OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	10/23/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	1

Wellbore / Top MD:	00 @ 0 ft	**Rig:**	SAVANNAH 643	**Ref Datum:**	ORIGINAL KB @3,073.30ft	**DFS:**	0.00
Today's MD:	0 ft	**Progress:**	0 ft	**Ground Elev:**	3,057.90 ft	**Daily Cost:**	$25,963
Prev MD:		**Rot Hrs Today:**	0.00 hr	**AFE MD/Days:**	11,400.0 / 15.1 days	**Cum Cost:**	$25,963
PBMD:		**Avg ROP Today:**	0.0 ft/hr	**AFE Number:**	1138945#0202	**AFE Cost:**	$1,281,303

Current Formation: @ **Lithology:**

Current Ops: WAIT ON TRUCKS

24-Hr Summary: RIG DOWN, WAIT ON DAYLIGHT

24-Hr Forecast: WAIT ON TRUCKS, MOVE RIG TO NEW LOCATION (CHLOE #3)

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS	Avg	Max
Last Casing:		**Str Wt Up/Dn:**	/	**Pump Rate:**	0.0	**Conn:**		
Next Casing:		**Str Wt Rot:**		**Pump Press:**	0	**Trip:**		
Last BOP Press Test:		**Torq Off Btm:**				**Backgr:**		
Form Test/EMW:		**Torq On Btm:**						

PERSONNEL

Supervisor 1:	JIM REEVES
Supervisor 2:	KIRBY GORE
Engineer:	IVAN
Geologist:	
Oxy Personnel:	2
Contractor Personnel:	24
Total on Site:	26

SURVEY DATA (LAST 6)

MD	Incl	Azi	TVD	N/-S	E/-W	VS	DLS	Build

BIT RECORD

Bit No	Size	Manufacturer	Model	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
									- -	- -

BIT OPERATING PARAMETERS TODAY

Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA - M-I SWACO

Engineer:	Brandon Smith	**MBT:**	0.0 lbm/bbl
Sample From:	In	**pH:**	8.0
Mud Type:	Spud Mud	**Pm / Pom:**	0.00
Time / MD:	12:00 / .0	**Pf / Mf:**	0.1 / 0.3
Density @ Temp:	8.40 / 90	**Chlorides:**	500
Rheology Temp:	120	**Ca+ / K+:**	120 / 0
Viscosity:	26.00	**CaCl2:**	0.00
PV / YP:	1 / 1	**Clom:**	0.00
Gels 10s/10m/30m:	1 / 1 / 1	**Lime:**	0.00
API WL:	45.00	**ES:**	100.20
HTHP WL:	0.00	**ECD:**	0.00
Cake API / HTHP:	1.0 / .0	**n / K:**	0.00 / 0.000
Solids / Sol Corr:	0.00 / 0.00	**Carbonate:**	2 ppm
Oil / Water:	0.0 / 0.0	**Bicarbonate:**	0 ppm
Sand:	0.00	**Form Loss:**	0.0 / 0.0
Water Added:	0.0 bbl	**Fluid Disch:**	/
Oil Added:			
LGS:	0.50 / 4.40		

VG Meter: 1@3 / 1@6 / 1@100 / 1@200 / 2@300 / 3@600

Comments: 0

LAST OR CURRENT BHA

Component	OD	ID	Jts	Length

MUD PRODUCTS

Product	Units	Qty Used
AIR COMP RENT	EACH	1.00
ENGINEERING SERVICE	EACH	1.00

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	10/23/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	1

OPERATIONS

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
10:00	20:00	10.00	01MIRU	LOCMOV	RD	P	RIG DOWN
20:00	0:00	4.00	01MIRU	LOCMOV	RD	PT	WAIT ON TRUCKS & DAYLIGHT
Total Time		14.00					

Safety Incident?	N	**Days since Last RI:**	310.00	**Weather Comments:**
Environ Incident?	N	**Days since Last LTA:**	310.00	
Incident Comments:				

Other Remarks:

EAST OF ANDREWS, TEXAS, AT INTERSECTION OF HIGHWAY 115 AND FM 1788, DRIVE (SOUTH) ON FM 1788 1.75 MILES. TURN LEFT (EAST) ONTO LEASE ROAD. DRIVE 1.5 MILE TO LOCATION
TRAILER TEL NUMBER: (713) 948-3590
FLIGHT FOR LIFE DIRECTIONS: LATITUDE 32°21'23.45"N, LONGITUDE 102°23'26.86"W, NAD 27

NEXT RIG MOVE DATE 11/06/2011

DAYS WORKED WITH NO LTA: 310
DAYS SINCE LAST RI: 310
NUMBER SAFETY MEETINGS: 12
PERMITS TO WORK: 0
STOP CARDS: 8
LO/TO: 0
JSA'S: 12
BEST STOP CARD OF THE DAY: OBSERVED THIRD PARTY CLIMBING ON BOP WITH OUT FALL PROTECTION,STOPPED JOB & WENT OVER JSA, HANDS COMPLIED, JOB CONTINUED WITH OUT INCIDENT

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	10/24/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	2

Wellbore / Top MD:	00 @ 0 ft	**Rig:**	SAVANNAH 643	**Ref Datum:**	ORIGINAL KB @3,073.30ft	**DFS:**	0.00
Today's MD:	0 ft	**Progress:**	0 ft	**Ground Elev:**	3,057.90 ft	**Daily Cost:**	$28,734
Prev MD:	0 ft	**Rot Hrs Today:**	0.00 hr	**AFE MD/Days:**	11,400.0 / 15.1 days	**Cum Cost:**	$54,697
PBMD:		**Avg ROP Today:**	0.0 ft/hr	**AFE Number:**	1138945#0202	**AFE Cost:**	$1,281,303

Current Formation: @ **Lithology:**

Current Ops: PICK UP BHA #1

24-Hr Summary: WAIT ON DAYLIGHT, WAIT ON TRUCKS, MOVE RIG TO NEW LOCATION (CHLOE #3), RIG UP TO SPUD, CHANGE OUT HYDRAULIC PUMP T

24-Hr Forecast: FINISH CHANGING OUT HYDRAULIC PUMP, COMPLETE RIG UP SPUD, DRILL SURFACE HOLE

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS	Avg	Max
Last Casing:		**Str Wt Up/Dn:**	/	**Pump Rate:**	0.0	**Conn:**		
Next Casing:		**Str Wt Rot:**		**Pump Press:**	0	**Trip:**		
Last BOP Press Test:		**Torq Off Btm:**				**Backgr:**		
Form Test/EMW:		**Torq On Btm:**						

PERSONNEL

Supervisor 1:	JIM REEVES
Supervisor 2:	KIRBY GORE
Engineer:	IVAN
Geologist:	
Oxy Personnel:	2
Contractor Personnel:	39
Total on Site:	41

SURVEY DATA (LAST 6)

MD	Incl	Azi	TVD	N/-S	E/-W	VS	DLS	Build

BIT RECORD

Bit No	Size	Manufacturer	Model	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
									- -	- -

BIT OPERATING PARAMETERS TODAY

Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA - M-I SWACO

Engineer:	Brandon Smith	**MBT:**	0.0 lbm/bbl
Sample From:	In	**pH:**	8.0
Mud Type:	Spud Mud	**Pm / Pom:**	0.00
Time / MD:	12:00 / .0	**Pf / Mf:**	0.1 / 0.3
Density @ Temp:	8.40 / 90	**Chlorides:**	500
Rheology Temp:	120	**Ca+ / K+:**	120 / 0
Viscosity:	26.00	**CaCl2:**	0.00
PV / YP:	1 / 1	**Clom:**	0.00
Gels 10s/10m/30m:	1 / 1 / 1	**Lime:**	0.00
API WL:	45.00	**ES:**	100.20
HTHP WL:	0.00	**ECD:**	0.00
Cake API / HTHP:	.0 / .0	**n / K:**	0.00 / 0.000
Solids / Sol Corr:	0.00 / 0.00	**Carbonate:**	2 ppm
Oil / Water:	0.0 / 0.0	**Bicarbonate:**	0 ppm
Sand:	0.00	**Form Loss:**	0.0 / 0.0
Water Added:	0.0 bbl	**Fluid Disch:**	/
Oil Added:			
LGS:	0.50 / 4.40		

VG Meter: 1@3 / 1@6 / 1@100 / 1@200 / 2@300 / 3@600

Comments: 0

LAST OR CURRENT BHA

Component	OD	ID	Jts	Length

MUD PRODUCTS

Product	Units	Qty Used
AIR COMP RENT	EACH	1.00
ENGINEERING SERVICE	EACH	1.00

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event: DEV DRILLING — UNIVERSITY CHLOE 3 — **Date:** 10/24/2011

Prim. Reason: ORIG DRILL VERT — USA — **Report No:** 2

OPERATIONS

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	6:00	6.00	01MIRU	LOCMOV	RD	PT	WAIT ON DAYLIGHT AND TRUCKS
6:00	12:30	6.50	01MIRU	LOCMOV	MOVE	PT	WAIT ON TRUCKS
12:30	14:00	1.50	01MIRU	LOCMOV	MOVE	PT	PJSM, WITH ALL ON LOCATION, MOVE RIG, TO THE CHLOE #3
14:00	20:00	6.00	01MIRU	LOCMOV	RU	P	PJSM RIG UP ON THE CHLOE #3, 100% ON LOCATION @ 1345 SUB SET @ 1400, DERRICK IN PLACE @ 1415, 100% IN PLACE @ 1530, TRUCKS RELEASED @ 15:30 DERRICK IN AIR @ 1650, SCOPED UP @ 18:00 RIG UP TO SPUD CALLED TRRC AND TALKED TO AMY AND THE JOB NUMBER IS 12198 AND ALSO CALLED UNIVERSITY ABOUT MOVING ON THE CHLOE #3
20:00	0:00	4.00	01MIRU	RIGMT	REP	PT	CHANGE OUT HYDRAULIC PUMP TO TOP DRIVE
Total Time		24.00					

Safety Incident? N — **Days since Last RI:** 311.00

Environ Incident? N — **Days since Last LTA:** 311.00

Incident Comments:
No incidents reported last 24 hours.

Weather Comments:

Other Remarks:

EAST OF ANDREWS, TEXAS, AT INTERSECTION OF HIGHWAY 115 AND FM 1788, DRIVE (SOUTH) ON FM 1788 1.75 MILES. TURN LEFT (EAST) ONTO LEASE ROAD. DRIVE 1.5 MILE, TURN RT GO .75 MILE, TO LOCATION
TRAILER TEL NUMBER: (713) 948-3590
FLIGHT FOR LIFE DIRECTIONS: LATITUDE 32°21'23.45"N, LONGITUDE 102°23'26.86"W, NAD 27

NEXT RIG MOVE DATE 11/06/2011

DAYS WORKED WITH NO LTA: 311
DAYS SINCE LAST RI: 311
NUMBER SAFETY MEETINGS: 11
PERMITS TO WORK: 0
STOP CARDS: 7
LO/TO: 2
JSA'S: 11
BEST STOP CARD OF THE DAY: OBSERVED EMPLOYEE WORKING WITHOUT GLOVES, STOP THE JOB AND EXPLAIN IMPORTANCE WEARING PROPER PPE

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	10/25/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	3

Wellbore / Top MD:	00 @ 54 ft	**Rig:**	SAVANNAH 643	**Ref Datum:**	ORIGINAL KB @3,073.30ft	**DFS:**	0.75
Today's MD:	1748 ft	**Progress:**	1748 ft	**Ground Elev:**	3,057.90 ft	**Daily Cost:**	$109,567
Prev MD:	0 ft	**Rot Hrs Today:**	18.00 hr	**AFE MD/Days:**	11,400.0 / 15.1 days	**Cum Cost:**	$164,264
PBMD:		**Avg ROP Today:**	97.1 ft/hr	**AFE Number:**	1138945#0202	**AFE Cost:**	$1,281,303

Current Formation: @ **Lithology:**

Current Ops: LAY DOWN 8" BHA

24-Hr Summary: NEXT RIG MOVE DATE 11/06/2011, FINISH CHANGING OUT HYDRAULIC PUMP, COMPLETE RIG UP SPUD, DRILL SURFACE HOLE TO 1748

24-Hr Forecast: DRILL SURFACE HOLE TO 1855', CIRCULATE, TOH FROM 1855' TO 8" BHA, LAY DOWN 8" BHA

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS	Avg	Max
Last Casing:	16.000in @ 54ft	**Str Wt Up/Dn:**	68.0/ 54.0 kip	**Pump Rate:**	753.3	**Conn:**	20	20
Next Casing:	9.625in @ 1,855ft	**Str Wt Rot:**	68.0 kip	**Pump Press:**	1875	**Trip:**	0	0
Last BOP Press Test:	10/13/2011	**Torq Off Btm:**	8.4 ft-lbf			**Backgr:**	0	0
Form Test/EMW:		**Torq On Btm:**	12.5 ft-lbf					

PERSONNEL

Supervisor 1:	JIM REEVES
Supervisor 2:	KIRBY GORE
Engineer:	IVAN
Geologist:	
Oxy Personnel:	2
Contractor Personnel:	14
Total on Site:	16

SURVEY DATA (LAST 6)

MD	Incl	Azi	TVD	N/-S	E/-W	VS	DLS	Build
1,423.0	0.80	0.00	1,422.80	21.5	0.0	21.5	0.11	-0.11
1,249.0	1.00	0.00	1,248.82	18.7	0.0	18.7	0.18	-0.18
974.0	1.50	0.00	973.89	12.7	0.0	12.7	0.15	0.15
0.0	0.00	0.00	0.00	0.0	0.0	0.0	0.00	0.00

BIT RECORD

Bit No	Size	Manufacturer	Model	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
1	12.250	ULTERRA DRILLING T	MS1957BC	M9784	M323	7x11	54		- -	- -

BIT OPERATING PARAMETERS TODAY

Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI
1	18.00	18.00	1694	1694	94.1	94.1	10.0/18.0	45/70	0.650	1141	372.4	4.3

MUD DATA - M-I SWACO

Engineer:	Brandon Smith	**MBT:**	0.0 lbm/bbl
Sample From:	In	**pH:**	8.0
Mud Type:	Spud Mud	**Pm / Pom:**	0.00
Time / MD:	17:30 / 1,409.0	**Pf / Mf:**	0.1 / 0.4
Density @ Temp:	9.20 / 75	**Chlorides:**	1,500
Rheology Temp:	120	**Ca+ / K+:**	120 / 0
Viscosity:	33.00	**CaCl2:**	0.00
PV / YP:	8 / 9	**Clom:**	0.56
Gels 10s/10m/30m:	6 / 8 / 10	**Lime:**	0.00
API WL:	8.00	**ES:**	100.20
HTHP WL:	0.00	**ECD:**	0.00
Cake API / HTHP:	1.0 / .0	**n / K:**	0.00 / 0.000
Solids / Sol Corr:	0.10 / 0.00	**Carbonate:**	2 ppm
Oil / Water:	0.0 / 0.0	**Bicarbonate:**	0 ppm
Sand:	0.02	**Form Loss:**	0.0 / 0.0
Water Added:	156.0 bbl	**Fluid Disch:**	/
Oil Added:			
LGS:	6.40 / 58.40		

VG Meter: 5@3 / 6@6 / 11@100 / 14@200 / 17@300 / 25@600

Comments: 0

LAST OR CURRENT BHA

BHA No: 1 Bit No: 1 MD In: 54 ft

Purpose: 12.25" SURFACE HOLE MD Out:

Component	OD	ID	Jts	Length
HWDP	4.500	2.810	10	303.48
SPIRAL DRILL COLLAR	6.500	2.680	6	180.00
CROSSOVER	5.620	2.370	1	2.20
SPIRAL DRILL COLLAR	8.000	2.370	2	63.07
INTEGRAL BLADE STABILIZER	8.000	2.870	1	7.16
SPIRAL DRILL COLLAR	8.000	2.620	1	30.50
INTEGRAL BLADE STABILIZER	8.000	2.500	1	6.94
UBHO SUB	8.000	3.750	1	4.92
SHOCK SUB	8.000	2.750	1	12.67
PDC BIT	12.250	2.500	1	1.00

Total Length: 611.94 ft **Wt below Jars:**

MUD PRODUCTS

Product	Units	Qty Used
AIR COMP RENT	EACH	1.00
ENGINEERING SERVICE	EACH	1.00
MF-55	CAN,5 GA	7.00
POLY-PLUS	CAN,5 GA	4.00
SOAP STICK	EACH	100.00
SODA ASH	BG,50 LB	4.00

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event: DEV DRILLING | UNIVERSITY CHLOE 3 | **Date:** 10/25/2011

Prim. Reason: ORIG DRILL VERT | USA | **Report No:** 3

OPERATIONS

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	1:30	1.50	01MIRU	RIGMT	REP	PT	CHANGE OUT HYDRAULIC PUMP TO TOP DRIVE
1:30	4:00	2.50	01MIRU	LOCMOV	RU	P	RIG UP TO SPUD IN STRAP AND CALIPER BHA
4:00	6:00	2.00	01MIRU	LOCMOV	RU	P	PERFORM RIG INSPECTION WITH RIG MANAGER HELD PRE SPUD MEETING PICK UP BHA 12.25" BIT, 8" SHOCK SUB, 8" FLOW DRIFT SUB, 12 1/8" IBS, 8" DC, 12 1/8" IBS, 2 - 8" DC, 1 - XO SUB, 6 5/8" REG PIN X 4 1/2" XH, 6 - 6 1/2" DC, 10 - HWDP.
6:00	10:00	4.00	14SUDR	DRILL	ROTVER	P	SPUD- IN @ 0600, AND DRILL 12-1/4" SURFACE HOLE SECTION. FROM 54' TO 426' , AVERAGE ROP 93 FPH WOB 5-30K. TD RPM 40, FLOW RATE 300-450 GPM, STAND PIPE PRESSURE 280 PSI . TORQ. 1K OFF BTM, 10K ON BTM. CIRCULATE OUTER RESERVE. PUMP 40 BBL 60 VIS GEL SWEEP EVERY 60'. ADD 2 SOAP STICKS AND 2 CUP POLY PLUS EACH CONNECTION MF55 TO THE FLOW LINE
10:00	14:00	4.00	14SUDR	DRILL	ROTVER	P	DRILLING 12 1/4" SURFACE HOLE, FROM 426' TO 1029'; 603' IN 4HRS AVG ROP 151 FPH WOB 10-15K. TD RPM 85, FLOW RATE 400 - 600 GPM , 475 PSI OFF BOTTOM, 950 PSI ON BTM. TORQ 5K OFF BTM, 14K ON BTM. CIRCULATE OUTSIDE RESERVE CLOSED IN TO STEEL PITS @ 900' SURVEY @ 974 1.5 INC MUD WT 5.4 IN, 8.5 OUT VIS 28 IN; 30 OUT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60 2 - SOAP STICKS, 2 - CUPS POLY PLUS, EVERY CON. SAFETY BREAK DISCUSSED: DRIVING FORKLIFT
14:00	18:00	4.00	14SUDR	DRILL	ROTVER	P	DRILLING 12 1/4" SURFACE HOLE, FROM 1029' TO 1439'; 410' IN 4HRS AVG ROP 103 FPH WOB 10-15K. TD RPM 85, FLOW RATE 400 - 600 GPM , 550 PSI OFF BOTTOM, 1815 PSI ON BTM. TORQ XXK OFF BTM, XXK ON BTM. CIRCULATE STEEL PITS MUD WT 5.4 IN, 8.5 OUT VIS 28 IN; 30 OUT SURVEY @ 1294 1INC PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60 2 - SOAP STICKS, 2 - CUPS POLY PLUS, EVERY CON. SAFETY BREAK DISCUSSED: MAKING CONNECTIONS
18:00	22:00	4.00	14SUDR	DRILL	ROTVER	P	DRILLING 12 1/4" SURFACE HOLE, FROM 1439' TO 1664'; 225' IN 4HRS AVG ROP 56.3 FPH WOB 10-15K. TD RPM 85, FLOW RATE 400 - 600 GPM , 550 PSI OFF BOTTOM, 1845 PSI ON BTM. TORQ 10.3K OFF BTM, 13.4K ON BTM. CIRCULATE STEEL PITS MUD WT 9.1 IN, 9.2 OUT VIS 28 IN; 30 OUT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60 2 - SOAP STICKS, 2 - CUPS POLY PLUS, EVERY CON. SAFETY BREAK DISCUSSED: GOOD HOUSEKEEPING

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event: DEV DRILLING — UNIVERSITY CHLOE 3 — **Date:** 10/25/2011

Prim. Reason: ORIG DRILL VERT — USA — **Report No:** 3

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
22:00	0:00	2.00	14SUDR	DRILL	ROTVER	P	DRILLING 12 1/4" SURFACE HOLE, FROM 1664' TO 1748'; 84' IN 2HRS AVG ROP 42 FPH WOB 10-15K. TD RPM 85, FLOW RATE 400 - 600 GPM , 550 PSI OFF BOTTOM, 1845 PSI ON BTM. TORQ 10.3K OFF BTM, 13.4K ON BTM. CIRCULATE STEEL PITS MUD WT 9.1 IN, 9.2 OUT VIS 28 IN; 30 OUT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60 2 - SOAP STICKS, 2 - CUPS POLY PLUS, EVERY CON. SAFETY BREAK DISCUSSED: WORKING ON HYDRAULIC LINES
Total Time		24.00					

Safety Incident? N — **Days since Last RI:** 312.00

Environ Incident? N — **Days since Last LTA:** 312.00

Incident Comments:
No incidents reported last 24 hours.

Weather Comments:

Other Remarks:

EAST OF ANDREWS, TEXAS, AT INTERSECTION OF HIGHWAY 115 AND FM 1788, DRIVE (SOUTH) ON FM 1788 1.75 MILES. TURN LEFT (EAST) ONTO LEASE ROAD. DRIVE 1.5 MILE, TURN RT GO .75 MILE, TO LOCATION
TRAILER TEL NUMBER: (713) 948-3590
FLIGHT FOR LIFE DIRECTIONS: LATITUDE 32°21'23.45"N, LONGITUDE 102°23'26.86"W, NAD 27

DAYS WORKED WITH NO LTA: 312
DAYS SINCE LAST RI: 312
NUMBER SAFETY MEETINGS: 12
PERMITS TO WORK: 0
STOP CARDS: 5
LO/TO: 1
JSA'S: 12

BEST STOP CARD OF THE DAY: EMPLOYEE MOUSE HOLED PIPE WITHOUT V-DOOR ROPES, EXPLAINED TO HIM THE DANGERS OF NOT USING A TAIL ROPE, HE COMPLIED

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	10/26/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	4

Wellbore / Top MD:	00 @ 0 ft	**Rig:**	SAVANNAH 643	**Ref Datum:**	ORIGINAL KB @3,073.30ft	**DFS:**	1.75
Today's MD:	1855 ft	**Progress:**	107 ft	**Ground Elev:**	3,057.90 ft	**Daily Cost:**	$90,011
Prev MD:	1748 ft	**Rot Hrs Today:**	2.00 hr	**AFE MD/Days:**	11,400.0 / 15.1 days	**Cum Cost:**	$254,275
PBMD:		**Avg ROP Today:**	53.5 ft/hr	**AFE Number:**	1138945#0202	**AFE Cost:**	$1,281,303

Current Formation: @ **Lithology:**

Current Ops: DRILL CEMENT, FLOAT COLLAR, SHOE, & 10' OF NEW HOLE

24-Hr Summary: NEXT RIG MOVE DATE 11/06/2011, DRILL SURFACE HOLE, CIRCULATE, TOH & LAY DOWN 8" BHA, RUN 9 5/8" SURFACE, CEMENT SURFA

24-Hr Forecast: REPAIR HYDRAULIC LINE ON TOP DRIVE, PICK UP BHA #2, TIH, TAG CEMENT, PERFORM CHOKE DRILL,DRILL CEMENT, FLOAT, & SHOE

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS	Avg	Max
Last Casing:	9.625in @ 1,855ft	**Str Wt Up/Dn:**	68.0/ 54.0 kip	**Pump Rate:**	753.3	**Conn:**	0	0
Next Casing:	5.500in @ 11,350ft	**Str Wt Rot:**	68.0 kip	**Pump Press:**	1875	**Trip:**	0	0
Last BOP Press Test:	10/13/2011	**Torq Off Btm:**	10.4 ft-lbf			**Backgr:**	0	0
Form Test/EMW:		**Torq On Btm:**	13.5 ft-lbf					

PERSONNEL

Supervisor 1:	JIM REEVES
Supervisor 2:	KIRBY GORE
Engineer:	IVAN
Geologist:	
Oxy Personnel:	2
Contractor Personnel:	35
Total on Site:	37

SURVEY DATA (LAST 6)

MD	Incl	Azi	TVD	N/-S	E/-W	VS	DLS	Build
1,833.0	1.00	0.00	1,832.75	27.9	0.0	27.9	0.05	0.05
1,423.0	0.80	0.00	1,422.82	20.4	0.0	20.4	0.11	-0.11
1,249.0	1.00	0.00	1,248.84	17.7	0.0	17.7	0.15	-0.15
974.0	1.40	0.00	973.90	11.9	0.0	11.9	0.14	0.14
0.0	0.00	0.00	0.00	0.0	0.0	0.0	0.00	0.00

BIT RECORD

Bit No	Size	Manufacturer	Model	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
1	12.250	ULTERRA DRILLING T	MS1957BC	M9784	M323	7x11	54	1855	1-1-BT-N	D-I-CT-TD

BIT OPERATING PARAMETERS TODAY

Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI
1	2.00	20.00	107	1801	53.5	90.0	15.0/18.0	45/65	0.650	1129	370.4	4.2

MUD DATA - M-I SWACO

Engineer:	Brandon Smith	**MBT:**	0.0 lbm/bbl
Sample From:	In	**pH:**	7.0
Mud Type:	Spud Mud	**Pm / Pom:**	0.00
Time / MD:	18:00 / 1,855.0	**Pf / Mf:**	0.1 / 0.3
Density @ Temp:	8.40 / 75	**Chlorides:**	500
Rheology Temp:	120	**Ca+ / K+:**	120 / 0
Viscosity:	26.00	**CaCl2:**	0.00
PV / YP:	1 / 1	**Clom:**	0.59
Gels 10s/10m/30m:	1 / 1 / 1	**Lime:**	0.00
API WL:	45.00	**ES:**	1,002.30
HTHP WL:	0.00	**ECD:**	0.00
Cake API / HTHP:	.0 / .0	**n / K:**	0.00 / 0.000
Solids / Sol Corr:	0.00 / 0.00	**Carbonate:**	2 ppm
Oil / Water:	0.0 / 0.0	**Bicarbonate:**	0 ppm
Sand:	0.00	**Form Loss:**	0.0 / 0.0
Water Added:	0.0 bbl	**Fluid Disch:**	/
Oil Added:			
LGS:	0.50 / 4.40		

VG Meter: 1@3 / 1@6 / 1@100 / 1@200 / 2@300 / 3@600

Comments: 0

LAST OR CURRENT BHA

BHA No: 1 Bit No: 1 MD In: 54 ft

Purpose: 12.25" SURFACE HOLE MD Out: 1855 ft

Component	OD	ID	Jts	Length
HWDP	4.500	2.810	10	303.48
SPIRAL DRILL COLLAR	6.500	2.680	6	180.00
CROSSOVER	5.620	2.370	1	2.20
SPIRAL DRILL COLLAR	8.000	2.370	2	63.07
INTEGRAL BLADE STABILIZER	8.000	2.870	1	7.16
SPIRAL DRILL COLLAR	8.000	2.620	1	30.50
INTEGRAL BLADE STABILIZER	8.000	2.500	1	6.94
UBHO SUB	8.000	3.750	1	4.92
SHOCK SUB	8.000	2.750	1	12.67
PDC BIT	12.250	2.500	1	1.00

Total Length: 611.94 ft **Wt below Jars:**

MUD PRODUCTS

Product	Units	Qty Used
AIR COMP RENT	EACH	1.00
ENGINEERING SERVICE	EACH	1.00

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event: DEV DRILLING | UNIVERSITY CHLOE 3 | **Date:** 10/26/2011

Prim. Reason: ORIG DRILL VERT | USA | **Report No:** 4

OPERATIONS

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	2:00	2.00	14SUDR	DRILL	ROTVER	P	DRILLING 12 1/4" SURFACE HOLE, FROM 1748' TO 1855'; 107' IN 2 HRS AVG ROP 53.5 FPH WOB 10-15K. TD RPM 85, FLOW RATE 400 - 600 GPM , 550 PSI OFF BOTTOM, 1845 PSI ON BTM. TORQ 10.3K OFF BTM, 13.4K ON BTM. CIRCULATE STEEL PITS MUD WT 9.1 IN, 9.2 OUT VIS 28 IN; 30 OUT SURVEY @ 1,833' - 1.0 INC. PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60 2 - SOAP STICKS, 2 - CUPS POLY PLUS, EVERY CON. SAFETY BREAK DISCUSSED: LOCKOUT AND TAGOUT
2:00	3:00	1.00	14SUDR	CIRC	CNDHOL	P	CIRCULATE & PUMP HI VIS PILL TO BOTTOM
3:00	4:30	1.50	14SUDR	TRIP	DRILL	P	TOH FROM 1855' TO 8" BHA
4:30	6:00	1.50	14SUDR	TRIP	BHA	P	LAY DOWN 8" BHA
6:00	6:30	0.50	14SUDR	TRIP	BHA	P	LAY DOWN 8" BHA, CLEAN UP FLOOR TO RUN CASING
6:30	7:30	1.00	14SUDR	CSG	RIGUP	P	PJSM WITH B&L CASING CREW, RIG CREW, DSM, & OXY SAFETY DOUG HAISLETT.
7:30	11:30	4.00	14SUDR	CSG	RUNCSG	P	RUN CASING PER PROG. 1.CONDUCT PRE-JOB SAFETY MEETING WITH RIG AND CASING CREW 2. RIG UP CASING CREW TO RUN 9?" 36# J55 LTC CASING. 3.HAVE A CIRCULATING SWEDGE, SWIVEL JOINT, AND 2" LOW-TORQUE AVAILABLE ON THE RIG FLOOR; 4.FUNCTION TEST LOW-TORQUE VALVE ON XO'S. 5.VISUALLY INSPECT FLOAT EQUIPMENT FOR DAMAGE; ENSURE THAT MANUFACTURER MODEL AND 6.NUMBERS MATCH WITH THE DESCRIPTIONS BELOW. MAKE UP AND RUN 9?" 36# J55 LTC CASING AS FOLLOWS: CASING MAKEUP TORQUE: MINIMUM: 3400 FT-LBS OPTIMUM: 4530 FT-LBS MAXIMUM: 5660 FT-LBS GUIDE SHOE – WEATHERFORD MODEL 112 1 JOINT 9?" 36# J55 LTC CASING FLOAT COLLAR - WEATHERFORD MODEL 402E PDC DRILLABLE 9?" 36# J55 LTC CASING TO SURFACE 8.WEATHERFORD BOW SPRING CENTRALIZERS – WEATHERFORD MODEL B110 AS FOLLOWS: 1 BOW SPRING ON COLLAR STOP 10' ABOVE SHOE 1 BOW SPRING ON COUPLING ABOVE FLOAT COLLAR 1 BOW SPRING EVERY 3 JOINTS TO CELLAR ON COUPLINGS
11:30	12:00	0.50	14SUDR	CMT	RIGUP	P	PJSM WITH HALLIBURTON

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event: DEV DRILLING — UNIVERSITY CHLOE 3 — **Date:** 10/26/2011

Prim. Reason: ORIG DRILL VERT — USA — **Report No:** 4

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
12:00	14:30	2.50	14SUDR	CMT	PRIM	P	CEMENT PERPROG RIG UP TO DISPLACE WITH CEMENT PUMP TRUCK, PLAN TO DO CEMENTING JOB THROUGH CEMENTING HEAD. ENSURE PRESSURE IS BLED OFF OF MUD LINES. PRESSURE TEST CEMENT LINE TO 250 PSI LOW AND 3000 PSI HIGH – HOLD EACH TEST FOR 5 MINUTES. PUMP 20 BBL FRESHWATER SPACER. MIX AND PUMP CEMENT AS FOLLOWS: FLUID 2: LEAD WITH 360 SKS PREMIUM PLUS CEMENT FLUID WEIGHT 13.50 LBM/GAL 94 LBM/SK PREMIUM PLUS CEMENT (CEMENT) SLURRY YIELD: 1.76 FT3/SK 4 % BENTONITE (ADDITIVE MATERIAL) TOTAL MIXING FLUID: 9.14 GAL/SK 2 % CALCIUM CHLORIDE (ACCELERATOR) TOP OF FLUID: 0 FT 2 LBM/SK PHENO SEAL MEDIUM (LOST CIRCULATION ADDITIVE)CALCULATED FILL:1139.30 FT VOLUME: 111.21 CALCULATED SACKS: 354.59 SKS PROPOSED SACKS: 360 SKS ESTIMATED SLURRY PROPERTIES: THICKENING TIME: 03:30 COMPRESSIVE STRENGTHS @ 80 °F 24:00 1208 PSI 48:00 1615 PSI 2:00 1750 PSI FLUID 3: TAIL-IN WITH 300 SKS PREMIUM PLUS CEMENT FLUID WEIGHT 14.80 LBM/GAL 94 LBM/SK PREMIUM PLUS CEMENT (CEMENT) SLURRY YIELD: 1.36 FT3/SK 2 LBM/SK PHENO SEAL MEDIUM (LOST CIRCULATION ADDITIVE)TOTAL MIXING FLUID:6.30 GAL/SK 2 % CALCIUM CHLORIDE (ACCELERATOR) TOP OF FLUID: 1139.3 FT CALCULATED FILL: 710.70 FT VOLUME: 72.56 BBL CALCULATED SACKS: 300 SKS PROPOSED SACKS: 300 SKS ESTIMATED SLURRY PROPERTIES: THICKENING TIME: 02:30 COMPRESSIVE STRENGTHS @ 80 °F 24:00 1608 PSI 48:00 2172 PSI 72:00 2500 PSI PLUG DROPED @ 13:30 PLUG BUMPED @14:32, W/ 900 Psi CIRCULATED 140 BBL's TO SURFACE PLUG HELD, 2BBLs BACK
14:30	15:00	0.50	14SUDR	WLHD	RWH	P	PJSM WITH FMC, MAN-WELDING, WELDER, & RIG CREW TO INSTALL WELL-HEAD.
15:00	17:30	2.50	14SUDR	WLHD	RWH	P	CUT OFF & WELD ON WELL-HEAD, GROUND LEVEL, TEST TO 1414 Psi TEST GOOD
17:30	18:00	0.50	14SUDR	BOP	RDBOP	P	PJSM W/ MAN-WELDING NU, & TEST, RIG HANDS
18:00	20:30	2.50	14SUDR	BOP	RUBOP	P	NIPPLE UP BOP
20:30	23:00	2.50	14SUDR	BOP	TSTBOP	P	TEST BOP, CHOKE MANIFOLD, AND 4" KILL CHOKE LINES TO 250 PSI LOW AND 2100 PSI HIGH TEST 4" MUD LINES 250 PSI LOW AND 3500 PSI HIGH TEST 9-5/8" CASING AND BLIND RAMS TO 250 PSI LOW AND 2100 PSI HIGH AND HOLD IT FOR 30 MINUTES
23:00	0:00	1.00	14SURC	RIGMT	REP	PT	REPAIR HYDRAULIC LINE ON TOP DRIVE
Total Time		24.00					

Safety Incident? N — **Days since Last RI:** 313.00

Environ Incident? N — **Days since Last LTA:** 313.00

Incident Comments:
No incidents reported last 24 hours.

Weather Comments:

Other Remarks:

EAST OF ANDREWS, TEXAS, AT INTERSECTION OF HIGHWAY 115 AND FM 1788, DRIVE (SOUTH) ON FM 1788 1.75 MILES. TURN LEFT (EAST) ONTO LEASE ROAD. DRIVE 1.5 MILE, TURN RT GO .75 MILE, TO LOCATION
TRAILER TEL NUMBER: (713) 948-3590
FLIGHT FOR LIFE DIRECTIONS: LATITUDE 32°21'23.45"N, LONGITUDE 102°23'26.86"W, NAD 27

DAYS WORKED WITH NO LTA: 313
DAYS SINCE LAST RI: 313
NUMBER SAFETY MEETINGS: 13
PERMITS TO WORK: 0
STOP CARDS: 7
LO/TO: 1
JSA'S: 13

BEST STOP CARD OF THE DAY: WORKER WALKED UNDER A JOINT OF PIPE AS IT WAS BEING LOWERED DOWN THE V-DOOR. HE WAS STOPPED AND TOLD TO WAIT UNTIL THE JOINT WAS ON THE CAT WALK, HE COMPLIED

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	10/27/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	5

Wellbore / Top MD:	00 @ 0 ft	**Rig:**	SAVANNAH 643	**Ref Datum:**	ORIGINAL KB @3,073.30ft	**DFS:**	2.75
Today's MD:	2866 ft	**Progress:**	1011 ft	**Ground Elev:**	3,057.90 ft	**Daily Cost:**	$29,532
Prev MD:	1855 ft	**Rot Hrs Today:**	6.50 hr	**AFE MD/Days:**	11,400.0 / 15.1 days	**Cum Cost:**	$283,807
PBMD:		**Avg ROP Today:**	155.5 ft/hr	**AFE Number:**	1138945#0202	**AFE Cost:**	$1,281,303

Current Formation: SALTS@1,950.0 **Lithology:**

Current Ops: WAIT ON TOP DRIVE

24-Hr Summary: NEXT RIG MOVE DATE 11/06/2011,REPAIR HYDRAULIC LINE ON TOP DRIVE,PICK UP BHA #2,TIH,TAG CEMENT,PERFORM CHOKE DRILL,I

24-Hr Forecast: REPLACE TOP DRIVE, TIH, DRILL 8 3/4" PRODUCTION HOLE TO TD

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS	Avg	Max
Last Casing:	9.625in @ 1,855ft	**Str Wt Up/Dn:**	110.0/ 98.0 kip	**Pump Rate:**	600.9	**Conn:**	0	0
Next Casing:	5.500in @ 11,350ft	**Str Wt Rot:**	107.0 kip	**Pump Press:**	1570	**Trip:**	0	0
Last BOP Press Test:	10/27/2011	**Torq Off Btm:**	12.3 ft-lbf			**Backgr:**	0	0
Form Test/EMW:	FIT / 12.19 ppg	**Torq On Btm:**	10.3 ft-lbf					

PERSONNEL

Supervisor 1:	JIM REEVES
Supervisor 2:	KIRBY GORE
Engineer:	IVAN
Geologist:	
Oxy Personnel:	2
Contractor Personnel:	14
Total on Site:	16

SURVEY DATA (LAST 6)

MD	Incl	Azi	TVD	N/-S	E/-W	VS	DLS	Build
2,400.0	1.60	0.00	2,399.60	40.8	0.0	40.8	0.11	0.11
1,833.0	1.00	0.00	1,832.75	27.9	0.0	27.9	0.05	0.05
1,423.0	0.80	0.00	1,422.82	20.4	0.0	20.4	0.11	-0.11
1,249.0	1.00	0.00	1,248.84	17.7	0.0	17.7	0.15	-0.15
974.0	1.40	0.00	973.90	11.9	0.0	11.9	0.14	0.14
0.0	0.00	0.00	0.00	0.0	0.0	0.0	0.00	0.00

BIT RECORD

Bit No	Size	Manufacturer	Model	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
2	8.750	ULTERRA DRILLING T	MS1666CDU	M10260	M423	6x13	1855		- -	- -
1	12.250	ULTERRA DRILLING T	MS1957BC	M9784	M323	7x11	54	1855	1-1-BT-N	D-I-CT-TD

BIT OPERATING PARAMETERS TODAY

Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI
2	6.50	6.50	1011	1011	155.5	155.5	10.0/18.0	45/55	0.778	464	247.1	2.7

MUD DATA - M-I SWACO

Engineer:	Brandon Smith	**MBT:**	0.0 lbm/bbl
Sample From:	In	**pH:**	8.0
Mud Type:	Spud Mud	**Pm / Pom:**	0.00
Time / MD:	18:00 / 2,866.0	**Pf / Mf:**	0.1 / 0.3
Density @ Temp:	8.70 / 75	**Chlorides:**	35,000
Rheology Temp:	120	**Ca+ / K+:**	2,200 / 0
Viscosity:	27.00	**CaCl2:**	0.00
PV / YP:	1 / 1	**Clom:**	0.59
Gels 10s/10m/30m:	1 / 1 / 1	**Lime:**	0.00
API WL:	45.00	**ES:**	100.20
HTHP WL:	0.00	**ECD:**	0.00
Cake API / HTHP:	.0 / .0	**n / K:**	0.00 / 0.000
Solids / Sol Corr:	1.80 / 0.00	**Carbonate:**	2 ppm
Oil / Water:	0.0 / 0.0	**Bicarbonate:**	0 ppm
Sand:	0.10	**Form Loss:**	0.0 / 0.0
Water Added:	185.0 bbl	**Fluid Disch:**	/
Oil Added:			
LGS:	0.30 / 2.60		

VG Meter: 1@3 / 1@6 / 1@100 / 1@200 / 2@300 / 3@600

Comments: 0

LAST OR CURRENT BHA

BHA No: 2 Bit No: 2 MD In: 1855 ft

Purpose: 8 3/4" PRODUCTION HOLE MD Out:

Component	OD	ID	Jts	Length
HWDP	4.500	2.810	4	120.82
DRILLING JAR	6.500	2.810	1	31.96
HWDP	4.500	2.810	8	243.64
SPIRAL DRILL COLLAR	6.500	2.870	12	355.62
ORIENTING SUB	6.500	2.870	1	4.95
3-POINT REAMER	6.500	2.870	1	7.00
SPIRAL DRILL COLLAR	6.310	2.370	1	31.02
3-POINT REAMER	6.500	2.870	1	7.38
POSITIVE DISPLACEMENT MOTOR	6.500	3.260	1	30.01
PDC BIT	8.750	2.500	1	1.00

Total Length: 833.40 ft **Wt below Jars:**

MUD PRODUCTS

Product	Units	Qty Used
AIR COMP RENT	EACH	1.00
ENGINEERING SERVICE	EACH	1.00
MF-55	CAN,5 GA	1.00
SODA ASH	BG,50 LB	2.00

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	10/27/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	5

OPERATIONS

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	0:30	0.50	14SURC	RIGMT	REP	PT	REPAIR HYDRAULIC LINE ON TOP DRIVE
0:30	1:00	0.50	14SURC	TRIP	DRILL	P	INSTALL WEAR BUSHING
1:00	4:30	3.50	14SURC	TRIP	BHA	P	TIH WITH #2 BHA FROM 0' TO 1807' INSTALL ROTATING HEAD, TAG CEMENT @ 1807'
4:30	5:00	0.50	14SURC	DRILL	MTRVER	P	PERFORM CHOKE DRILL
5:00	6:00	1.00	14SURC	DRLOUT	DOCMT	P	DRILL CEMENT, FLOAT COLLAR, SHOE, & 10' OF NEW HOLE
6:00	6:30	0.50	14SURC	DRLOUT	FST	P	PERFORM FIT TEST, TO 21.1 EMW TEST GOOD
6:30	10:30	4.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 1855' TO 2372'; 517' IN 4 HRS AVG ROP 129 FPH WOB 10-15K. TD RPM 53, FLOW RATE 400 - 600 GPM , 1400 PSI OFF BOTTOM, 1720 PSI ON BTM. TORQ 7K OFF BTM, 10.6K ON BTM. CIRCULATE OUTER RESERVE MUD WT 8.4 IN, 8.5 OUT VIS 28 IN; 30 OUT SURVEY @ 2400' - 1.6 INC. PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60 SAFETY BREAK DISCUSSED: GROUNDING EQUIPMENT
10:30	13:00	2.50	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 2372' TO 2866'; 494' IN 4 HRS AVG ROP 198 FPH WOB 10-15K. TD RPM , FLOW RATE 400 - 600 GPM , 1400PSI OFF BOTTOM, 1760 PSI ON BTM. TORQ 7K OFF BTM, 11K ON BTM. CIRCULATE OUTER RESERVE MUD WT 8.5 IN, 8.6 OUT VIS 28 IN; 30 OUT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60 SAFETY BREAK DISCUSSED: TRIPPING
13:00	14:30	1.50	31PRDR	RIGMT	REP	PT	TOH TO SHOE, HOOK UP CIRCULATING HEAD, & CIRCULATE, PROBLEM WITH THE TOP DRIVE
14:30	0:00	9.50	31PRDR	WAIT	WOEQ	PT	WAITING ON CRANE TO REMOVE TOP DRIVE AND SHIP TO SHOP
Total Time		24.00					

Safety Incident?	N	**Days since Last RI:**	314.00	**Weather Comments:**
Environ Incident?	N	**Days since Last LTA:**	314.00	

Incident Comments:
No incidents reported last 24 hours.

Other Remarks:

EAST OF ANDREWS, TEXAS, AT INTERSECTION OF HIGHWAY 115 AND FM 1788, DRIVE (SOUTH) ON FM 1788 1.75 MILES. TURN LEFT (EAST) ONTO LEASE ROAD. DRIVE 1.5 MILE, TURN RT GO .75 MILE, TO LOCATION
TRAILER TEL NUMBER: (713) 948-3590
FLIGHT FOR LIFE DIRECTIONS: LATITUDE 32°21'23.45"N, LONGITUDE 102°23'26.86"W, NAD 27

DAYS WORKED WITH NO LTA: 314
DAYS SINCE LAST RI: 314
NUMBER SAFETY MEETINGS: 17
PERMITS TO WORK: 0
STOP CARDS: 8
LO/TO: 0
JSA'S: 17

BEST STOP CARD OF THE DAY: RIG HAND DRIVING TOO FAST ACROSS THE LOCATION WITH THE FORKLIFT, HE WAS STOPPED AND ADVISED OF THE DANGER AND THE 5 MPH SPEED LIMIT, HE UNDERSTOOD AND PROCEEDED ACCORDINGLY.

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	10/28/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	6

Wellbore / Top MD:	00 @ 0 ft	**Rig:**	SAVANNAH 643	**Ref Datum:**	ORIGINAL KB @3,073.30ft	**DFS:**	3.75
Today's MD:	2866 ft	**Progress:**	0 ft	**Ground Elev:**	3,057.90 ft	**Daily Cost:**	$17,917
Prev MD:	2866 ft	**Rot Hrs Today:**	0.00 hr	**AFE MD/Days:**	11,400.0 / 15.1 days	**Cum Cost:**	$292,270
PBMD:		**Avg ROP Today:**	0.0 ft/hr	**AFE Number:**	1138945#0202	**AFE Cost:**	$1,281,303

Current Formation: SALTS@1,950.0 **Lithology:**

Current Ops: WAIT ON TOP DRIVE TO RETURN FROM REPAIRS.

24-Hr Summary: NEXT RIG MOVE & RR, DATE 11/09/2011,WAIT ON CRANE TO REMOVE TOP DRIVE FOR REPAIRS, SHIP TO SHOP IN WEATHERFORD, TX

24-Hr Forecast: WAIT ON TOP DRIVE TO RETURN FROM REPAIRS.

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS	Avg	Max
Last Casing:	9.625in @ 1,855ft	**Str Wt Up/Dn:**	/	**Pump Rate:**	0.0	**Conn:**	0	0
Next Casing:	5.500in @ 11,350ft	**Str Wt Rot:**		**Pump Press:**	0	**Trip:**	0	0
Last BOP Press Test:	10/27/2011	**Torq Off Btm:**				**Backgr:**	0	0
Form Test/EMW:	FIT / 12.19 ppg	**Torq On Btm:**						

PERSONNEL

Supervisor 1:	JIM REEVES
Supervisor 2:	KIRBY GORE
Engineer:	IVAN
Geologist:	
Oxy Personnel:	2
Contractor Personnel:	22
Total on Site:	24

SURVEY DATA (LAST 6)

MD	Incl	Azi	TVD	N/-S	E/-W	VS	DLS	Build
2,400.0	1.60	0.00	2,399.60	40.8	0.0	40.8	0.11	0.11
1,833.0	1.00	0.00	1,832.75	27.9	0.0	27.9	0.05	0.05
1,423.0	0.80	0.00	1,422.82	20.4	0.0	20.4	0.11	-0.11
1,249.0	1.00	0.00	1,248.84	17.7	0.0	17.7	0.15	-0.15
974.0	1.40	0.00	973.90	11.9	0.0	11.9	0.14	0.14
0.0	0.00	0.00	0.00	0.0	0.0	0.0	0.00	0.00

BIT RECORD

Bit No	Size	Manufacturer	Model	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
2	8.750	ULTERRA DRILLING T	MS1666CDU	M10260	M423	6x13	1855		- -	- -

BIT OPERATING PARAMETERS TODAY

Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA - M-I SWACO

Engineer:	Brandon Smith	**MBT:**	0.0 lbm/bbl
Sample From:	In	**pH:**	8.0
Mud Type:	Spud Mud	**Pm / Pom:**	0.00
Time / MD:	12:00 / 2,866.0	**Pf / Mf:**	0.1 / 0.3
Density @ Temp:	8.70 / 75	**Chlorides:**	35,000
Rheology Temp:	120	**Ca+ / K+:**	2,200 / 0
Viscosity:	27.00	**CaCl2:**	0.00
PV / YP:	1 / 1	**Clom:**	0.59
Gels 10s/10m/30m:	1 / 1 / 1	**Lime:**	0.00
API WL:	45.00	**ES:**	100.20
HTHP WL:	0.00	**ECD:**	0.00
Cake API / HTHP:	.0 / .0	**n / K:**	0.00 / 0.000
Solids / Sol Corr:	1.80 / 0.00	**Carbonate:**	2 ppm
Oil / Water:	0.0 / 0.0	**Bicarbonate:**	0 ppm
Sand:	0.10	**Form Loss:**	0.0 / 0.0
Water Added:	0.0 bbl	**Fluid Disch:**	/
Oil Added:			
LGS:	0.30 / 2.60		

VG Meter: 1@3 / 1@6 / 1@100 / 1@200 / 2@300 / 3@600

Comments:

LAST OR CURRENT BHA

BHA No: 2 Bit No: 2 MD In: 1855 ft

Purpose: 8 3/4" PRODUCTION HOLE MD Out:

Component	OD	ID	Jts	Length
HWDP	4.500	2.810	4	120.82
DRILLING JAR	6.500	2.810	1	31.96
HWDP	4.500	2.810	8	243.64
SPIRAL DRILL COLLAR	6.500	2.870	12	355.62
ORIENTING SUB	6.500	2.870	1	4.95
3-POINT REAMER	6.500	2.870	1	7.00
SPIRAL DRILL COLLAR	6.310	2.370	1	31.02
3-POINT REAMER	6.500	2.870	1	7.38
POSITIVE DISPLACEMENT MOTOR	6.500	3.260	1	30.01
PDC BIT	8.750	2.500	1	1.00

Total Length: 833.40 ft **Wt below Jars:**

MUD PRODUCTS

Product	Units	Qty Used
AIR COMP RENT	EACH	1.00
ENGINEERING SERVICE	EACH	1.00

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	10/28/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	6

OPERATIONS

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	6:00	6.00	31PRDR	WAIT	WOEQ	PT	WAITING ON CRANE TO REMOVE TOP DRIVE AND SHIP TO SHOP
6:00	6:30	0.50	31PRDR	WAIT	WOEQ	PT	WAITING ON CRANE TO REMOVE TOP DRIVE AND SHIP TO SHOP
6:30	8:30	2.00	31PRDR	WAIT	WOEQ	PT	WAITING ON TRUCK TO SHIP TO SHOP, IN WEATHERFORD, TX, FOR REPAIRS
8:30	0:00	15.50	31PRDR	WAIT	WOEQ	PT	WAITING ON TOP DRIVE TO BE RETURNED AND IN STALL SAME
Total Time		24.00					

Safety Incident?	N	**Days since Last RI:**	315.00	**Weather Comments:**
Environ Incident?	N	**Days since Last LTA:**	315.00	

Incident Comments:
No incidents reported last 24 hours.

Other Remarks:

EAST OF ANDREWS, TEXAS, AT INTERSECTION OF HIGHWAY 115 AND FM 1788, DRIVE (SOUTH) ON FM 1788 1.75 MILES. TURN LEFT (EAST) ONTO LEASE ROAD. DRIVE 1.5 MILE, TURN RT GO .75 MILE, TO LOCATION
TRAILER TEL NUMBER: (713) 948-3590
FLIGHT FOR LIFE DIRECTIONS: LATITUDE 32°21'23.45"N, LONGITUDE 102°23'26.86"W, NAD 27

DAYS WORKED WITH NO LTA: 315
DAYS SINCE LAST RI: 315
NUMBER SAFETY MEETINGS: 8
PERMITS TO WORK: 0
STOP CARDS: 4
LO/TO: 0
JSA'S: 8

BEST STOP CARD OF THE DAY: RIG HAND NOT WEARING PERSONAL H2S MONITOR, STOPPED HIM, HE COMPLIED.

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	10/29/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	7

Wellbore / Top MD:	00 @ 0 ft	**Rig:**	SAVANNAH 643	**Ref Datum:**	ORIGINAL KB @3,073.30ft	**DFS:**	4.75
Today's MD:	2866 ft	**Progress:**	0 ft	**Ground Elev:**	3,057.90 ft	**Daily Cost:**	$13,861
Prev MD:	2866 ft	**Rot Hrs Today:**	0.00 hr	**AFE MD/Days:**	11,400.0 / 15.1 days	**Cum Cost:**	$306,131
PBMD:		**Avg ROP Today:**	0.0 ft/hr	**AFE Number:**	1138945#0202	**AFE Cost:**	$1,281,303

Current Formation: SALTS@1,950.0 **Lithology:**

Current Ops: WAIT ON TOP DRIVE TO RETURN FROM REPAIRS

24-Hr Summary: NEXT RIG MOVE & RR, DATE 11/09/2011, WAIT ON TOP DRIVE TO RETURN FROM REPAIRS.

24-Hr Forecast: WAIT ON TOP DRIVE TO RETURN FROM REPAIRS. TIH, DRILL PRODUCTION HOLE

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS	Avg	Max
Last Casing:	9.625in @ 1,855ft	**Str Wt Up/Dn:**	/	**Pump Rate:**	0.0	**Conn:**	0	0
Next Casing:	5.500in @ 11,350ft	**Str Wt Rot:**		**Pump Press:**	0	**Trip:**	0	0
Last BOP Press Test:	10/27/2011	**Torq Off Btm:**				**Backgr:**	0	0
Form Test/EMW:	FIT / 12.19 ppg	**Torq On Btm:**						

PERSONNEL

Supervisor 1:	JIM REEVES
Supervisor 2:	KIRBY GORE
Engineer:	IVAN
Geologist:	
Oxy Personnel:	2
Contractor Personnel:	18
Total on Site:	20

SURVEY DATA (LAST 6)

MD	Incl	Azi	TVD	N/-S	E/-W	VS	DLS	Build
2,400.0	1.60	0.00	2,399.60	40.8	0.0	40.8	0.11	0.11
1,833.0	1.00	0.00	1,832.75	27.9	0.0	27.9	0.05	0.05
1,423.0	0.80	0.00	1,422.82	20.4	0.0	20.4	0.11	-0.11
1,249.0	1.00	0.00	1,248.84	17.7	0.0	17.7	0.15	-0.15
974.0	1.40	0.00	973.90	11.9	0.0	11.9	0.14	0.14
0.0	0.00	0.00	0.00	0.0	0.0	0.0	0.00	0.00

BIT RECORD

Bit No	Size	Manufacturer	Model	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
2	8.750	ULTERRA DRILLING T	MS1666CDU	M10260	M423	6x13	1855		- -	- -

BIT OPERATING PARAMETERS TODAY

Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA - M-I SWACO

Engineer:	Brandon Smith	**MBT:**	0.0 lbm/bbl
Sample From:	In	**pH:**	8.0
Mud Type:	Spud Mud	**Pm / Pom:**	0.00
Time / MD:	12:00 / 2,866.0	**Pf / Mf:**	0.1 / 0.3
Density @ Temp:	8.70 / 75	**Chlorides:**	35,000
Rheology Temp:	120	**Ca+ / K+:**	2,200 / 0
Viscosity:	27.00	**CaCl2:**	0.00
PV / YP:	1 / 1	**Clom:**	0.59
Gels 10s/10m/30m:	1 / 1 / 1	**Lime:**	0.00
API WL:	45.00	**ES:**	100.20
HTHP WL:	0.00	**ECD:**	0.00
Cake API / HTHP:	.0 / .0	**n / K:**	0.00 / 0.000
Solids / Sol Corr:	1.80 / 0.00	**Carbonate:**	2 ppm
Oil / Water:	0.0 / 0.0	**Bicarbonate:**	0 ppm
Sand:	0.10	**Form Loss:**	0.0 / 0.0
Water Added:	0.0 bbl	**Fluid Disch:**	/
Oil Added:			
LGS:	0.30 / 2.60		

VG Meter: 1@3 / 1@6 / 1@100 / 1@200 / 2@300 / 3@600

Comments: 0

LAST OR CURRENT BHA

BHA No: 2 Bit No: 2 MD In: 1855 ft

Purpose: 8 3/4" PRODUCTION HOLE MD Out:

Component	OD	ID	Jts	Length
HWDP	4.500	2.810	4	120.82
DRILLING JAR	6.500	2.810	1	31.96
HWDP	4.500	2.810	8	243.64
SPIRAL DRILL COLLAR	6.500	2.870	12	355.62
ORIENTING SUB	6.500	2.870	1	4.95
3-POINT REAMER	6.500	2.870	1	7.00
SPIRAL DRILL COLLAR	6.310	2.370	1	31.02
3-POINT REAMER	6.500	2.870	1	7.38
POSITIVE DISPLACEMENT MOTOR	6.500	3.260	1	30.01
PDC BIT	8.750	2.500	1	1.00

Total Length: 833.40 ft **Wt below Jars:**

MUD PRODUCTS

Product	Units	Qty Used
AIR COMP RENT	EACH	1.00
ENGINEERING SERVICE	EACH	1.00

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	10/29/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	7

OPERATIONS

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	6:00	6.00	31PRDR	WAIT	WOEQ	PT	WAIT ON TOP DRIVE TO RETURN FROM REPAIRS.
6:00	0:00	18.00	31PRDR	WAIT	WOEQ	PT	WAIT ON TOP DRIVE TO RETURN FROM REPAIRS.
Total Time		24.00					

Safety Incident?	N	**Days since Last RI:**	316.00
Environ Incident?	N	**Days since Last LTA:**	316.00

Incident Comments:
No incidents reported last 24 hours.

Weather Comments:

Other Remarks:

EAST OF ANDREWS, TEXAS, AT INTERSECTION OF HIGHWAY 115 AND FM 1788, DRIVE (SOUTH) ON FM 1788 1.75 MILES. TURN LEFT (EAST) ONTO LEASE ROAD. DRIVE 1.5 MILE, TURN RT GO .75 MILE, TO LOCATION
TRAILER TEL NUMBER: (713) 948-3590
FLIGHT FOR LIFE DIRECTIONS: LATITUDE 32°21'23.45"N, LONGITUDE 102°23'26.86"W, NAD 27

DAYS WORKED WITH NO LTA: 316
DAYS SINCE LAST RI: 316
NUMBER SAFETY MEETINGS: 16
PERMITS TO WORK: 0
STOP CARDS: 8
LO/TO: 0
JSA'S: 16

BEST STOP CARD OF THE DAY: EMPLOYEE STANDING ON TOP RUNG OF LADDER, STOPPED JOB, EXPLAINED THE FALL HAZARD AND THE PROPER USE OF A HARNESS, JOB CONTINUED WITH OUT INCIDENT

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	10/30/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	8

Wellbore / Top MD:	00 @ 0 ft	**Rig:**	SAVANNAH 643	**Ref Datum:**	ORIGINAL KB @3,073.30ft	**DFS:**	5.75
Today's MD:	2866 ft	**Progress:**	0 ft	**Ground Elev:**	3,057.90 ft	**Daily Cost:**	$8,699
Prev MD:	2866 ft	**Rot Hrs Today:**	0.00 hr	**AFE MD/Days:**	11,400.0 / 15.1 days	**Cum Cost:**	$314,830
PBMD:		**Avg ROP Today:**	0.0 ft/hr	**AFE Number:**	1138945#0202	**AFE Cost:**	$1,281,303

Current Formation: SALTS@1,950.0 **Lithology:**

Current Ops: WAIT ON TOP DRIVE TO RETURN FROM REPAIRS.

24-Hr Summary: NEXT RIG MOVE & RR, DATE 11/09/2011, WAIT ON TOP DRIVE TO RETURN FROM REPAIRS.

24-Hr Forecast: WAIT ON TOP DRIVE TO RETURN FROM REPAIRS. TIH, DRILL PRODUCTION HOLE

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS	Avg	Max
Last Casing:	9.625in @ 1,855ft	**Str Wt Up/Dn:**	/	**Pump Rate:**	0.0	**Conn:**	0	0
Next Casing:	5.500in @ 11,350ft	**Str Wt Rot:**		**Pump Press:**	0	**Trip:**	0	0
Last BOP Press Test:	10/30/2011	**Torq Off Btm:**				**Backgr:**	0	0
Form Test/EMW:	FIT / 12.19 ppg	**Torq On Btm:**						

PERSONNEL

Supervisor 1:	JIM REEVES
Supervisor 2:	KIRBY GORE
Engineer:	IVAN OTERO
Geologist:	TIM LYONS
Oxy Personnel:	2
Contractor Personnel:	14
Total on Site:	16

SURVEY DATA (LAST 6)

MD	Incl	Azi	TVD	N/-S	E/-W	VS	DLS	Build
2,400.0	1.60	0.00	2,399.60	40.8	0.0	40.8	0.11	0.11
1,833.0	1.00	0.00	1,832.75	27.9	0.0	27.9	0.05	0.05
1,423.0	0.80	0.00	1,422.82	20.4	0.0	20.4	0.11	-0.11
1,249.0	1.00	0.00	1,248.84	17.7	0.0	17.7	0.15	-0.15
974.0	1.40	0.00	973.90	11.9	0.0	11.9	0.14	0.14
0.0	0.00	0.00	0.00	0.0	0.0	0.0	0.00	0.00

BIT RECORD

Bit No	Size	Manufacturer	Model	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
2	8.750	ULTERRA DRILLING T	MS1666CDU	M10260	M423	6x13	1855		- -	- -

BIT OPERATING PARAMETERS TODAY

Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA - M-I SWACO

Engineer:	Brandon Smith	**MBT:**	0.0 lbm/bbl
Sample From:	In	**pH:**	8.0
Mud Type:	Spud Mud	**Pm / Pom:**	0.00
Time / MD:	12:00 / 2,866.0	**Pf / Mf:**	0.1 / 0.3
Density @ Temp:	8.70 / 75	**Chlorides:**	32,000
Rheology Temp:	120	**Ca+ / K+:**	2,200 / 0
Viscosity:	27.00	**CaCl2:**	0.00
PV / YP:	1 / 1	**Clom:**	0.59
Gels 10s/10m/30m:	1 / 1 / 1	**Lime:**	0.00
API WL:	45.00	**ES:**	100.20
HTHP WL:	0.00	**ECD:**	0.00
Cake API / HTHP:	.0 / .0	**n / K:**	0.00 / 0.000
Solids / Sol Corr:	1.60 / 0.00	**Carbonate:**	2 ppm
Oil / Water:	0.0 / 0.0	**Bicarbonate:**	0 ppm
Sand:	0.10	**Form Loss:**	0.0 / 0.0
Water Added:	0.0 bbl	**Fluid Disch:**	/
Oil Added:			
LGS:	0.50 / 4.60		

VG Meter: 1@3 / 1@6 / 1@100 / 1@200 / 2@300 / 3@600

Comments: 0

LAST OR CURRENT BHA

BHA No: 2 Bit No: 2 MD In: 1855 ft

Purpose: 8 3/4" PRODUCTION HOLE MD Out:

Component	OD	ID	Jts	Length
HWDP	4.500	2.810	4	120.82
DRILLING JAR	6.500	2.810	1	31.96
HWDP	4.500	2.810	8	243.64
SPIRAL DRILL COLLAR	6.500	2.870	12	355.62
ORIENTING SUB	6.500	2.870	1	4.95
3-POINT REAMER	6.500	2.870	1	7.00
SPIRAL DRILL COLLAR	6.310	2.370	1	31.02
3-POINT REAMER	6.500	2.870	1	7.38
POSITIVE DISPLACEMENT MOTOR	6.500	3.260	1	30.01
PDC BIT	8.750	2.500	1	1.00

Total Length: 833.40 ft **Wt below Jars:**

MUD PRODUCTS

Product	Units	Qty Used
AIR COMP RENT	EACH	1.00
ENGINEERING SERVICE	EACH	1.00

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	10/30/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	8

OPERATIONS

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	6:00	6.00	31PRDR	WAIT	WOEQ	PT	WAIT ON TOP DRIVE TO RETURN FROM REPAIRS
6:00	0:00	18.00	31PRDR	WAIT	WOEQ	PT	WAIT ON TOP DRIVE TO RETURN FROM REPAIRS
Total Time		24.00					

Safety Incident?	N	**Days since Last RI:**	317.00
Environ Incident?	N	**Days since Last LTA:**	317.00

Incident Comments:
No incidents reported last 24 hours.

Weather Comments:

Other Remarks:

EAST OF ANDREWS, TEXAS, AT INTERSECTION OF HIGHWAY 115 AND FM 1788, DRIVE (SOUTH) ON FM 1788 1.75 MILES. TURN LEFT (EAST) ONTO LEASE ROAD. DRIVE 1.5 MILE, TURN RT GO .75 MILE, TO LOCATION
TRAILER TEL NUMBER: (713) 948-3590
FLIGHT FOR LIFE DIRECTIONS: LATITUDE 32°21'23.45"N, LONGITUDE 102°23'26.86"W, NAD 27

DAYS WORKED WITH NO LTA: 317
DAYS SINCE LAST RI: 317
NUMBER SAFETY MEETINGS: 16
PERMITS TO WORK: 0
STOP CARDS: 12
LO/TO: 0
JSA'S: 16

BEST STOP CARD OF THE DAY: OBSERVED TWO HANDS RIDING ON FORKLIFT, STOPPED THEM AND WENT OVER SAFETY POLICY, THEY COMPLIED AND JOB CONTINUED WITH OUT INCIDENT

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	10/31/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	9

Wellbore / Top MD:	00 @ 0 ft	**Rig:**	SAVANNAH 643	**Ref Datum:**	ORIGINAL KB @3,073.30ft	**DFS:**	6.75
Today's MD:	2866 ft	**Progress:**	0 ft	**Ground Elev:**	3,057.90 ft	**Daily Cost:**	$8,719
Prev MD:	2866 ft	**Rot Hrs Today:**	0.00 hr	**AFE MD/Days:**	11,400.0 / 15.1 days	**Cum Cost:**	$323,549
PBMD:		**Avg ROP Today:**	0.0 ft/hr	**AFE Number:**	1138945#0202	**AFE Cost:**	$1,281,303

Current Formation: SALTS@1,950.0 **Lithology:**

Current Ops: WAIT ON TOP DRIVE TO RETURN FROM REPAIRS.

24-Hr Summary: NEXT RIG MOVE & RR, DATE 11/09/2011, WAIT ON TOP DRIVE TO RETURN FROM REPAIRS.

24-Hr Forecast: WAIT ON TOP DRIVE TO RETURN FROM REPAIRS. TIH, DRILL PRODUCTION HOLE

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS	Avg	Max
Last Casing:	9.625in @ 1,855ft	**Str Wt Up/Dn:**	/	**Pump Rate:**	0.0	**Conn:**	0	0
Next Casing:	5.500in @ 11,350ft	**Str Wt Rot:**		**Pump Press:**	0	**Trip:**	0	0
Last BOP Press Test:	10/30/2011	**Torq Off Btm:**				**Backgr:**	0	0
Form Test/EMW:	FIT / 12.19 ppg	**Torq On Btm:**						

PERSONNEL

Supervisor 1:	JIM REEVES
Supervisor 2:	KIRBY GORE
Engineer:	IVAN OTERO
Geologist:	TIM LYONS
Oxy Personnel:	2
Contractor Personnel:	14
Total on Site:	16

SURVEY DATA (LAST 6)

MD	Incl	Azi	TVD	N/-S	E/-W	VS	DLS	Build
2,400.0	1.60	0.00	2,399.60	40.8	0.0	40.8	0.11	0.11
1,833.0	1.00	0.00	1,832.75	27.9	0.0	27.9	0.05	0.05
1,423.0	0.80	0.00	1,422.82	20.4	0.0	20.4	0.11	-0.11
1,249.0	1.00	0.00	1,248.84	17.7	0.0	17.7	0.15	-0.15
974.0	1.40	0.00	973.90	11.9	0.0	11.9	0.14	0.14
0.0	0.00	0.00	0.00	0.0	0.0	0.0	0.00	0.00

BIT RECORD

Bit No	Size	Manufacturer	Model	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
2	8.750	ULTERRA DRILLING T	MS1666CDU	M10260	M423	6x13	1855		- -	- -

BIT OPERATING PARAMETERS TODAY

Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA - M-I SWACO

Engineer:	Brandon Smith	**MBT:**	0.0 lbm/bbl
Sample From:	In	**pH:**	8.0
Mud Type:	Spud Mud	**Pm / Pom:**	0.00
Time / MD:	12:00 / 2,866.0	**Pf / Mf:**	0.1 / 0.3
Density @ Temp:	8.70 / 75	**Chlorides:**	32,000
Rheology Temp:	120	**Ca+ / K+:**	2,200 / 0
Viscosity:	27.00	**CaCl2:**	0.00
PV / YP:	1 / 1	**Clom:**	0.59
Gels 10s/10m/30m:	1 / 1 / 1	**Lime:**	0.00
API WL:	45.00	**ES:**	100.20
HTHP WL:	0.00	**ECD:**	0.00
Cake API / HTHP:	.0 / .0	**n / K:**	0.00 / 0.000
Solids / Sol Corr:	1.60 / 0.00	**Carbonate:**	2 ppm
Oil / Water:	0.0 / 0.0	**Bicarbonate:**	0 ppm
Sand:	0.10	**Form Loss:**	0.0 / 0.0
Water Added:	0.0 bbl	**Fluid Disch:**	/
Oil Added:			
LGS:	0.50 / 4.60		

VG Meter: 1@3 / 1@6 / 1@100 / 1@200 / 2@300 / 3@600

Comments: 0

LAST OR CURRENT BHA

BHA No: 2 Bit No: 2 MD In: 1855 ft

Purpose: 8 3/4" PRODUCTION HOLE MD Out:

Component	OD	ID	Jts	Length
HWDP	4.500	2.810	4	120.82
DRILLING JAR	6.500	2.810	1	31.96
HWDP	4.500	2.810	8	243.64
SPIRAL DRILL COLLAR	6.500	2.870	12	355.62
ORIENTING SUB	6.500	2.870	1	4.95
3-POINT REAMER	6.500	2.870	1	7.00
SPIRAL DRILL COLLAR	6.310	2.370	1	31.02
3-POINT REAMER	6.500	2.870	1	7.38
POSITIVE DISPLACEMENT MOTOR	6.500	3.260	1	30.01
PDC BIT	8.750	2.500	1	1.00

Total Length: 833.40 ft **Wt below Jars:**

MUD PRODUCTS

Product	Units	Qty Used
AIR COMP RENT	EACH	1.00
ENGINEERING SERVICE	EACH	1.00

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event: DEV DRILLING — UNIVERSITY CHLOE 3 — **Date:** 10/31/2011

Prim. Reason: ORIG DRILL VERT — USA — **Report No:** 9

OPERATIONS

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	6:00	6.00	31PRDR	WAIT	WOEQ	PT	WAIT ON TOP DRIVE TO RETURN FROM REPAIRS
6:00	0:00	18.00	31PRDR	WAIT	WOEQ	PT	WAIT ON TOP DRIVE TO RETURN FROM REPAIRS
Total Time		24.00					

Safety Incident? N — **Days since Last RI:** 318.00

Environ Incident? N — **Days since Last LTA:** 318.00

Incident Comments:
No incidents reported last 24 hours.

Weather Comments:

Other Remarks:

EAST OF ANDREWS, TEXAS, AT INTERSECTION OF HIGHWAY 115 AND FM 1788, DRIVE (SOUTH) ON FM 1788 1.75 MILES. TURN LEFT (EAST) ONTO LEASE ROAD. DRIVE 1.5 MILE, TURN RT GO .75 MILE, TO LOCATION
TRAILER TEL NUMBER: (713) 948-3590
FLIGHT FOR LIFE DIRECTIONS: LATITUDE 32°21'23.45"N, LONGITUDE 102°23'26.86"W, NAD 27

DAYS WORKED WITH NO LTA: 318
DAYS SINCE LAST RI: 318
NUMBER SAFETY MEETINGS: 10
PERMITS TO WORK: 0
STOP CARDS: 8
LO/TO: 0
JSA'S: 10

BEST STOP CARD OF THE DAY: WENT OVER JSA' FOR THE DAY, HANDS HAD GOOD SUGGESTIONS, ON HOW TO COMPLETE THE YEAR WITHOUT A RECORD ABLE INCIDENT OR ACCIDENT

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	11/01/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	10

Wellbore / Top MD:	00 @ 0 ft	**Rig:**	SAVANNAH 643	**Ref Datum:**	ORIGINAL KB @3,073.30ft	**DFS:**	7.75
Today's MD:	2866 ft	**Progress:**	0 ft	**Ground Elev:**	3,057.90 ft	**Daily Cost:**	$15,431
Prev MD:	2866 ft	**Rot Hrs Today:**	0.00 hr	**AFE MD/Days:**	11,400.0 / 15.1 days	**Cum Cost:**	$338,980
PBMD:		**Avg ROP Today:**	0.0 ft/hr	**AFE Number:**	1138945#0202	**AFE Cost:**	$1,281,303

Current Formation: SALTS@1,950.0 **Lithology:**

Current Ops: WAIT ON TOP DRIVE TO RETURN FROM REPAIRS.

24-Hr Summary: NEXT RIG MOVE & RR, DATE 11/09/2011, WAIT ON TOP DRIVE TO RETURN FROM REPAIRS.

24-Hr Forecast: WAIT ON TOP DRIVE TO RETURN FROM REPAIRS, INSTALL, TOH TO CHANGE OUT MOTOR, REAMERS, & BIT, TIH WITH 7 7/8" REAMERS

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS	Avg	Max
Last Casing:	9.625in @ 1,855ft	**Str Wt Up/Dn:**	/	**Pump Rate:**	0.0	**Conn:**	0	0
Next Casing:	5.500in @ 11,350ft	**Str Wt Rot:**		**Pump Press:**	0	**Trip:**	0	0
Last BOP Press Test:	10/30/2011	**Torq Off Btm:**				**Backgr:**	0	0
Form Test/EMW:	FIT / 12.19 ppg	**Torq On Btm:**						

PERSONNEL

Supervisor 1:	JIM REEVES
Supervisor 2:	KIRBY GORE
Engineer:	IVAN OTERO
Geologist:	TIM LYONS
Oxy Personnel:	2
Contractor Personnel:	14
Total on Site:	16

SURVEY DATA (LAST 6)

MD	Incl	Azi	TVD	N/-S	E/-W	VS	DLS	Build
2,400.0	1.60	0.00	2,399.62	39.7	0.0	39.7	0.11	0.11
1,833.0	1.00	0.00	1,832.77	26.8	0.0	26.8	0.05	0.05
1,423.0	0.80	0.00	1,422.82	20.4	0.0	20.4	0.11	-0.11
1,249.0	1.00	0.00	1,248.84	17.7	0.0	17.7	0.15	-0.15
974.0	1.40	0.00	973.90	11.9	0.0	11.9	0.14	0.14
0.0	0.00	0.00	0.00	0.0	0.0	0.0	0.00	0.00

BIT RECORD

Bit No	Size	Manufacturer	Model	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
2	8.750	ULTERRA DRILLING T	MS1666CDU	M10260	M423	6x13	1855		- -	- -

BIT OPERATING PARAMETERS TODAY

Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA - M-I SWACO

Engineer:	Ty Dove	**MBT:**	0.0 lbm/bbl
Sample From:	In	**pH:**	9.0
Mud Type:	Spud Mud	**Pm / Pom:**	0.00
Time / MD:	11:00 / 2,866.0	**Pf / Mf:**	0.1 / 0.3
Density @ Temp:	8.60 / 78	**Chlorides:**	34,000
Rheology Temp:	120	**Ca+ / K+:**	2,400 / 0
Viscosity:	28.00	**CaCl2:**	0.00
PV / YP:	1 / 1	**Clom:**	0.59
Gels 10s/10m/30m:	1 / 1 / 1	**Lime:**	0.00
API WL:	45.00	**ES:**	10.00
HTHP WL:	0.00	**ECD:**	0.00
Cake API / HTHP:	.0 / .0	**n / K:**	0.00 / 0.000
Solids / Sol Corr:	1.70 / 0.00	**Carbonate:**	2 ppm
Oil / Water:	0.0 / 0.0	**Bicarbonate:**	0 ppm
Sand:	0.01	**Form Loss:**	0.0 / 0.0
Water Added:	0.0 bbl	**Fluid Disch:**	/
Oil Added:			
LGS:	0.40 / 3.30		

VG Meter: 1@3 / 1@6 / 1@100 / 1@200 / 2@300 / 3@600

Comments: NO RECCOMENDATIONS AT THIS TIME DUE TO WAITING ON TOP DRIVE

LAST OR CURRENT BHA

BHA No: 2 Bit No: 2 MD In: 1855 ft

Purpose: 8 3/4" PRODUCTION HOLE MD Out:

Component	OD	ID	Jts	Length
HWDP	4.500	2.810	4	120.82
DRILLING JAR	6.500	2.810	1	31.96
HWDP	4.500	2.810	8	243.64
SPIRAL DRILL COLLAR	6.500	2.870	12	355.62
ORIENTING SUB	6.500	2.870	1	4.95
3-POINT REAMER	6.500	2.870	1	7.00
SPIRAL DRILL COLLAR	6.310	2.370	1	31.02
3-POINT REAMER	6.500	2.870	1	7.38
POSITIVE DISPLACEMENT MOTOR	6.500	3.260	1	30.01
PDC BIT	8.750	2.500	1	1.00

Total Length: 833.40 ft **Wt below Jars:**

MUD PRODUCTS

Product	Units	Qty Used
AIR COMP RENT	EACH	1.00
ENGINEERING SERVICE	EACH	1.00

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	11/01/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	10

OPERATIONS

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	6:00	6.00	31PRDR	WAIT	WOEQ	PT	WAIT ON TOP DRIVE TO RETURN FROM REPAIRS
6:00	0:00	18.00	31PRDR	WAIT	WOEQ	PT	WAIT ON TOP DRIVE TO RETURN FROM REPAIRS
Total Time		24.00					

Safety Incident?	N	**Days since Last RI:**	319.00
Environ Incident?	N	**Days since Last LTA:**	319.00

Incident Comments:
No incidents reported last 24 hours.

Weather Comments:

Other Remarks:

EAST OF ANDREWS, TEXAS, AT INTERSECTION OF HIGHWAY 115 AND FM 1788, DRIVE (SOUTH) ON FM 1788 1.75 MILES. TURN LEFT (EAST) ONTO LEASE ROAD. DRIVE 1.5 MILE, TURN RT GO .75 MILE, TO LOCATION
TRAILER TEL NUMBER: (713) 948-3590
FLIGHT FOR LIFE DIRECTIONS: LATITUDE 32°21'23.45"N, LONGITUDE 102°23'26.86"W, NAD 27

DAYS WORKED WITH NO LTA: 319
DAYS SINCE LAST RI: 319
NUMBER SAFETY MEETINGS: 10
PERMITS TO WORK: 0
STOP CARDS: 7
LO/TO: 0
JSA'S: 10

BEST STOP CARD OF THE DAY: EMPLOYEE MOVING DRILL PIPE WITH LOADER CLIMBED OUT AND LEFT LOADER RUNNING, HE WAS STOPPED, TOLD NEVER LEAVE MOTOR RUNNING WHEN NOT SITTING IN LOADER, HE COMPLIED.

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	11/02/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	11

Wellbore / Top MD:	00 @ 0 ft	**Rig:**	SAVANNAH 643	**Ref Datum:**	ORIGINAL KB @3,073.30ft	**DFS:**	8.75
Today's MD:	2866 ft	**Progress:**	0 ft	**Ground Elev:**	3,057.90 ft	**Daily Cost:**	$19,724
Prev MD:	2866 ft	**Rot Hrs Today:**	0.00 hr	**AFE MD/Days:**	11,400.0 / 15.1 days	**Cum Cost:**	$358,705
PBMD:		**Avg ROP Today:**	0.0 ft/hr	**AFE Number:**	1138945#0202	**AFE Cost:**	$1,281,303

Current Formation: SALTS@1,950.0 **Lithology:**

Current Ops: RIG UP TOP DRIVE,

24-Hr Summary: NEXT RIG MOVE 11/09/2011, WAIT ON TOP DRIVE TO RETURN FROM REPAIRS, RIG UP TOP DRIVE,

24-Hr Forecast: INSTALL TOP DRIVE, TEST MOTOR, TIH, DRILL 8 3/4" PRODUCTION HOLE

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS	Avg	Max
Last Casing:	9.625in @ 1,855ft	**Str Wt Up/Dn:**	/	**Pump Rate:**	0.0	**Conn:**	0	0
Next Casing:	5.500in @ 11,350ft	**Str Wt Rot:**		**Pump Press:**	0	**Trip:**	0	0
Last BOP Press Test:	10/30/2011	**Torq Off Btm:**				**Backgr:**	0	0
Form Test/EMW:	FIT / 12.19 ppg	**Torq On Btm:**						

PERSONNEL

Supervisor 1:	KERIM HUSEYNOV
Supervisor 2:	KIRBY GORE
Engineer:	IVAN OTERO
Geologist:	TIM LYONS
Oxy Personnel:	2
Contractor Personnel:	17
Total on Site:	19

SURVEY DATA (LAST 6)

MD	Incl	Azi	TVD	N/-S	E/-W	VS	DLS	Build
2,400.0	1.60	0.00	2,399.60	40.8	0.0	40.8	0.11	0.11
1,833.0	1.00	0.00	1,832.75	27.9	0.0	27.9	0.05	0.05
1,423.0	0.80	0.00	1,422.82	20.4	0.0	20.4	0.11	-0.11
1,249.0	1.00	0.00	1,248.84	17.7	0.0	17.7	0.15	-0.15
974.0	1.40	0.00	973.90	11.9	0.0	11.9	0.14	0.14
0.0	0.00	0.00	0.00	0.0	0.0	0.0	0.00	0.00

BIT RECORD

Bit No	Size	Manufacturer	Model	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
2	8.750	ULTERRA DRILLING T	MS1666CDU	M10260	M423	6x13	1855		- -	- -

BIT OPERATING PARAMETERS TODAY

Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA - M-I SWACO

Engineer:	Ty Dove	**MBT:**	0.0 lbm/bbl
Sample From:	In	**pH:**	9.5
Mud Type:	Spud Mud	**Pm / Pom:**	0.00
Time / MD:	19:30 / 2,866.0	**Pf / Mf:**	0.2 / 0.3
Density @ Temp:	8.60 / 0	**Chlorides:**	33,000
Rheology Temp:	120	**Ca+ / K+:**	2,600 / 0
Viscosity:	27.00	**CaCl2:**	0.00
PV / YP:	1 / 1	**Clom:**	0.00
Gels 10s/10m/30m:	1 / 1 / 1	**Lime:**	0.00
API WL:	45.00	**ES:**	0.00
HTHP WL:	0.00	**ECD:**	0.00
Cake API / HTHP:	.0 / .0	**n / K:**	0.00 / 0.000
Solids / Sol Corr:	1.70 / 0.00	**Carbonate:**	4 ppm
Oil / Water:	0.0 / 99.6	**Bicarbonate:**	0 ppm
Sand:	0.01	**Form Loss:**	0.0 / 0.0
Water Added:	0.0 bbl	**Fluid Disch:**	/
Oil Added:			
LGS:	0.40 / 3.90		

VG Meter: 1@3 / 1@6 / 1@100 / 1@200 / 2@300 / 3@600

Comments: Replacement top drive arrived and its currently being installed.

LAST OR CURRENT BHA

BHA No: 2 Bit No: 2 MD In: 1855 ft

Purpose: 8 3/4" PRODUCTION HOLE MD Out:

Component	OD	ID	Jts	Length
HWDP	4.500	2.810	4	120.82
DRILLING JAR	6.500	2.810	1	31.96
HWDP	4.500	2.810	8	243.64
SPIRAL DRILL COLLAR	6.500	2.870	12	355.62
ORIENTING SUB	6.500	2.870	1	4.95
3-POINT REAMER	6.500	2.870	1	7.00
SPIRAL DRILL COLLAR	6.310	2.370	1	31.02
3-POINT REAMER	6.500	2.870	1	7.38
POSITIVE DISPLACEMENT MOTOR	6.500	3.260	1	30.01
PDC BIT	8.750	2.500	1	1.00

Total Length: 833.40 ft **Wt below Jars:**

MUD PRODUCTS

Product	Units	Qty Used
AIR COMP RENT	EACH	1.00
ENGINEERING SERVICE	EACH	1.00

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	11/02/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	11

OPERATIONS

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	6:00	6.00	31PRDR	WAIT	WOEQ	PT	WAIT ON TOP DRIVE TO RETURN FROM REPAIRS
6:00	13:00	7.00	31PRDR	WAIT	WOEQ	PT	WAIT ON TOP DRIVE TO RETURN FROM REPAIRS, CRANE ARRIVED @ 0900 HRS, TOP DRIVE ON LOCATION 12:45.
13:00	0:00	11.00	31PRDR	RIGMT	REP	PT	INSTALLTOP DRIVE ON FLOOR AND RIG UP TOP DRIVE, CONNECT ELECTRIC, HYDRAULIC AND MUD LINES.
Total Time		24.00					

Safety Incident?	N	**Days since Last RI:**	320.00
Environ Incident?	N	**Days since Last LTA:**	320.00

Incident Comments:
No incidents reported last 24 hours.

Weather Comments:

Other Remarks:

EAST OF ANDREWS, TEXAS, AT INTERSECTION OF HIGHWAY 115 AND FM 1788, DRIVE (SOUTH) ON FM 1788 1.75 MILES. TURN LEFT (EAST) ONTO LEASE ROAD. DRIVE 1.5 MILE, TURN RT GO .75 MILE, TO LOCATION
TRAILER TEL NUMBER: (713) 948-3590
FLIGHT FOR LIFE DIRECTIONS: LATITUDE 32°21'23.45"N, LONGITUDE 102°23'26.86"W, NAD 27

DAYS WORKED WITH NO LTA: 320
DAYS SINCE LAST RI: 320
NUMBER SAFETY MEETINGS: 8
PERMITS TO WORK: 0
STOP CARDS: 4
LO/TO: 0
JSA'S: 8

BEST STOP CARD OF THE DAY: EMPLOYEE CLIMBED THE TOP DRIVE WITH HARNESS BUT NO FALL ARRESTOR ATTACHED, STOP HIM, TOLD HIM TO COME DOWN, PROPERLY ATTACH FALL ARRESTOR, HE COMPLIED AND JOB CONTINUED

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	11/03/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	12

Wellbore / Top MD:	00 @ 0 ft	**Rig:**	SAVANNAH 643	**Ref Datum:**	ORIGINAL KB @3,073.30ft	**DFS:**	9.75
Today's MD:	4450 ft	**Progress:**	1584 ft	**Ground Elev:**	3,057.90 ft	**Daily Cost:**	$26,578
Prev MD:	2866 ft	**Rot Hrs Today:**	12.00 hr	**AFE MD/Days:**	11,400.0 / 15.1 days	**Cum Cost:**	$385,283
PBMD:		**Avg ROP Today:**	132.0 ft/hr	**AFE Number:**	1138945#0202	**AFE Cost:**	$1,281,303

Current Formation: QUEEN A@4,380.0 **Lithology:**

Current Ops: DRILLING 8 3/4" SECTION 4950'

24-Hr Summary: RIG UP TOP DRIVE, RUN IN HOLE TO 2866', CIRCULATE BOTTOMS, DRILL FROM 2866' TO 4450', RIG MOVE 11/10/2011

24-Hr Forecast: DRILL 8-3/4" PRODUCTION HOLE SECTION

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS	Avg	Max
Last Casing:	9.625in @ 1,855ft	**Str Wt Up/Dn:**	134.0/ 130.0 kip	**Pump Rate:**	304.8	**Conn:**	0	0
Next Casing:	5.500in @ 11,350ft	**Str Wt Rot:**	131.0 kip	**Pump Press:**	2250	**Trip:**	0	0
Last BOP Press Test:	10/30/2011	**Torq Off Btm:**	7,550.0 ft-lbf			**Backgr:**	0	0
Form Test/EMW:	FIT / 12.19 ppg	**Torq On Btm:**	9,000.0 ft-lbf					

PERSONNEL

Supervisor 1:	KERIM HUSEYNOV
Supervisor 2:	RON BAILEY
Engineer:	IVAN OTERO
Geologist:	TIM LYONS
Oxy Personnel:	2
Contractor Personnel:	14
Total on Site:	16

SURVEY DATA (LAST 6)

MD	Incl	Azi	TVD	N/-S	E/-W	VS	DLS	Build
3,225.0	1.90	0.00	3,224.16	67.9	0.0	67.9	0.02	-0.02
2,782.0	2.00	0.00	2,781.41	52.8	0.0	52.8	0.10	0.10
2,400.0	1.60	0.00	2,399.60	40.8	0.0	40.8	0.11	0.11
1,833.0	1.00	0.00	1,832.75	27.9	0.0	27.9	0.05	0.05
1,423.0	0.80	0.00	1,422.82	20.4	0.0	20.4	0.11	-0.11
1,249.0	1.00	0.00	1,248.84	17.7	0.0	17.7	0.15	-0.15

BIT RECORD

Bit No	Size	Manufacturer	Model	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
2	8.750	ULTERRA DRILLING T	MS1666CDU	M10260	M423	6x13	1855		- -	- -

BIT OPERATING PARAMETERS TODAY

Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI
2	12.00	18.50	1584	2595	132.0	140.3	10.6/24.8	59/76	0.778	543	247.5	3.2

MUD DATA - M-I SWACO

Engineer:	Ty Dove	**MBT:**	0.0 lbm/bbl
Sample From:	In	**pH:**	10.0
Mud Type:	Spud Mud	**Pm / Pom:**	0.00
Time / MD:	22:00 / 4,251.0	**Pf / Mf:**	0.3 / 0.5
Density @ Temp:	9.40 / 80	**Chlorides:**	100,000
Rheology Temp:	120	**Ca+ / K+:**	2,000 / 0
Viscosity:	28.00	**CaCl2:**	0.00
PV / YP:	1 / 1	**Clom:**	0.00
Gels 10s/10m/30m:	1 / 1 / 1	**Lime:**	0.00
API WL:	45.00	**ES:**	0.00
HTHP WL:	0.00	**ECD:**	9.55
Cake API / HTHP:	.0 / .0	**n / K:**	0.00 / 0.000
Solids / Sol Corr:	5.50 / 0.00	**Carbonate:**	6 ppm
Oil / Water:	0.0 / 98.7	**Bicarbonate:**	0 ppm
Sand:	0.01	**Form Loss:**	0.0 / 0.0
Water Added:	50.0 bbl	**Fluid Disch:**	/
Oil Added:			
LGS:	1.30 / 11.50		

VG Meter: 1@3 / 1@6 / 1@100 / 1@200 / 2@300 / 3@600

Comments: Currently drilling ahead and mud is prepared and ready to displace.

LAST OR CURRENT BHA

BHA No: 2 Bit No: 2 MD In: 1855 ft

Purpose: 8 3/4" PRODUCTION HOLE MD Out:

Component	OD	ID	Jts	Length
HWDP	4.500	2.810	4	120.82
DRILLING JAR	6.500	2.810	1	31.96
HWDP	4.500	2.810	8	243.64
SPIRAL DRILL COLLAR	6.500	2.870	12	355.62
ORIENTING SUB	6.500	2.870	1	4.95
3-POINT REAMER	6.500	2.870	1	7.00
SPIRAL DRILL COLLAR	6.310	2.370	1	31.02
3-POINT REAMER	6.500	2.870	1	7.38
POSITIVE DISPLACEMENT MOTOR	6.500	3.260	1	30.01
PDC BIT	8.750	2.500	1	1.00

Total Length: 833.40 ft **Wt below Jars:** 37.5 kip

MUD PRODUCTS

Product	Units	Qty Used
AIR COMP RENT	EACH	1.00
CAUSTIC SODA	BG,50 LB	27.00
CEDAR FIBER CHIP SEAL	BG,40 LB	14.00
ENGINEERING SERVICE	EACH	1.00
FIBER SEAL	BG,40 LB	2.00
LIME	BG,50 LB	13.00
MF-55	CAN,5 GA	7.00
M-I BAR	100 LBS/SK	55.00
MY LO JEL	BG,50 LB	63.00
MYACIDE GA25	CAN,5 GA	4.00
PECAN NUT PLUG MEDIUM	BG,50 LB	3.00
SODA ASH	BG,50 LB	14.00

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event: DEV DRILLING — UNIVERSITY CHLOE 3 — **Date:** 11/03/2011

Prim. Reason: ORIG DRILL VERT — USA — **Report No:** 12

OPERATIONS

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	9:00	9.00	31PRDR	RIGMT	REP	PT	RIG UP TOP DRIVE, INSTALL MUD LINES SENSORS, CALIBRATE SAME.
9:00	11:00	2.00	31PRDR	TRIP	DRILL	PT	RUN IN HOLE BELOW THE SHOE, TEST MOTOR - GOOD TEST, CONTINUE RUN IN HOLE TO 2866' NO RESTRICTION OBSERVED, CIRCULATE BOTTOMS UP NO TRACES OF H2S.
11:00	15:00	4.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 2866' TO 3428', AVG ROP 140 FPH WOB 10-15K. FLOW RATE 610 GPM, TD RPM 70, MUD MOTOR RPM 110, TOTAL BIT RPM 180, 1830 PSI OFF BOTTOM, 1520 PSI ON BTM. TORQ 5K OFF BTM, 9K ON BTM. CIRCULATE OUTER RESERVE MUD WT 9.6 VIS 28 PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60 SAFETY BREAK TOPIC: COLD WEATHER
15:00	19:00	4.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 3428' TO 3,965, AVG ROP 134 FPH WOB 10-15K. FLOW RATE 610 GPM, TD RPM 70, MUD MOTOR RPM 110, TOTAL BIT RPM 180, 2000 PSI OFF BOTTOM, 2200 PSI ON BTM. TORQ 5K OFF BTM, 9K ON BTM. CIRCULATE OUTER RESERVE MUD WT 9.6 VIS 28 PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60 SAFETY BREAK TOPIC: LOCKOUT AND TAGOUT
19:00	19:30	0.50	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 3,965 TO 4013', AVG ROP 96 FPH WOB 10-15K. FLOW RATE 610 GPM, TD RPM 70, MUD MOTOR RPM 110, TOTAL BIT RPM 180, 2000 PSI OFF BOTTOM, 2200 PSI ON BTM. TORQ 5K OFF BTM, 9K ON BTM. CIRCULATE OUTER RESERVE MUD WT 9.8 VIS 28 PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60' SAFETY BREAK TOPIC: SAFE USE OF OTC COLD REMEDIES
19:30	20:30	1.00	31PRDR	DRILL	MTRVER	PT	REPAIR HYDRAULIC OIL LEAK ON TOP DRIVE (REPLACE O-RING) CIRCULATE THROUGH CIRCULATING SWEDGE
20:30	0:00	3.50	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 4013' TO 4450', AVG ROP 125 FPH WOB 10-15K. FLOW RATE 610 GPM, TD RPM 70, MUD MOTOR RPM 110, TOTAL BIT RPM 180, 2000 PSI OFF BOTTOM, 2200 PSI ON BTM. TORQ 5K OFF BTM, 9K ON BTM. CIRCULATE OUTER RESERVE MUD WT 9.9 VIS 28 PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60' SAFETY BREAK TOPIC: WORKING SAFELY WITH LADDERS
Total Time		24.00					

Safety Incident? N — **Days since Last RI:** 321.00

Environ Incident? N — **Days since Last LTA:** 321.00

Incident Comments:
No incidents reported last 24 hours.

Weather Comments:

Other Remarks:

EAST OF ANDREWS, TEXAS, AT INTERSECTION OF HIGHWAY 115 AND FM 1788, DRIVE (SOUTH) ON FM 1788 1.75 MILES. TURN LEFT (EAST) ONTO LEASE ROAD. DRIVE 1.5 MILE, TURN RT GO .75 MILE, TO LOCATION
TRAILER TEL NUMBER: (713) 948-3590
FLIGHT FOR LIFE DIRECTIONS: LATITUDE 32°21'23.45"N, LONGITUDE 102°23'26.86"W, NAD 27

DAYS WORKED WITH NO LTA: 321
DAYS SINCE LAST RI: 321
NUMBER SAFETY MEETINGS: 13
PERMITS TO WORK: 0
STOP CARDS: 9
LO/TO: 0
JSA'S: 11

BEST STOP CARD OF THE DAY: WORKER WAS WEARING ANTI-FALL PROTECTION, BUT WAS STANDING ON TOP RUNG ON LADDER. HAD HIM GET THE LONGER LADDER AND CONTINUE.

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	11/04/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	13

Wellbore / Top MD:	00 @ 0 ft	**Rig:**	SAVANNAH 643	**Ref Datum:**	ORIGINAL KB @3,073.30ft	**DFS:**	10.75
Today's MD:	6165 ft	**Progress:**	1715 ft	**Ground Elev:**	3,057.90 ft	**Daily Cost:**	$32,611
Prev MD:	4450 ft	**Rot Hrs Today:**	24.00 hr	**AFE MD/Days:**	11,400.0 / 15.1 days	**Cum Cost:**	$417,894
PBMD:		**Avg ROP Today:**	71.5 ft/hr	**AFE Number:**	1138945#0202	**AFE Cost:**	$1,281,303

Current Formation: SAN ANDRES@5,200.0 **Lithology:**

Current Ops: DRILLING 8 3/4" PRODUCTION HOLE SECTION AT 6700'

24-Hr Summary: DRILL 8-3/4" HOLE 4,450' TO 6,165', RIG MOVE 11/10/2011

24-Hr Forecast: DRILL 8-3/4" HOLE TO 11,350'

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS	Avg	Max
Last Casing:	9.625in @ 1,855ft	**Str Wt Up/Dn:**	157.0/ 154.0 kip	**Pump Rate:**	606.8	**Conn:**	0	0
Next Casing:	5.500in @ 11,350ft	**Str Wt Rot:**	154.0 kip	**Pump Press:**	2400	**Trip:**	0	0
Last BOP Press Test:	10/30/2011	**Torq Off Btm:**	7,500.0 ft-lbf			**Backgr:**	0	0
Form Test/EMW:	FIT / 12.19 ppg	**Torq On Btm:**	9,000.0 ft-lbf					

PERSONNEL

Supervisor 1:	KERIM HUSEYNOV
Supervisor 2:	RON BAILEY
Engineer:	IVAN OTERO
Geologist:	TIM LYONS
Oxy Personnel:	2
Contractor Personnel:	14
Total on Site:	16

SURVEY DATA (LAST 6)

MD	Incl	Azi	TVD	N/-S	E/-W	VS	DLS	Build
5,572.0	0.70	0.00	5,570.64	113.5	0.0	113.5	0.09	0.09
5,254.0	0.40	0.00	5,252.65	110.4	0.0	110.4	0.09	-0.09
4,938.0	0.70	0.00	4,936.67	107.4	0.0	107.4	0.08	-0.08
4,431.0	1.10	0.00	4,429.73	99.4	0.0	99.4	0.07	-0.07
3,225.0	1.90	0.00	3,224.16	67.9	0.0	67.9	0.02	-0.02
2,782.0	2.00	0.00	2,781.41	52.8	0.0	52.8	0.10	0.10

BIT RECORD

Bit No	Size	Manufacturer	Model	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
2	8.750	ULTERRA DRILLING T	MS1666CDU	M10260	M423	6x13	1855		- -	- -

BIT OPERATING PARAMETERS TODAY

Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI
2	24.00	42.50	1715	4310	71.5	101.4	20.0/25.0	40/67	0.778	527	250.3	3.1

MUD DATA - M-I SWACO

Engineer:	Ty Dove	**MBT:**	20.0 lbm/bbl
Sample From:	In	**pH:**	10.5
Mud Type:	M-I Gel Mud	**Pm / Pom:**	0.00
Time / MD:	20:30 / 5,980.0	**Pf / Mf:**	0.1 / 0.3
Density @ Temp:	9.40 / 80	**Chlorides:**	57,000
Rheology Temp:	120	**Ca+ / K+:**	1,600 / 0
Viscosity:	39.00	**CaCl2:**	0.00
PV / YP:	5 / 18	**Clom:**	0.00
Gels 10s/10m/30m:	13 / 15 / 16	**Lime:**	0.00
API WL:	45.00	**ES:**	0.00
HTHP WL:	0.00	**ECD:**	9.78
Cake API / HTHP:	2.0 / .0	**n / K:**	0.00 / 0.000
Solids / Sol Corr:	2.90 / 0.00	**Carbonate:**	2 ppm
Oil / Water:	0.0 / 97.8	**Bicarbonate:**	0 ppm
Sand:	0.01	**Form Loss:**	0.0 / 0.0
Water Added:	300.0 bbl	**Fluid Disch:**	/
Oil Added:			
LGS:	4.20 / 38.20		

VG Meter: 12@3 / 13@6 / 18@100 / 21@200 / 23@300 / 28@600

Comments: Successfully displaced with M_I Gel mud @ 11;903 stks.
Currently Drilling ahead.

LAST OR CURRENT BHA

BHA No: 2 Bit No: 2 MD In: 1855 ft

Purpose: 8 3/4" PRODUCTION HOLE MD Out:

Component	OD	ID	Jts	Length
HWDP	4.500	2.810	4	120.82
DRILLING JAR	6.500	2.810	1	31.96
HWDP	4.500	2.810	8	243.64
SPIRAL DRILL COLLAR	6.500	2.870	12	355.62
ORIENTING SUB	6.500	2.870	1	4.95
3-POINT REAMER	6.500	2.870	1	7.00
SPIRAL DRILL COLLAR	6.310	2.370	1	31.02
3-POINT REAMER	6.500	2.870	1	7.38
POSITIVE DISPLACEMENT MOTOR	6.500	3.260	1	30.01
PDC BIT	8.750	2.500	1	1.00

Total Length: 833.40 ft **Wt below Jars:** 37.5 kip

MUD PRODUCTS

Product	Units	Qty Used
AIR COMP RENT	EACH	1.00
ENGINEERING SERVICE	EACH	1.00

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event: DEV DRILLING — UNIVERSITY CHLOE 3 — **Date:** 11/04/2011

Prim. Reason: ORIG DRILL VERT — USA — **Report No:** 13

OPERATIONS

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	4:00	4.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 4450' TO 4820', AVG ROP 92.5 FPH WOB 10-15K. FLOW RATE 610 GPM, TD RPM 70, MUD MOTOR RPM 110, TOTAL BIT RPM 180, 2000 PSI OFF BOTTOM, 2350 PSI ON BTM. TORQ 5K OFF BTM, 10K ON BTM. CIRCULATE OUTER RESERVE MUD WT 9.9 VIS 28 PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60' SAFETY BREAK TOPIC: COLD WEATHER OTC REMEDIES
4:00	6:00	2.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 4820' TO 4950', AVG ROP 75 FPH WOB 10-15K. FLOW RATE 610 GPM, TD RPM 70, MUD MOTOR RPM 110, TOTAL BIT RPM 180, 2000 PSI OFF BOTTOM, 2350 PSI ON BTM. TORQ 5K OFF BTM, 10K ON BTM. DISPLACE NATIVE BRINE WITH GEL MUD PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60'
6:00	10:00	4.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 4950' TO 5215', AVG ROP 66 FPH WOB 20-25K. FLOW RATE 590 GPM, TD RPM 45, MUD MOTOR RPM 105, TOTAL BIT RPM 150, 1900 PSI OFF BOTTOM, 2100 PSI ON BTM. TORQ 6K OFF BTM, 7.5K ON BTM. CIRCULATE STEEL PITS MW 9.1 PPG, VIS 37 SEC, PH 10 PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60'
10:00	14:00	4.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 5215' TO 5500', AVG ROP 71 FPH WOB 20-25K. FLOW RATE 590 GPM, TD RPM 45, MUD MOTOR RPM 105, TOTAL BIT RPM 150, 1900 PSI OFF BOTTOM, 2100 PSI ON BTM. TORQ 6K OFF BTM, 7.5K ON BTM. CIRCULATE STEEL PITS MW 8.9 PPG, VIS 41 SEC, PH 11 PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60'
14:00	18:00	4.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 5500' TO 5820', AVG ROP 80 FPH WOB 20-25K. FLOW RATE 590 GPM, TD RPM 45, MUD MOTOR RPM 105, TOTAL BIT RPM 150, 1900 PSI OFF BOTTOM, 2100 PSI ON BTM. TORQ 6K OFF BTM, 7.5K ON BTM. CIRCULATE STEEL PITS MW 8.9 PPG, VIS 41 SEC, PH 11 PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60'
18:00	22:00	4.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 5820' TO 6000', AVG ROP 45 FPH WOB 20-25K. FLOW RATE 590 GPM, TD RPM 50, MUD MOTOR RPM 109, TOTAL BIT RPM 159, 1900 PSI OFF BOTTOM, 2400 PSI ON BTM. TORQ 6K OFF BTM, 7.8K ON BTM. CIRCULATE STEEL PITS MW 8.9 PPG, VIS 41 SEC, PH 11 PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60'
22:00	0:00	2.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 6000' TO 6165, AVG ROP 32 FPH WOB 20-25K. FLOW RATE 600 GPM, TD RPM 67, MUD MOTOR RPM 107, TOTAL BIT RPM 174, 1900 PSI OFF BOTTOM, 2300 PSI ON BTM. TORQ 6K OFF BTM, 7.5K ON BTM. CIRCULATE STEEL PITS MW 9.6 PPG, VIS 41 SEC, PH 11 PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60'
Total Time		24.00					

Safety Incident? N — **Days since Last RI:** 322.00

Environ Incident? N — **Days since Last LTA:** 322.00

Incident Comments:
No incidents reported last 24 hours.

Weather Comments:

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3	**Date:**	11/04/2011
Prim. Reason:	ORIG DRILL VERT	USA	**Report No:**	13

Other Remarks:

EAST OF ANDREWS, TEXAS, AT INTERSECTION OF HIGHWAY 115 AND FM 1788, DRIVE (SOUTH) ON FM 1788 1.75 MILES. TURN LEFT (EAST) ONTO LEASE ROAD. DRIVE 1.5 MILE, TURN RT GO .75 MILE, TO LOCATION
TRAILER TEL NUMBER: (713) 948-3590
FLIGHT FOR LIFE DIRECTIONS: LATITUDE 32°21'23.45"N, LONGITUDE 102°23'26.86"W, NAD 27

DAYS WORKED WITH NO LTA: 322
DAYS SINCE LAST RI: 322
NUMBER SAFETY MEETINGS: 15
PERMITS TO WORK: 0
STOP CARDS: 12
LO/TO: 1
JSA'S: 13

BEST STOP CARD OF THE DAY: WORKER USING BENCH GRINDER, NOT USING THE FULL FACE PROTECTION. STOPPED HIM, EXPLAINED THE REASON FOR THE FACE PROTECTION, HE CONTINUED HIS TASK

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	11/05/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	14

Wellbore / Top MD:	00 @ 0 ft	**Rig:**	SAVANNAH 643	**Ref Datum:**	ORIGINAL KB @3,073.30ft	**DFS:**	11.75
Today's MD:	8065 ft	**Progress:**	1900 ft	**Ground Elev:**	3,057.90 ft	**Daily Cost:**	$41,442
Prev MD:	6165 ft	**Rot Hrs Today:**	23.50 hr	**AFE MD/Days:**	11,400.0 / 15.1 days	**Cum Cost:**	$459,336
PBMD:		**Avg ROP Today:**	80.9 ft/hr	**AFE Number:**	1138945#0202	**AFE Cost:**	$1,281,303

Current Formation: SAN ANDRES@5,200.0 **Lithology:**

Current Ops: DRILLING @ 8575'

24-Hr Summary: DRILL 8-3/4" PRODUCTION HOLE FROM 6165' TO 8065', RIG MOVE 11/10/2011

24-Hr Forecast: DRILL 8-3/4" PRODUCTION HOLE FROM 8065' TO +/- 9500'

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS	Avg	Max
Last Casing:	9.625in @ 1,855ft	**Str Wt Up/Dn:**	197.0/ 167.0 kip	**Pump Rate:**	600.9	**Conn:**	8	12
Next Casing:	5.500in @ 11,350ft	**Str Wt Rot:**	180.0 kip	**Pump Press:**	2600	**Trip:**	0	0
Last BOP Press Test:	10/30/2011	**Torq Off Btm:**	7,000.0 ft-lbf			**Backgr:**	6	10
Form Test/EMW:	FIT / 12.19 ppg	**Torq On Btm:**	10,500.0 ft-lbf					

PERSONNEL

Supervisor 1:	KERIM HUSEYNOV
Supervisor 2:	RON BAILEY
Engineer:	IVAN OTERO
Geologist:	TIM LYONS
Oxy Personnel:	2
Contractor Personnel:	14
Total on Site:	16

SURVEY DATA (LAST 6)

MD	Incl	Azi	TVD	N/-S	E/-W	VS	DLS	Build
7,286.0	0.90	0.00	7,284.52	133.1	0.0	133.1	0.11	0.11
6,716.0	0.30	0.00	6,714.55	127.1	0.0	127.1	0.13	-0.13
6,336.0	0.80	0.00	6,334.57	123.5	0.0	123.5	0.01	0.01
5,572.0	0.70	0.00	5,570.64	113.5	0.0	113.5	0.09	0.09
5,254.0	0.40	0.00	5,252.65	110.4	0.0	110.4	0.09	-0.09
4,938.0	0.70	0.00	4,936.67	107.4	0.0	107.4	0.08	-0.08

BIT RECORD

Bit No	Size	Manufacturer	Model	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
2	8.750	ULTERRA DRILLING T	MS1666CDU	M10260	M423	6x13	1855		- -	- -

BIT OPERATING PARAMETERS TODAY

Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI
2	23.50	66.00	1900	6210	80.9	94.1	22.0/28.0	58/70	0.778	495	247.9	2.9

MUD DATA - M-I SWACO

Engineer:	Ty Dove	**MBT:**	22.0 lbm/bbl
Sample From:	In	**pH:**	10.0
Mud Type:	M-I Gel Mud	**Pm / Pom:**	0.00
Time / MD:	10:15 / 7,115.0	**Pf / Mf:**	0.1 / 0.2
Density @ Temp:	9.00 / 80	**Chlorides:**	15,000
Rheology Temp:	120	**Ca+ / K+:**	200 / 0
Viscosity:	41.00	**CaCl2:**	0.00
PV / YP:	7 / 14	**Clom:**	0.00
Gels 10s/10m/30m:	16 / 18 / 19	**Lime:**	0.00
API WL:	45.00	**ES:**	0.00
HTHP WL:	0.00	**ECD:**	9.32
Cake API / HTHP:	3.0 / .0	**n / K:**	0.00 / 0.000
Solids / Sol Corr:	0.70 / 0.00	**Carbonate:**	2 ppm
Oil / Water:	0.0 / 98.2	**Bicarbonate:**	0 ppm
Sand:	0.01	**Form Loss:**	0.0 / 0.0
Water Added:	0.0 bbl	**Fluid Disch:**	/
Oil Added:			
LGS:	4.00 / 36.30		

VG Meter: 12@3 / 13@6 / 16@100 / 19@200 / 21@300 / 28@600

Comments: Currently drilling ahead with no issues.

LAST OR CURRENT BHA

BHA No: 2 Bit No: 2 MD In: 1855 ft

Purpose: 8 3/4" PRODUCTION HOLE MD Out:

Component	OD	ID	Jts	Length
HWDP	4.500	2.810	4	120.82
DRILLING JAR	6.500	2.810	1	31.96
HWDP	4.500	2.810	8	243.64
SPIRAL DRILL COLLAR	6.500	2.870	12	355.62
ORIENTING SUB	6.500	2.870	1	4.95
3-POINT REAMER	6.500	2.870	1	7.00
SPIRAL DRILL COLLAR	6.310	2.370	1	31.02
3-POINT REAMER	6.500	2.870	1	7.38
POSITIVE DISPLACEMENT MOTOR	6.500	3.260	1	30.01
PDC BIT	8.750	2.500	1	1.00

Total Length: 833.40 ft **Wt below Jars:** 37.5 kip

MUD PRODUCTS

Product	Units	Qty Used
AIR COMP RENT	EACH	1.00
CAUSTIC SODA	BG,50 LB	38.00
ENGINEERING SERVICE	EACH	1.00
FEDERAL BENTONITE	BG,100 LB	16.00
LIME	BG,50 LB	30.00
M-I GEL BULK	TON	40.00
PECAN NUT PLUG MEDIUM	BG,50 LB	37.00
SODA ASH	BG,50 LB	53.00

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event: DEV DRILLING | UNIVERSITY CHLOE 3 | **Date:** 11/05/2011

Prim. Reason: ORIG DRILL VERT | USA | **Report No:** 14

OPERATIONS

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	4:00	4.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 6165' TO 6505', AVG ROP 85 FPH WOB 20-25K. FLOW RATE 600 GPM, TD RPM 67, MUD MOTOR RPM 107, TOTAL BIT RPM 174, 1900 PSI OFF BOTTOM, 2550 PSI ON BTM. TORQ 6K OFF BTM, 8K ON BTM. CIRCULATE STEEL PITS MW OUT 9.6 PPG, MUD WT IN 9.5 VIS 41 SEC, PH 10.5 DUMP AND DILUTE TO CONTROL MUD WT SURVEY @ 6336 ' INC 0.80 DEGREES PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60'
4:00	6:00	2.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 6505' TO 6700', AVG ROP 97 FPH WOB 20-25K. FLOW RATE 589 GPM, TD RPM 66, MUD MOTOR RPM 105, TOTAL BIT RPM 171, 2050 PSI OFF BOTTOM, 2450 PSI ON BTM. TORQ 7K OFF BTM, 10K ON BTM. CIRCULATE STEEL PITS MW OUT 9.6 PPG, MUD WT IN 9.5 VIS 39 SEC, PH 10.5 DUMP AND DILUTE TO CONTROL MUD WT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60'
6:00	10:00	4.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 6700' TO 7100', AVG ROP 100 FPH WOB 20-25K. FLOW RATE 589 GPM, TD RPM 66, MUD MOTOR RPM 105, TOTAL BIT RPM 171, 2050 PSI OFF BOTTOM, 2450 PSI ON BTM. TORQ 7K OFF BTM, 10K ON BTM. CIRCULATE STEEL PITS MW OUT 8.9 PPG, MUD WT IN 9.0 VIS 39 SEC, PH 12 DUMP AND DILUTE TO CONTROL MUD WT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60'
10:00	13:30	3.50	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 7100' TO 7370', AVG ROP 77 FPH WOB 20-25K. FLOW RATE 590 GPM, TD RPM 50, MUD MOTOR RPM 105, TOTAL BIT RPM 155, 2000 PSI OFF BOTTOM, 2400 PSI ON BTM. TORQ 7K OFF BTM, 10K ON BTM. CIRCULATE STEEL PITS MW OUT 9.1 PPG, MUD WT IN 9.0 VIS 39 SEC, PH 12 DUMP AND DILUTE TO CONTROL MUD WT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60
13:30	14:00	0.50	31PRDR	DRILL	MTRVER	P	RIG SERVICE
14:00	18:00	4.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 7370' TO 7670', AVG ROP 75 FPH WOB 20-25K. FLOW RATE 600 GPM, TD RPM 45, MUD MOTOR RPM 107, TOTAL BIT RPM 152, 2250 PSI OFF BOTTOM, 2680 PSI ON BTM. TORQ 7K OFF BTM, 9K ON BTM. CIRCULATE STEEL PITS MW OUT 9.1 PPG, MUD WT IN 9.0 VIS 39 SEC, PH 12 DUMP AND DILUTE TO CONTROL MUD WT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60
18:00	22:00	4.00	31PRDR	DRILL	MTRDIR	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 7670' TO 7935', AVG ROP 66 FPH WOB 20-25K. FLOW RATE 600 GPM, TD RPM 70, MUD MOTOR RPM 107, TOTAL BIT RPM 177, 2100 PSI OFF BOTTOM, 2580 PSI ON BTM. TORQ 7K OFF BTM, 11K ON BTM. CIRCULATE STEEL PITS MWT OUT 9.0 PPG, MWT IN 8.9 PPG VIS 39 SEC, PH 12 DUMP AND DILUTE TO CONTROL MUD WT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event: DEV DRILLING | UNIVERSITY CHLOE 3 | **Date:** 11/05/2011

Prim. Reason: ORIG DRILL VERT | USA | **Report No:** 14

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
22:00	0:00	2.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 7935' TO 8065', AVG ROP 65 FPH WOB 20-25K. FLOW RATE 600 GPM, TD RPM 60, MUD MOTOR RPM 107, TOTAL BIT RPM 167, 2230 PSI OFF BOTTOM, 2580 PSI ON BTM. TORQ 7K OFF BTM, 11K ON BTM. CIRCULATE STEEL PITS MWT OUT 9.0 PPG, MWT IN 8.9 PPG VIS 39 SEC, PH 11 DUMP AND DILUTE TO CONTROL MUD WT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60
Total Time		24.00					

Safety Incident? N **Days since Last RI:** 323.00

Environ Incident? N **Days since Last LTA:** 323.00

Incident Comments:
No incidents reported last 24 hours.

Weather Comments:

Other Remarks:

EAST OF ANDREWS, TEXAS, AT INTERSECTION OF HIGHWAY 115 AND FM 1788, DRIVE (SOUTH) ON FM 1788 1.75 MILES. TURN LEFT (EAST) ONTO LEASE ROAD. DRIVE 1.5 MILE, TURN RT GO .75 MILE, TO LOCATION
TRAILER TEL NUMBER: (713) 948-3590
FLIGHT FOR LIFE DIRECTIONS: LATITUDE 32°21'23.45"N, LONGITUDE 102°23'26.86"W, NAD 27

DAYS WORKED WITH NO LTA: 323
DAYS SINCE LAST RI: 323
NUMBER SAFETY MEETINGS: 17
PERMITS TO WORK: 0
STOP CARDS: 14
LO/TO:
JSA'S: 15

BEST STOP CARD OF THE DAY:THIRD PARTY SMOKING IN THE WRONG AREA, STOPPED WORKER AND EXPLAINED WHERE THE RIGHT PLACE TO SMOKE WAS, HE COMPLIED

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	11/06/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	15

Wellbore / Top MD:	00 @ 0 ft	**Rig:**	SAVANNAH 643	**Ref Datum:**	ORIGINAL KB @3,073.30ft	**DFS:**	12.75
Today's MD:	9606 ft	**Progress:**	1541 ft	**Ground Elev:**	3,057.90 ft	**Daily Cost:**	$43,203
Prev MD:	8065 ft	**Rot Hrs Today:**	25.00 hr	**AFE MD/Days:**	11,400.0 / 15.1 days	**Cum Cost:**	$502,539
PBMD:		**Avg ROP Today:**	61.6 ft/hr	**AFE Number:**	1138945#0202	**AFE Cost:**	$1,281,303

Current Formation: SPRABERRY@8,450.0 **Lithology:**

Current Ops: DRILLING 8 3/4" HOLE SECTION AT 9860'

24-Hr Summary: DRILL 8-3/4" HOLE 8,065' TO 9,606'

24-Hr Forecast: DRILL 8-3/4" HOLE FROM 9,606", RR 10/10/2011, ROL 10/10/2011

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS	Avg	Max
Last Casing:	9.625in @ 1,855ft	**Str Wt Up/Dn:**	219.0/ 189.0 kip	**Pump Rate:**	603.8	**Conn:**	0	0
Next Casing:	5.500in @ 11,350ft	**Str Wt Rot:**	202.0 kip	**Pump Press:**	2825	**Trip:**	0	0
Last BOP Press Test:	10/30/2011	**Torq Off Btm:**	7,000.0 ft-lbf			**Backgr:**	0	0
Form Test/EMW:	FIT / 12.19 ppg	**Torq On Btm:**	10,170.0 ft-lbf					

PERSONNEL

Supervisor 1:	KERIM HUSEYNOV
Supervisor 2:	RON BAILEY
Engineer:	IVAN OTERO
Geologist:	TIM LYONS
Oxy Personnel:	2
Contractor Personnel:	14
Total on Site:	16

SURVEY DATA (LAST 6)

MD	Incl	Azi	TVD	N/-S	E/-W	VS	DLS	Build
9,000.0	1.60	0.00	8,998.23	164.1	0.0	164.1	0.18	0.18
8,555.0	0.80	0.00	8,553.33	154.8	0.0	154.8	0.06	-0.06
8,049.0	1.10	0.00	8,047.40	146.4	0.0	146.4	0.03	0.03
7,286.0	0.90	0.00	7,284.52	133.1	0.0	133.1	0.11	0.11
6,716.0	0.30	0.00	6,714.55	127.1	0.0	127.1	0.13	-0.13
6,336.0	0.80	0.00	6,334.57	123.5	0.0	123.5	0.01	0.01

BIT RECORD

Bit No	Size	Manufacturer	Model	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
2	8.750	ULTERRA DRILLING T	MS1666CDU	M10260	M423	6x13	1855		- -	- -

BIT OPERATING PARAMETERS TODAY

Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI
2	25.00	91.00	1541	7751	61.6	85.2	14.0/26.0	46/52	0.778	499	247.5	2.9

MUD DATA - M-I SWACO

Engineer:	Ty Dove	**MBT:**	0.0 lbm/bbl
Sample From:	In	**pH:**	8.0
Mud Type:	FW Gel	**Pm / Pom:**	0.00
Time / MD:	10:30 / 1,853.0	**Pf / Mf:**	0.1 / 0.2
Density @ Temp:	9.10 / 80	**Chlorides:**	8,000
Rheology Temp:	120	**Ca+ / K+:**	400 / 0
Viscosity:	41.00	**CaCl2:**	0.00
PV / YP:	4 / 27	**Clom:**	0.00
Gels 10s/10m/30m:	11 / 13 / 14	**Lime:**	0.00
API WL:	6.00	**ES:**	0.00
HTHP WL:	0.00	**ECD:**	0.00
Cake API / HTHP:	2.0 / .0	**n / K:**	0.00 / 0.000
Solids / Sol Corr:	0.40 / 0.00	**Carbonate:**	2 ppm
Oil / Water:	0.0 / 93.3	**Bicarbonate:**	0 ppm
Sand:	0.01	**Form Loss:**	0.0 / 0.0
Water Added:	250.0 bbl	**Fluid Disch:**	/
Oil Added:			
LGS:	6.70 / 61.30		

VG Meter: 21@3 / 22@6 / 26@100 / 29@200 / 31@300 / 35@600

Comments:

LAST OR CURRENT BHA

BHA No: 2 Bit No: 2 MD In: 1855 ft

Purpose: 8 3/4" PRODUCTION HOLE MD Out:

Component	OD	ID	Jts	Length
HWDP	4.500	2.810	4	120.82
DRILLING JAR	6.500	2.810	1	31.96
HWDP	4.500	2.810	8	243.64
SPIRAL DRILL COLLAR	6.500	2.870	12	355.62
ORIENTING SUB	6.500	2.870	1	4.95
3-POINT REAMER	6.500	2.870	1	7.00
SPIRAL DRILL COLLAR	6.310	2.370	1	31.02
3-POINT REAMER	6.500	2.870	1	7.38
POSITIVE DISPLACEMENT MOTOR	6.500	3.260	1	30.01
PDC BIT	8.750	2.500	1	1.00

Total Length: 833.40 ft **Wt below Jars:** 37.5 kip

MUD PRODUCTS

Product	Units	Qty Used
AIR COMP RENT	EACH	1.00
CAUSTIC SODA	BG,50 LB	30.00
CEDAR FIBER CHIP SEAL	BG,40 LB	12.00
ENGINEERING SERVICE	EACH	1.00
FEDERAL BENTONITE	BG,100 LB	32.00
FIBER SEAL	BG,40 LB	9.00
M-I BAR	100 LBS/SK	4.00
MICA FINE	BG,50 LB	5.00
M-I-X II COARSE	BG,25 LB	15.00
M-I-X II MEDIUM	BG,25 LB	12.00
PECAN NUT PLUG MEDIUM	BG,50 LB	31.00
SODA ASH	BG,50 LB	17.00

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event: DEV DRILLING | UNIVERSITY CHLOE 3 | **Date:** 11/06/2011

Prim. Reason: ORIG DRILL VERT | USA | **Report No:** 15

OPERATIONS

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	4:00	5.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 8065' TO 8420', AVG ROP 71 FPH WOB 20-25K. FLOW RATE 600 GPM, TD RPM 46, MUD MOTOR RPM 107, TOTAL BIT RPM 153, 2230 PSI OFF BOTTOM, 2700 PSI ON BTM. TORQ 7K OFF BTM, 11K ON BTM. CIRCULATE STEEL PITS MWT OUT 9.1 PPG, MWT IN 9.0 PPG VIS 39 SEC, PH 11 DUMP AND DILUTE TO CONTROL MUD WT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60
4:00	6:00	2.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 8420' TO 8575', AVG ROP 77 FPH WOB 20-25K. FLOW RATE 600 GPM, TD RPM 46, MUD MOTOR RPM 107, TOTAL BIT RPM 153, 2230 PSI OFF BOTTOM, 2700 PSI ON BTM. TORQ 7K OFF BTM, 11K ON BTM. CIRCULATE STEEL PITS MWT OUT 9.1 PPG, MWT IN 9.0 PPG VIS 39 SEC, PH 11 DUMP AND DILUTE TO CONTROL MUD WT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60
6:00	10:00	4.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 8575' TO 8875', AVG ROP 75 FPH WOB 15-20K. FLOW RATE 600 GPM, TD RPM 60, MUD MOTOR RPM 107, TOTAL BIT RPM 167, 2230 PSI OFF BOTTOM, 2700 PSI ON BTM. TORQ 7K OFF BTM, 8.5K ON BTM. CIRCULATE STEEL PITS MWT OUT 9.0 PPG, MWT IN 9.0 PPG VIS 43 SEC, PH 12 DUMP AND DILUTE TO CONTROL MUD WT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60
10:00	14:00	4.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 8875' TO 9125', AVG ROP 62 FPH WOB 15-20K. FLOW RATE 600 GPM, TD RPM 60, MUD MOTOR RPM 107, TOTAL BIT RPM 167, 2250 PSI OFF BOTTOM, 2850 PSI ON BTM. TORQ 7K OFF BTM, 11K ON BTM. CIRCULATE STEEL PITS MWT OUT 9.1 PPG, MWT IN 9.0 PPG VIS 40 SEC, PH 12 DUMP AND DILUTE TO CONTROL MUD WT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60
14:00	18:00	4.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 9125' TO 9360', AVG ROP 58 FPH WOB 15-20K. FLOW RATE 600 GPM, TD RPM 54, MUD MOTOR RPM 107, TOTAL BIT RPM 161, 2250 PSI OFF BOTTOM, 2850 PSI ON BTM. TORQ 7K OFF BTM, 11K ON BTM. CIRCULATE STEEL PITS MWT OUT 9.1 PPG, MWT IN 9.0 PPG VIS 46 SEC, PH 10.5 DUMP AND DILUTE TO CONTROL MUD WT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60
18:00	22:00	4.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 9360 TO 9525' AVG ROP 41 FPH WOB 20-25K. FLOW RATE 600 GPM, TD RPM 49, MUD MOTOR RPM 107, TOTAL BIT RPM 156, 2250 PSI OFF BOTTOM, 2850 PSI ON BTM. TORQ 7K OFF BTM, 11K ON BTM. CIRCULATE STEEL PITS MWT OUT 9.1 PPG, MWT IN 9.1 PPG VIS 40 SEC, PH 12 DUMP AND DILUTE TO CONTROL MUD WT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60
22:00	0:00	2.00	31PRDR	DRILL	MTRDIR	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 9525 TO 9606' AVG ROP 40 FPH WOB 20-24 K. FLOW RATE 600 GPM, TD RPM 53, MUD MOTOR RPM 107, TOTAL BIT RPM 160, 2250 PSI OFF BOTTOM, 2850 PSI ON BTM. TORQ 7K OFF BTM, 11K ON BTM. CIRCULATE STEEL PITS MWT OUT 9.1 PPG, MWT IN 9.1 PPG VIS 40 SEC, PH 10 DUMP AND DILUTE TO CONTROL MUD WT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60
Total Time		25.00					

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	11/06/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	15

Safety Incident?	N	**Days since Last RI:**	324.00	**Weather Comments:**
Environ Incident?	N	**Days since Last LTA:**	324.00	

Incident Comments:
No incidents reported last 24 hours.

Other Remarks:

EAST OF ANDREWS, TEXAS, AT INTERSECTION OF HIGHWAY 115 AND FM 1788, DRIVE (SOUTH) ON FM 1788 1.75 MILES. TURN LEFT (EAST) ONTO LEASE ROAD. DRIVE 1.5 MILE, TURN RT GO .75 MILE, TO LOCATION
TRAILER TEL NUMBER: (713) 948-3590
FLIGHT FOR LIFE DIRECTIONS: LATITUDE 32°21'23.45"N, LONGITUDE 102°23'26.86"W, NAD 27

DAYS WORKED WITH NO LTA: 324
DAYS SINCE LAST RI: 324
NUMBER SAFETY MEETINGS: 17
PERMITS TO WORK: 0
STOP CARDS: 19
LO/TO:
JSA'S: 15

BEST STOP CARD OF THE DAY: WORKER WALKING ON CATWALK WHILE THE SKATE WAS PUSHING A JOINT OF PIPE UP THE V-DOOR. STOPPED THE JOB; EXPLAINED TO BOTH WORKERS INVOLVED THE HAZARDS. THEY AGREED. THE JOB CONTINUED WITHOUT INCIDENT

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	11/07/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	16

Wellbore / Top MD:	00 @ 0 ft	**Rig:**	SAVANNA 643	**Ref Datum:**	ORIGINAL KB @3,073.30ft	**DFS:**	13.75
Today's MD:	10,420 ft	**Progress:**	814 ft	**Ground Elev:**	3,057.90 ft	**Daily Cost:**	$30,800
Prev MD:	9606 ft	**Rot Hrs Today:**	22.50 hr	**AFE MD/Days:**	11,400.0 / 15.1 days	**Cum Cost:**	$642,292
PBMD:		**Avg ROP Today:**	36.2 ft/hr	**AFE Number:**	1138945#0202	**AFE Cost:**	$1,281,303

Current Formation: U WOLFCAMP@9,900.0 **Lithology:**

Current Ops: DRILL 8-3/4" PRODUCTION HOLE SECTION AT 10555'

24-Hr Summary: DRILL 8-3/4" HOLE 9,606' TO 10,420'

24-Hr Forecast: DRILL 8-3/4" HOLE TO 11,350', RR 11/11/2011, ROL 11/11/2011

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS	Avg	Max
Last Casing:	9.625in @ 1,855ft	**Str Wt Up/Dn:**	240.0/ 225.0 kip	**Pump Rate:**	598.0	**Conn:**	2	6
Next Casing:	5.500in @ 11,350ft	**Str Wt Rot:**	230.0 kip	**Pump Press:**	2650	**Trip:**	0	0
Last BOP Press Test:	10/30/2011	**Torq Off Btm:**	7,000.0 ft-lbf			**Backgr:**	2	6
Form Test/EMW:	FIT / 12.19 ppg	**Torq On Btm:**	10,100.0 ft-lbf					

PERSONNEL

Supervisor 1:	KERIM HUSEYNOV
Supervisor 2:	RON BAILEY
Engineer:	IVAN OTERO
Geologist:	TIM LYONS
Oxy Personnel:	2
Contractor Personnel:	14
Total on Site:	16

SURVEY DATA (LAST 6)

MD	Incl	Azi	TVD	N/-S	E/-W	VS	DLS	Build
10,274.0	0.70	0.00	10,271.60	203.5	0.0	203.5	0.57	-0.57
10,082.0	1.80	0.00	10,079.65	199.3	0.0	199.3	0.23	-0.23
9,825.0	2.40	0.00	9,822.83	189.9	0.0	189.9	0.32	0.32
9,637.0	1.80	0.00	9,634.95	183.0	0.0	183.0	0.03	0.03
9,000.0	1.60	0.00	8,998.23	164.1	0.0	164.1	0.18	0.18
8,555.0	0.80	0.00	8,553.33	154.8	0.0	154.8	0.06	-0.06

BIT RECORD

Bit No	Size	Manufacturer	Model	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
2	8.750	ULTERRA DRILLING T	MS1666CDU	M10260	M423	6x13	1855		- -	- -

BIT OPERATING PARAMETERS TODAY

Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI
2	22.50	113.50	814	8565	36.2	75.5	15.0/28.0	43/55	0.778	501	246.7	2.9

MUD DATA - M-I SWACO

Engineer:	Ty Dove	**MBT:**	20.0 lbm/bbl
Sample From:	In	**pH:**	9.0
Mud Type:	M-I Gel Mud	**Pm / Pom:**	0.00
Time / MD:	22:30 / 10,070.0	**Pf / Mf:**	0.1 / 0.4
Density @ Temp:	9.20 / 100	**Chlorides:**	35,000
Rheology Temp:	120	**Ca+ / K+:**	600 / 0
Viscosity:	40.00	**CaCl2:**	0.00
PV / YP:	5 / 24	**Clom:**	0.00
Gels 10s/10m/30m:	20 / 22 / 23	**Lime:**	0.00
API WL:	45.00	**ES:**	0.00
HTHP WL:	0.00	**ECD:**	9.69
Cake API / HTHP:	3.0 / .0	**n / K:**	0.00 / 0.000
Solids / Sol Corr:	1.70 / 0.00	**Carbonate:**	2 ppm
Oil / Water:	0.0 / 97.8	**Bicarbonate:**	0 ppm
Sand:	0.01	**Form Loss:**	0.0 / 0.0
Water Added:	0.0 bbl	**Fluid Disch:**	/
Oil Added:			
LGS:	4.10 / 37.70		

VG Meter: 20@3 / 23@6 / 25@100 / 28@200 / 29@300 / 34@600

Comments: Last 24 hours: Drilled F/9568"-T/10;070"". Currently drilling ahead with minimal losses and no issues.

LAST OR CURRENT BHA

BHA No: 2 Bit No: 2 MD In: 1855 ft

Purpose: 8 3/4" PRODUCTION HOLE MD Out:

Component	OD	ID	Jts	Length
HWDP	4.500	2.810	4	120.82
DRILLING JAR	6.500	2.810	1	31.96
HWDP	4.500	2.810	8	243.64
SPIRAL DRILL COLLAR	6.500	2.870	12	355.62
ORIENTING SUB	6.500	2.870	1	4.95
3-POINT REAMER	6.500	2.870	1	7.00
SPIRAL DRILL COLLAR	6.310	2.370	1	31.02
3-POINT REAMER	6.500	2.870	1	7.38
POSITIVE DISPLACEMENT MOTOR	6.500	3.260	1	30.01
PDC BIT	8.750	2.500	1	1.00

Total Length: 833.40 ft **Wt below Jars:** 37.5 kip

MUD PRODUCTS

Product	Units	Qty Used
AIR COMP RENT	EACH	1.00
CAUSTIC SODA	BG,50 LB	21.00
CEDAR FIBER CHIP SEAL	BG,40 LB	4.00
ENGINEERING SERVICE	EACH	1.00
M-I-X II MEDIUM	BG,25 LB	8.00
PECAN NUT PLUG MEDIUM	BG,50 LB	24.00

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event: DEV DRILLING | UNIVERSITY CHLOE 3 | **Date:** 11/07/2011

Prim. Reason: ORIG DRILL VERT | USA | **Report No:** 16

OPERATIONS

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	0:30	0.50	31PRDR	DRILL	MTRDIR	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 9606' TO 9632' AVG ROP 52 FPH WOB 20-24 K. FLOW RATE 600 GPM, TD RPM 53, MUD MOTOR RPM 107, TOTAL BIT RPM 160, 2250 PSI OFF BOTTOM, 2850 PSI ON BTM. TORQ 7K OFF BTM, 11K ON BTM. CIRCULATE STEEL PITS MWT OUT 9.1 PPG, MWT IN 9.1 PPG VIS 40 SEC, PH 10 DUMP AND DILUTE TO CONTROL MUD WT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60
0:30	1:00	0.50	31PRDR	RIGMT	SRVRIG	P	SERVICE RIG
1:00	4:00	3.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM TO 9632' TO 9780' AVG ROP 49 FPH WOB 25-30 K. FLOW RATE 600 GPM, TD RPM 57, MUD MOTOR RPM 107, TOTAL BIT RPM 164, 2250 PSI OFF BOTTOM, 2850 PSI ON BTM. TORQ 7K OFF BTM, 11K ON BTM. SURVEY @ 9637' INC 1.8 DEGREES CIRCULATE STEEL PITS MWT OUT 9.1 PPG, MWT IN 9.1 PPG VIS 40 SEC, PH 10 DUMP AND DILUTE TO CONTROL MUD WT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60
4:00	6:00	2.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 9780' TO 9860' AVG ROP 90 FPH WOB 20-25 K. FLOW RATE 600 GPM, TD RPM 51, MUD MOTOR RPM 107, TOTAL BIT RPM 158, 2250 PSI OFF BOTTOM, 2850 PSI ON BTM. TORQ 7K OFF BTM, 11K ON BTM. CIRCULATE STEEL PITS MWT OUT 8.9 PPG, MWT IN 8.9 PPG VIS 40 SEC, PH 10 DUMP AND DILUTE TO CONTROL MUD WT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60
6:00	10:00	4.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 9860' TO 10020' AVG ROP 40 FPH WOB 15-20 K. FLOW RATE 600 GPM, TD RPM 60, MUD MOTOR RPM 107, TOTAL BIT RPM 167, 2450 PSI OFF BOTTOM, 2850 PSI ON BTM. TORQ 7K OFF BTM, 8K ON BTM. MWT OUT 9.0 PPG, MWT IN 9.0 PPG VIS 44 SEC, PH 10 DUMP AND DILUTE TO CONTROL MUD WT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60
10:00	14:00	4.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 10020' TO 10165' AVG ROP 36 FPH WOB 15-20 K. FLOW RATE 600 GPM, TD RPM 60, MUD MOTOR RPM 107, TOTAL BIT RPM 167, 2450 PSI OFF BOTTOM, 2350 PSI ON BTM. TORQ 7K OFF BTM, 8K ON BTM. MWT OUT 9.0 PPG, MWT IN 9.0 PPG VIS 44 SEC, PH 10 DUMP AND DILUTE TO CONTROL MUD WT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60
14:00	18:00	4.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 10,165' TO 10,297' AVG ROP 33 FPH WOB 20-25 K. FLOW RATE 600 GPM, TD RPM 53, MUD MOTOR RPM 107, TOTAL BIT RPM 160, 2450 PSI OFF BOTTOM, 2700 PSI ON BTM. TORQ 7K OFF BTM, 13K ON BTM. MWT OUT 9.0 PPG, MWT IN 9.0 PPG VIS 44 SEC, PH 10 DUMP AND DILUTE TO CONTROL MUD WT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60
18:00	19:00	1.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 10297' TO 10,328' AVG ROP 31 FPH WOB 15-20 K. FLOW RATE 600 GPM, TD RPM 60, MUD MOTOR RPM 107, TOTAL BIT RPM 167, 2450 PSI OFF BOTTOM, 2850 PSI ON BTM. TORQ 7K OFF BTM, 8K ON BTM. MWT OUT 9.0 PPG, MWT IN 9.0 PPG VIS 44 SEC, PH 10 DUMP AND DILUTE TO CONTROL MUD WT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event: DEV DRILLING — UNIVERSITY CHLOE 3 — **Date:** 11/07/2011

Prim. Reason: ORIG DRILL VERT — USA — **Report No:** 16

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
19:00	20:30	1.50	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 10297' TO 10,344' AVG ROP 10 FPH WOB 15-16 K. FLOW RATE 382 GPM, TD RPM 60, MUD MOTOR RPM 68, TOTAL BIT RPM 129, 1300 PSI OFF BOTTOM, 1365 PSI ON BTM. TORQ 7K OFF BTM, 10K ON BTM. NOTE: DRILL WITH PUMP #1 WHILE REPAIRING PUMP #2 MWT OUT 9.0 PPG, MWT IN 9.0 PPG VIS 44 SEC, PH 10 DUMP AND DILUTE TO CONTROL MUD WT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60
20:30	23:00	2.50	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 10344' TO 10,420' AVG ROP 30 FPH WOB 15-20 K. FLOW RATE 600 GPM, TD RPM 60, MUD MOTOR RPM 107, TOTAL BIT RPM 167, 2450 PSI OFF BOTTOM, 2850 PSI ON BTM. TORQ 7K OFF BTM, 8K ON BTM. MWT OUT 9.0 PPG, MWT IN 9.0 PPG VIS 44 SEC, PH 10 DUMP AND DILUTE TO CONTROL MUD WT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60
23:00	0:00	1.00	31PRDR	DRILL	MTRVER	PT	CIRCULATE WITH PUMP #1, REPAIR PUMP #2 RATE 367 GPM PUMP PRESSURE 994 PSI TD RPM 38 MUD MOTOR RPM 65 TOTAL RPM 103
Total Time		24.00					

Safety Incident? N — **Days since Last RI:** 325.00

Environ Incident? N — **Days since Last LTA:** 325.00

Incident Comments:
No incidents reported last 24 hours.

Weather Comments:

Other Remarks:

EAST OF ANDREWS, TEXAS, AT INTERSECTION OF HIGHWAY 115 AND FM 1788, DRIVE (SOUTH) ON FM 1788 1.75 MILES. TURN LEFT (EAST) ONTO LEASE ROAD. DRIVE 1.5 MILE, TURN RT GO .75 MILE, TO LOCATION
TRAILER TEL NUMBER: (713) 948-3590
FLIGHT FOR LIFE DIRECTIONS: LATITUDE 32°21'23.45"N, LONGITUDE 102°23'26.86"W, NAD 27

DAYS WORKED WITH NO LTA: 325
DAYS SINCE LAST RI: 325
NUMBER SAFETY MEETINGS: 18
PERMITS TO WORK: 0
STOP CARDS: 112
LO/TO: 2
JSA'S: 16

BEST STOP CARD OF THE DAY: POSITIVE STOP CARD. HANDS HAD MUD PUMP LOCKED OUT / TAGGED OUT WHILE CHANGING #2 SUCTION SEAT ON FLUID END.

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	11/08/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	17

Wellbore / Top MD:	00 @ 0 ft	**Rig:**	SAVANNA 643	**Ref Datum:**	ORIGINAL KB @3,073.30ft	**DFS:**	14.75
Today's MD:	10,585 ft	**Progress:**	165 ft	**Ground Elev:**	3,057.90 ft	**Daily Cost:**	$44,864
Prev MD:	10,420 ft	**Rot Hrs Today:**	7.00 hr	**AFE MD/Days:**	11,400.0 / 15.1 days	**Cum Cost:**	$687,155
PBMD:		**Avg ROP Today:**	23.6 ft/hr	**AFE Number:**	1138945#0202	**AFE Cost:**	$1,281,303

Current Formation: WOLFCAMP@9,900.0 **Lithology:**

Current Ops: TRIP IN HOLE AT 9500'

24-Hr Summary: DRILL 8-3/4" HOLE TO 10,585'. TOH BIT #2. CHANGE ROLLER REAMERS AND MOTOR; TIH BIT #3 TO 1844'

24-Hr Forecast: CONTINUE TIH; CIRCULATE BOTTOMS UP, DRILL 7-7/8" HOLE TO 11,350', RR 11/12/2011, ROL 11/12/2011

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS	Avg	Max
Last Casing:	9.625in @ 1,855ft	**Str Wt Up/Dn:**	240.0/ 225.0 kip	**Pump Rate:**	609.7	**Conn:**	2	9
Next Casing:	5.500in @ 11,350ft	**Str Wt Rot:**	230.0 kip	**Pump Press:**	2650	**Trip:**	0	0
Last BOP Press Test:	10/30/2011	**Torq Off Btm:**	7,000.0 ft-lbf			**Backgr:**	1	3
Form Test/EMW:	FIT / 12.19 ppg	**Torq On Btm:**	10,100.0 ft-lbf					

PERSONNEL

Supervisor 1:	KERIM HUSEYNOV
Supervisor 2:	RON BAILEY
Engineer:	IVAN OTERO
Geologist:	TIM LYONS
Oxy Personnel:	2
Contractor Personnel:	14
Total on Site:	16

SURVEY DATA (LAST 6)

MD	Incl	Azi	TVD	N/-S	E/-W	VS	DLS	Build
10,479.0	0.70	0.00	10,476.59	206.0	0.0	206.0	0.00	0.00
10,274.0	0.70	0.00	10,271.60	203.5	0.0	203.5	0.57	-0.57
10,082.0	1.80	0.00	10,079.65	199.3	0.0	199.3	0.23	-0.23
9,825.0	2.40	0.00	9,822.83	189.9	0.0	189.9	0.32	0.32
9,637.0	1.80	0.00	9,634.95	183.0	0.0	183.0	0.03	0.03
9,000.0	1.60	0.00	8,998.23	164.1	0.0	164.1	0.18	0.18

BIT RECORD

Bit No	Size	Manufacturer	Model	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
3	7.875	ULTERRA DRILLING T	MS1666CDG	M10651	M432	6x16	10,585		- -	- -
2	8.750	ULTERRA DRILLING T	MS1666CDU	M10260	M423	6x13	1855	10,585	5-5-BT-A	D-1-WT-PR

BIT OPERATING PARAMETERS TODAY

Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI
2	7.00	120.50	165	8730	23.6	72.4	15.0/28.0	43/55	0.778	532	251.5	3.1

MUD DATA - M-I SWACO

Engineer:	Brandon Smith	**MBT:**	0.0 lbm/bbl
Sample From:	In	**pH:**	9.5
Mud Type:	M-I Gel Mud	**Pm / Pom:**	0.00
Time / MD:	18:00 / 10,585.0	**Pf / Mf:**	0.2 / 0.5
Density @ Temp:	9.40 / 75	**Chlorides:**	30,000
Rheology Temp:	120	**Ca+ / K+:**	760 / 0
Viscosity:	40.00	**CaCl2:**	0.00
PV / YP:	6 / 23	**Clom:**	0.27
Gels 10s/10m/30m:	12 / 15 / 17	**Lime:**	0.00
API WL:	0.00	**ES:**	6.30
HTHP WL:	0.00	**ECD:**	0.00
Cake API / HTHP:	11.0 / .0	**n / K:**	0.00 / 0.000
Solids / Sol Corr:	1.40 / 0.00	**Carbonate:**	4 ppm
Oil / Water:	0.0 / 0.0	**Bicarbonate:**	0 ppm
Sand:	0.20	**Form Loss:**	0.0 / 0.0
Water Added:	0.0 bbl	**Fluid Disch:**	/
Oil Added:			
LGS:	6.00 / 54.70		

VG Meter: 12@3 / 15@6 / 22@100 / 27@200 / 29@300 / 35@600

Comments: 0

LAST OR CURRENT BHA

BHA No: 3 Bit No: 3 MD In: 10,585 ft

Purpose: DRILLING PRODUCTION HOLE SECTION MD Out:

Component	OD	ID	Jts	Length
HWDP	4.500	2.810	4	120.82
HYDRAULIC JAR	6.500	2.810	1	31.96
HWDP	4.500	2.810	8	243.64
DRILL COLLAR	6.500	2.870	12	355.62
ORIENTING SUB	6.500	2.870	1	4.95
3-POINT REAMER	6.500	2.870	1	6.51
DRILL COLLAR	6.500	2.370	1	31.02
3-POINT REAMER	6.500	2.870	1	6.82
POSITIVE DISPLACEMENT MOTOR	6.500	3.260	1	30.37
PDC BIT	7.875		1	1.00

Total Length: 832.71 ft **Wt below Jars:** 37.5 kip

MUD PRODUCTS

Product	Units	Qty Used
AIR COMP RENT	EACH	1.00
CAUSTIC SODA	BG,50 LB	2.00
DEFOAM A	CAN,5 GA	1.00
ENGINEERING SERVICE	EACH	1.00
PECAN NUT PLUG MEDIUM	BG,50 LB	15.00

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	11/08/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	17

OPERATIONS

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	0:30	0.50	31PRDR	DRILL	MTRVER	PT	CIRCULATE WITH PUMP #1, REPAIR PUMP #2 RATE 367 GPM PUMP PRESSURE 994 PSI TD RPM 38 MUD MOTOR RPM 65 TOTAL RPM 103
0:30	4:00	3.50	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 10,420' TO 10,500' AVG ROP 23 FPH WOB 20-30K. FLOW RATE 600 GPM, TD RPM 50, MUD MOTOR RPM 107, TOTAL BIT RPM 157, 2350 PSI OFF BOTTOM, 2650 PSI ON BTM. TORQ 7K OFF BTM, 10K ON BTM. MWT OUT 9.1 PPG, MWT IN 9.0 PPG VIS 46 SEC, PH 10 DUMP AND DILUTE TO CONTROL MUD WT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60
4:00	6:00	2.00	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 10,500' TO 10,555' AVG ROP 27 FPH WOB 20-30K. FLOW RATE 600 GPM, TD RPM 50, MUD MOTOR RPM 107, TOTAL BIT RPM 157, 2350 PSI OFF BOTTOM, 2650 PSI ON BTM. TORQ 7K OFF BTM, 10K ON BTM. SURVEY @ 10479' INC 0.7 DEGREES MWT OUT 9.1 PPG, MWT IN 9.0 PPG VIS 46 SEC, PH 10 DUMP AND DILUTE TO CONTROL MUD WT PUMP 40 BBL 60+ VIS GEL SWEEP EVERY 60
6:00	7:30	1.50	31PRDR	DRILL	MTRVER	P	DRILLING 8 3/4" PRODUCTION HOLE, FROM 10,555' TO 10,585' AVG ROP 20 FPH WOB 20-30K. FLOW RATE 600 GPM, TD RPM 50, MUD MOTOR RPM 107, TOTAL BIT RPM 157, 2350 PSI OFF BOTTOM, 2650 PSI ON BTM. TORQ 7K OFF BTM, 10K ON BTM.
7:30	9:00	1.50	31PRDR	CIRC	CNDHOL	P	CIRCULATE BOTTOMS UP PRIOR TO TRIP OUT OF THE HOLE, PUMP SLUG.
9:00	16:30	7.50	31PRDR	TRIP	DRILL	P	TOOH FROM 10585' TO 9 5/8" CASING SHOE AT 1855'
16:30	17:30	1.00	31PRDR	RIGMT	SRVRIG	P	SLIP & CUT DRILL LINE
17:30	20:00	2.50	31PRDR	TRIP	DRILL	P	CONTINUE TOOH; LAY DOWN 2 EACH ROLLER REAMERS, MOTOR AND BIT
20:00	0:00	4.00	31PRDR	TRIP	DRILL	P	PICK UP 7-7/8" BHA; TIH TO 1844' 7-7/8" ULTERRA PDC BIT 6.5" MUD MOTOR ROLLER REAMER 1/8" UNDERGUAGE 6.5" DC ROLLER REAMER 1/8" UNDERGUAGE NOV FLO DRIFT 12 EA. 6-1/2" DC 8 EA 4-1/2" HWDP 6.5" JARS 4 EA. 4-1/2" HWDP
Total Time		24.00					

Safety Incident?	N	**Days since Last RI:**	326.00	**Weather Comments:**
Environ Incident?	N	**Days since Last LTA:**	326.00	

Incident Comments:
No incidents reported last 24 hours.

Other Remarks:

EAST OF ANDREWS, TEXAS, AT INTERSECTION OF HIGHWAY 115 AND FM 1788, DRIVE (SOUTH) ON FM 1788 1.75 MILES. TURN LEFT (EAST) ONTO LEASE ROAD. DRIVE 1.5 MILE, TURN RT GO .75 MILE, TO LOCATION
TRAILER TEL NUMBER: (713) 948-3590
FLIGHT FOR LIFE DIRECTIONS: LATITUDE 32°21'23.45"N, LONGITUDE 102°23'26.86"W, NAD 27

DAYS WORKED WITH NO LTA: 326
DAYS SINCE LAST RI: 326
NUMBER SAFETY MEETINGS: 16
PERMITS TO WORK: 0
STOP CARDS: 13
LO/TO: 2
JSA'S: 14

BEST STOP CARD OF THE DAY: WORKER DRIVING FORKLIFT AT AN EXCESSIVE SPEED. TOLD HIM TO SLOW DOWN WHEN DRIVING ON LOCATION. NOTHING IS SO IMPORTANT THAT EXCESSIVE SPEED IS NECESSARY. PLAN AHEAD.

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	11/09/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	18

Wellbore / Top MD:	00 @ 0 ft	**Rig:**	SAVANNA 643	**Ref Datum:**	ORIGINAL KB @3,073.30ft	**DFS:**	15.75
Today's MD:	11,380 ft	**Progress:**	795 ft	**Ground Elev:**	3,057.90 ft	**Daily Cost:**	$30,459
Prev MD:	10,585 ft	**Rot Hrs Today:**	11.50 hr	**AFE MD/Days:**	11,400.0 / 15.1 days	**Cum Cost:**	$717,614
PBMD:		**Avg ROP Today:**	69.1 ft/hr	**AFE Number:**	1138945#0202	**AFE Cost:**	$1,281,303

Current Formation: STRAWN@11,080.0 **Lithology:**

Current Ops: LAYING DRILL STRING

24-Hr Summary: TIH; CIRC BTMS UP; DRILL 7-7/8" PRODUCTION HOLE TO 11,380'; CIRC HOLE CLEAN; TOOH LAY DOWN DRILL PIPES

24-Hr Forecast: CONT. LAY DOWN DRILL STRING: PJSM, RIG UP/RUN 5.5" CSG; PJSM, CEMENT CASING, RR 11/12/2011, ROL 11/12/2011

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS	Avg	Max
Last Casing:	9.625in @ 1,855ft	**Str Wt Up/Dn:**	270.0/ 245.0 kip	**Pump Rate:**	527.6	**Conn:**	2	9
Next Casing:	5.500in @ 11,350ft	**Str Wt Rot:**	254.0 kip	**Pump Press:**	2500	**Trip:**	4	7
Last BOP Press Test:	10/30/2011	**Torq Off Btm:**	7,000.0 ft-lbf			**Backgr:**	0	2
Form Test/EMW:	FIT / 12.19 ppg	**Torq On Btm:**	10,500.0 ft-lbf					

PERSONNEL

Supervisor 1:	KERIM HUSEYNOV
Supervisor 2:	RON BAILEY
Engineer:	IVAN OTERO
Geologist:	TIM LYONS
Oxy Personnel:	2
Contractor Personnel:	14
Total on Site:	16

SURVEY DATA (LAST 6)

MD	Incl	Azi	TVD	N/-S	E/-W	VS	DLS	Build
11,299.0	1.80	0.00	11,296.38	223.9	0.0	223.9	0.13	0.13
10,479.0	0.70	0.00	10,476.59	206.0	0.0	206.0	0.00	0.00
10,274.0	0.70	0.00	10,271.60	203.5	0.0	203.5	0.57	-0.57
10,082.0	1.80	0.00	10,079.65	199.3	0.0	199.3	0.23	-0.23
9,825.0	2.40	0.00	9,822.83	189.9	0.0	189.9	0.32	0.32
9,637.0	1.80	0.00	9,634.95	183.0	0.0	183.0	0.03	0.03

BIT RECORD

Bit No	Size	Manufacturer	Model	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
3	7.875	ULTERRA DRILLING T	MS1666CDG	M10651	M432	6x16	10,585		- -	- -
2	8.750	ULTERRA DRILLING T	MS1666CDU	M10260	M423	6x13	1855	10,585	5-5-BT-A	D-1-WT-PR

BIT OPERATING PARAMETERS TODAY

Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI
3	11.50	11.50	795	795	69.1	69.1	26.0/27.0	42/45	1.178	170	143.7	1.1

MUD DATA - M-I SWACO

Engineer:	Ty Dove	**MBT:**	0.0 lbm/bbl
Sample From:	In	**pH:**	10.5
Mud Type:	M-I Gel Mud	**Pm / Pom:**	0.00
Time / MD:	20:00 / 11,380.0	**Pf / Mf:**	0.4 / 0.6
Density @ Temp:	9.20 / 100	**Chlorides:**	38,000
Rheology Temp:	120	**Ca+ / K+:**	760 / 0
Viscosity:	38.00	**CaCl2:**	0.00
PV / YP:	9 / 21	**Clom:**	0.38
Gels 10s/10m/30m:	16 / 18 / 21	**Lime:**	0.00
API WL:	45.00	**ES:**	1.20
HTHP WL:	0.00	**ECD:**	0.00
Cake API / HTHP:	2.0 / .0	**n / K:**	0.00 / 0.000
Solids / Sol Corr:	1.80 / 0.00	**Carbonate:**	8 ppm
Oil / Water:	0.0 / 0.0	**Bicarbonate:**	0 ppm
Sand:	0.50	**Form Loss:**	0.0 / 0.0
Water Added:	0.0 bbl	**Fluid Disch:**	/
Oil Added:			
LGS:	5.50 / 49.80		

VG Meter: 16@3 / 18@6 / 22@100 / 26@200 / 30@300 / 39@600

Comments: 0

LAST OR CURRENT BHA

BHA No: 3 Bit No: 3 MD In: 10,585 ft

Purpose: DRILLING PRODUCTION HOLE SECTION MD Out:

Component	OD	ID	Jts	Length
HWDP	4.500	2.810	4	120.82
HYDRAULIC JAR	6.500	2.810	1	31.96
HWDP	4.500	2.810	8	243.64
DRILL COLLAR	6.500	2.870	12	355.62
ORIENTING SUB	6.500	2.870	1	4.95
3-POINT REAMER	6.500	2.870	1	6.51
DRILL COLLAR	6.500	2.370	1	31.02
3-POINT REAMER	6.500	2.870	1	6.82
POSITIVE DISPLACEMENT MOTOR	6.500	3.260	1	30.37
PDC BIT	7.875		1	1.00

Total Length: 832.71 ft **Wt below Jars:** 37.5 kip

MUD PRODUCTS

Product	Units	Qty Used
AIR COMP RENT	EACH	1.00
CAUSTIC SODA	BG,50 LB	12.00
ENGINEERING SERVICE	EACH	1.00
SAPP	BG,50 LB	1.00
SODA ASH	BG,50 LB	10.00

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	11/09/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	18

OPERATIONS

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	1:30	1.50	31PRDR	TRIP	DRILL	P	TIH BIT #3 TO 4,000'
1:30	3:00	1.50	31PRDR	TRIP	DRILL	P	CIRCULATE, CONDITION MUD @4,000' MUD WT IN 9.0 MUD WT OUT 9.1 MAX MUD WT @ BTMS UP 9.6 PPG
3:00	7:30	4.50	31PRDR	TRIP	DRILL	P	CONTINUE TIH TO 10,585'
7:30	8:30	1.00	31PRDR	CIRC	CNDFLD	P	CIRCULATE BOTTOMS UP CONDITION MUD PROPERTIES MUD WT IN 9.0 MUD WT OUT 9.1, VIS 40 SEC
8:30	12:30	4.00	31PRDR	DRILL	MTRVER	P	DRILLING 7-7/8" PRODUCTION HOLE, FROM 10,585' TO 10,835' AVG ROP 62 FPH WOB 20-30K. FLOW RATE 600 GPM, TD RPM 60, MUD MOTOR RPM 107, TOTAL BIT RPM 167, 2550 PSI OFF BOTTOM, 2950 PSI ON BTM. TORQ 7K OFF BTM, 10K ON BTM.
12:30	16:30	4.00	31PRDR	DRILL	MTRVER	P	DRILLING 7-7/8"" PRODUCTION HOLE, FROM 10,835' TO 11121' AVG ROP 71 FPH WOB 20-30K. FLOW RATE 600 GPM, TD RPM 60, MUD MOTOR RPM 107, TOTAL BIT RPM 167, 2550 PSI OFF BOTTOM, 2950 PSI ON BTM. TORQ 7K OFF BTM, 10K ON BTM. MUD WT IN 9.0 MUD WT OUT 9.1, VIS 40 SEC, PH 11
16:30	20:00	3.50	31PRDR	DRILL	MTRVER	P	DRILLING 7-7/8"" PRODUCTION HOLE, FROM 11121' TO 11380 AVG ROP 74 FPH WOB 20-30K. FLOW RATE 590 GPM, TD RPM 43, MUD MOTOR RPM 105, TOTAL BIT RPM 148, 2550 PSI OFF BOTTOM, 2950 PSI ON BTM. TORQ 7K OFF BTM, 12K ON BTM. MUD WT IN 9.0 MUD WT OUT 9.1, VIS 40 SEC, PH 11
20:00	21:30	1.50	31PRDR	CIRC	CNDHOL	P	CIRCULATE CONDITION MUD PRIOR TO TOOH TO RUN PRODUCTION CASING MUD WT IN 9.1 MUD WT OUT 9.1: VIS 38: PH 11 SURVEY @ 11,299' INC 1.8 DEGREES
21:30	0:00	2.50	31PRDR	TRIP	PULD	P	FLOW CHECK OK; TOOH LAY DOWN 20 SGLS; FLOW CHECK OK; PUMP SLUG TOOH LAYING DOWN DRILL PIPES TO 10,000'
Total Time		24.00					

Safety Incident?	N	**Days since Last RI:**	327.00	**Weather Comments:**
Environ Incident?	N	**Days since Last LTA:**	327.00	

Incident Comments:
No incidents reported last 24 hours.

Other Remarks:

EAST OF ANDREWS, TEXAS, AT INTERSECTION OF HIGHWAY 115 AND FM 1788, DRIVE (SOUTH) ON FM 1788 1.75 MILES. TURN LEFT (EAST) ONTO LEASE ROAD. DRIVE 1.5 MILE, TURN RT GO .75 MILE, TO LOCATION
TRAILER TEL NUMBER: (713) 948-3590
FLIGHT FOR LIFE DIRECTIONS: LATITUDE 32°21'23.45"N, LONGITUDE 102°23'26.86"W, NAD 27

DAYS WORKED WITH NO LTA: 327
DAYS SINCE LAST RI: 327
NUMBER SAFETY MEETINGS: 17
PERMITS TO WORK: 0
STOP CARDS: 15
LO/TO: 0
JSA'S: 15

BEST STOP CARD OF THE DAY: EMPLOYEE STANDING IN POSSIBLE PINCH POINT AREA WHILE ROLLING PIPE, STOPPED JOB; REVIEWED RECENTLY DISCUSSED JSA, AFTER ALL AGREED, JOB CONTINUED WITHOUT INCIDENT

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	11/10/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	19

Wellbore / Top MD:	00 @ 0 ft	**Rig:**	SAVANNA 643	**Ref Datum:**	ORIGINAL KB @3,073.30ft	**DFS:**	16.75
Today's MD:	11,380 ft	**Progress:**	0 ft	**Ground Elev:**	3,057.90 ft	**Daily Cost:**	$85,130
Prev MD:	11,380 ft	**Rot Hrs Today:**	0.00 hr	**AFE MD/Days:**	11,400.0 / 15.1 days	**Cum Cost:**	$836,237
PBMD:		**Avg ROP Today:**	0.0 ft/hr	**AFE Number:**	1138945#0202	**AFE Cost:**	$1,281,303

Current Formation: STRAWN@11,150.0 **Lithology:**

Current Ops: CIRCULATE WAIT FOR HALLIBURTON CEMENTING CREW AND EQUIPMENT

24-Hr Summary: LD DRILL STRING; PJSM; RIG UP & RUN 5.5" PRODUCTION STRING

24-Hr Forecast: RUN 5.5" PROD. CASING, RR 11/11/2011; ROL 11/12/2011

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS	Avg	Max
Last Casing:	9.625in @ 1,855ft	**Str Wt Up/Dn:**	/	**Pump Rate:**	0.0	**Conn:**	0	0
Next Casing:	5.500in @ 11,350ft	**Str Wt Rot:**		**Pump Press:**	0	**Trip:**	0	0
Last BOP Press Test:	10/30/2011	**Torq Off Btm:**				**Backgr:**	1	0
Form Test/EMW:	FIT / 12.19 ppg	**Torq On Btm:**						

PERSONNEL

Supervisor 1:	KERIM HUSEYNOV
Supervisor 2:	RON BAILEY
Engineer:	IVAN OTERO
Geologist:	TIM LYONS
Oxy Personnel:	2
Contractor Personnel:	25
Total on Site:	27

SURVEY DATA (LAST 6)

MD	Incl	Azi	TVD	N/-S	E/-W	VS	DLS	Build
11,299.0	1.80	0.00	11,296.38	223.9	0.0	223.9	0.13	0.13
10,479.0	0.70	0.00	10,476.59	206.0	0.0	206.0	0.00	0.00
10,274.0	0.70	0.00	10,271.60	203.5	0.0	203.5	0.57	-0.57
10,082.0	1.80	0.00	10,079.65	199.3	0.0	199.3	0.23	-0.23
9,825.0	2.40	0.00	9,822.83	189.9	0.0	189.9	0.32	0.32
9,637.0	1.80	0.00	9,634.95	183.0	0.0	183.0	0.03	0.03

BIT RECORD

Bit No	Size	Manufacturer	Model	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
3	7.875	ULTERRA DRILLING T	MS1666CDG	M10651	M432	6x16	10,585	11,380	1-1-WT-A	D-I-WT-TD

BIT OPERATING PARAMETERS TODAY

Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA - M-I SWACO

Engineer:	Brandon Smith	**MBT:**	0.0 lbm/bbl
Sample From:	In	**pH:**	10.5
Mud Type:	M-I Gel Mud	**Pm / Pom:**	0.00
Time / MD:	18:00 / 11,380.0	**Pf / Mf:**	0.4 / 0.6
Density @ Temp:	9.20 / 100	**Chlorides:**	38,000
Rheology Temp:	120	**Ca+ / K+:**	760 / 0
Viscosity:	38.00	**CaCl2:**	0.00
PV / YP:	9 / 21	**Clom:**	0.38
Gels 10s/10m/30m:	16 / 18 / 21	**Lime:**	0.00
API WL:	45.00	**ES:**	1.20
HTHP WL:	0.00	**ECD:**	0.00
Cake API / HTHP:	2.0 / .0	**n / K:**	0.00 / 0.000
Solids / Sol Corr:	1.90 / 0.00	**Carbonate:**	8 ppm
Oil / Water:	0.0 / 0.0	**Bicarbonate:**	0 ppm
Sand:	0.20	**Form Loss:**	130.0 / 130.0
Water Added:	0.0 bbl	**Fluid Disch:**	/
Oil Added:			
LGS:	3.90 / 35.80		

VG Meter: 12@3 / 18@6 / 22@100 / 26@200 / 30@300 / 39@600

Comments: 0

LAST OR CURRENT BHA

BHA No: 3 Bit No: 3 MD In: 10,585 ft

Purpose: DRILLING PRODUCTION HOLE SECTION MD Out: 11,380 ft

Component	OD	ID	Jts	Length
HWDP	4.500	2.810	4	120.82
HYDRAULIC JAR	6.500	2.810	1	31.96
HWDP	4.500	2.810	8	243.64
DRILL COLLAR	6.500	2.870	12	355.62
ORIENTING SUB	6.500	2.870	1	4.95
3-POINT REAMER	6.500	2.870	1	6.51
DRILL COLLAR	6.500	2.370	1	31.02
3-POINT REAMER	6.500	2.870	1	6.82
POSITIVE DISPLACEMENT MOTOR	6.500	3.260	1	30.37
PDC BIT	7.875		1	1.00

Total Length: 832.71 ft **Wt below Jars:** 37.5 kip

MUD PRODUCTS

Product	Units	Qty Used
AIR COMP RENT	EACH	1.00
ENGINEERING SERVICE	EACH	1.00
FEDERAL BENTONITE	BG,100 LB	41.00
LIME	BG,50 LB	1.00
M-I BAR	100 LBS/SK	80.00
M-I GEL BULK	TON	61.11
M-I WATE	100 LBS/SK	82.00
ZINC OXIDE	BG,50 LB	1.00

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	11/10/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	19

OPERATIONS

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	9:00	9.00	31PRDR	TRIP	PULD	P	CONTINUE LAY DOWN DRILL PIPES TO 832' FLOW CHECK @ 5698' OK
9:00	11:00	2.00	31PRDR	TRIP	BHA	P	LAY DOWN BHA
11:00	11:30	0.50	31PRDR	OTHR	OTHER	P	RETRIEVE WEAR BUSHING. REMOVE MOUSEHOLES.
11:30	13:00	1.50	31PRRC	CSG	RUNCSG	P	HELD PRE JOB SAFETY MEETING WITH B & L CASING AND RIG CREWS, RIG UP B & L CASING RUNNING EQUIPMENT.
13:00	0:00	11.00	31PRRC	CSG	RUNCSG	P	RUN 5 1/2" PRODUCTION CASING AS PER PROG. MAKE UP FLOAT EQUIPMENT THREAD LOCKED TO TOP OF FLOAT COLLAR TORQ TO MAX 4260 FT*LBS, CHECK FLOAT EQUIPMENT GOOD TEST 5 1/2" 17# L-80 LTC PRODUCTION CASING RUN AS FOLLOWS SHOE MODEL 303A AT 11378' 2 -JOINT CASING FLOAT COLLAR MODEL 402A AT 11290 68 -JOINTS CASING 1- FLAG JOINT DEPTH 8495' 35 -JOINTS CASING 48 - JOINTS RYT-WRAP, CASING 132 - JOINTS CASING FILL UP ON THE FLY AND EVERY 10 JOINTS COMPLETE FILL UP TORQUE TO 3410 FT*LBS INSTALL 50 BOWSPRING CENTRALIZER'S AS PER PROGRAM INSTALL 17 CENTRALIZERS ON RYT-WRAP AND; JOINT #251 ON HOOK AT MIDNIGHT (10,583')
Total Time		24.00					

Safety Incident?	N	**Days since Last RI:**	328.00	**Weather Comments:**
Environ Incident?	N	**Days since Last LTA:**	328.00	

Incident Comments:
No incidents reported last 24 hours.

Other Remarks:

EAST OF ANDREWS, TEXAS, AT INTERSECTION OF HIGHWAY 115 AND FM 1788, DRIVE (SOUTH) ON FM 1788 1.75 MILES. TURN LEFT (EAST) ONTO LEASE ROAD. DRIVE 1.5 MILE, TURN RT GO .75 MILE, TO LOCATION
TRAILER TEL NUMBER: (713) 948-3590
FLIGHT FOR LIFE DIRECTIONS: LATITUDE 32°21'23.45"N, LONGITUDE 102°23'26.86"W, NAD 27

DAYS WORKED WITH NO LTA: 328
DAYS SINCE LAST RI: 328
NUMBER SAFETY MEETINGS: 17
PERMITS TO WORK: 0
STOP CARDS: 15
LO/TO: 0
JSA'S: 15

BEST STOP CARD OF THE DAY: WORKER WAS USING V-DOOR STAIRS WHILE LAYING DOWN DRILL PIPE. STOPPED THE JOB, TOLD WORKER TO NEVER USE STAIRS OR CATWALK WHILE LAYING DOWN DP'S. HE AGREED, WORK CONTINUED WITHOUT INCIDENT

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	11/11/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	20

Wellbore / Top MD:	00 @ 0 ft	**Rig:**	SAVANNA 643	**Ref Datum:**	ORIGINAL KB @3,073.30ft	**DFS:**	17.75
Today's MD:	11,380 ft	**Progress:**	0 ft	**Ground Elev:**	3,057.90 ft	**Daily Cost:**	$323,552
Prev MD:	11,380 ft	**Rot Hrs Today:**	0.00 hr	**AFE MD/Days:**	11,400.0 / 15.1 days	**Cum Cost:**	$1,186,690
PBMD:		**Avg ROP Today:**	0.0 ft/hr	**AFE Number:**	1138945#0202	**AFE Cost:**	$1,281,303

Current Formation: STRAWN@11,080.0 **Lithology:**

Current Ops: WAIT ON DAYLIGHT PREPARE TO MOVE

24-Hr Summary: CONT. RUN 5.5" PROD. CSG; HANDLE LOSS CIRCULATION ISSUE: WAIT ON HALLIBURTON: CEMENT CSG: NIPPLE DOWN BOP; NIPPLE

24-Hr Forecast: MOVE RIG SAVANNA 643 TO UNIVERSITY PAMELA 4

CASING/WELL CONTROL		HOOKLOAD & TORQUE		HYDRAULICS		MUD GAS	Avg	Max
Last Casing:	9.625in @ 1,855ft	**Str Wt Up/Dn:**	/	**Pump Rate:**	0.0	**Conn:**	0	0
Next Casing:	5.500in @ 11,350ft	**Str Wt Rot:**		**Pump Press:**	0	**Trip:**	0	0
Last BOP Press Test:	10/30/2011	**Torq Off Btm:**				**Backgr:**	0	0
Form Test/EMW:	FIT / 12.19 ppg	**Torq On Btm:**						

PERSONNEL

Supervisor 1:	KERIM HUSEYNOV
Supervisor 2:	RON BAILEY
Engineer:	IVAN OTERO
Geologist:	TIM LYONS
Oxy Personnel:	2
Contractor Personnel:	41
Total on Site:	43

SURVEY DATA (LAST 6)

MD	Incl	Azi	TVD	N/-S	E/-W	VS	DLS	Build
11,299.0	1.80	0.00	11,296.40	222.8	0.0	222.8	0.13	0.13
10,479.0	0.70	0.00	10,476.61	204.9	0.0	204.9	0.00	0.00
10,274.0	0.70	0.00	10,271.62	202.4	0.0	202.4	0.57	-0.57
10,082.0	1.80	0.00	10,079.67	198.2	0.0	198.2	0.23	-0.23
9,825.0	2.40	0.00	9,822.85	188.8	0.0	188.8	0.32	0.32
9,637.0	1.80	0.00	9,634.97	181.9	0.0	181.9	0.03	0.03

BIT RECORD

Bit No	Size	Manufacturer	Model	Serial No	IADC Code	Nozzles	MD In	MD Out	I-O-D-L	B-G-O-R
3	7.875	ULTERRA DRILLING T	MS1666CDG	M10651	M432	6x16	10,585	11,380	1-1-WT-A	D-I-WT-TD

BIT OPERATING PARAMETERS TODAY

Bit No	Rot Hrs	Cum Rot Hrs	Prog	Cum Prog	ROP	Cum ROP	WOB min/max	RPM min/max	TFA	P Drop Bit	Noz Vel	HHPSI

MUD DATA - M-I SWACO

Engineer:	Brandon Smith	**MBT:**	0.0 lbm/bbl
Sample From:	In	**pH:**	10.5
Mud Type:	M-I Gel Mud	**Pm / Pom:**	0.00
Time / MD:	14:00 / 11,830.0	**Pf / Mf:**	0.6 / 38,000.0
Density @ Temp:	9.20 / 75	**Chlorides:**	760
Rheology Temp:	120	**Ca+ / K+:**	0 / 0
Viscosity:	38.00	**CaCl2:**	0.00
PV / YP:	9 / 21	**Clom:**	0.38
Gels 10s/10m/30m:	16 / 18 / 21	**Lime:**	0.00
API WL:	45.00	**ES:**	1.90
HTHP WL:	0.00	**ECD:**	0.00
Cake API / HTHP:	2.0 / .0	**n / K:**	0.00 / 0.000
Solids / Sol Corr:	0.00 / 0.00	**Carbonate:**	12 ppm
Oil / Water:	0.0 / 0.0	**Bicarbonate:**	0 ppm
Sand:	0.20	**Form Loss:**	0.0 / 130.0
Water Added:	0.0 bbl	**Fluid Disch:**	/
Oil Added:			
LGS:	6.50 / 58.90		

VG Meter: 12@3 / 18@6 / 22@100 / 26@200 / 30@300 / 39@600

Comments: 0

LAST OR CURRENT BHA

BHA No: 3 Bit No: 3 MD In: 10,585 ft

Purpose: DRILLING PRODUCTION HOLE SECTION MD Out: 11,380 ft

Component	OD	ID	Jts	Length
HWDP	4.500	2.810	4	120.82
HYDRAULIC JAR	6.500	2.810	1	31.96
HWDP	4.500	2.810	8	243.64
DRILL COLLAR	6.500	2.870	12	355.62
ORIENTING SUB	6.500	2.870	1	4.95
3-POINT REAMER	6.500	2.870	1	6.51
DRILL COLLAR	6.500	2.370	1	31.02
3-POINT REAMER	6.500	2.870	1	6.82
POSITIVE DISPLACEMENT MOTOR	6.500	3.260	1	30.37
PDC BIT	7.875		1	1.00

Total Length: 832.71 ft **Wt below Jars:** 37.5 kip

MUD PRODUCTS

Product	Units	Qty Used
AIR COMP RENT	EACH	1.00
CEDAR FIBER CHIP SEAL	BG,40 LB	26.00
ENGINEERING SERVICE	EACH	1.00
FEDERAL BENTONITE	BG,100 LB	30.00
FIBER SEAL	BG,40 LB	30.00
M-I GEL BULK	TON	4.84
M-I-X II MEDIUM	BG,25 LB	20.00
PECAN NUT PLUG MEDIUM	BG,50 LB	10.00

OXY USA INC

DAILY OPERATIONS PARTNER REPORT

Event:	DEV DRILLING	UNIVERSITY CHLOE 3		**Date:**	11/11/2011
Prim. Reason:	ORIG DRILL VERT	USA		**Report No:**	20

OPERATIONS

From	To	Hrs	Op Phase	Op Code	Op Sub	Op Type	Operation Details
0:00	2:00	2.00	31PRRC	CSG	RUNCSG	P	RUN 5 1/2" PRODUCTION CASING AS PER PROG. MAKE UP FLOAT EQUIPMENT THREAD LOCKED TO TOP OF FLOAT COLLAR TORQ TO MAX 4260 FT*LBS, CHECK FLOAT EQUIPMENT GOOD TEST 5 1/2" 17# L-80 LTC PRODUCTION CASING RUN AS FOLLOWS SHOE MODEL 303A AT 11378' 2 -JOINT CASING FLOAT COLLAR MODEL 402A AT 11290 68 -JOINTS CASING 1- FLAG JOINT DEPTH 8495' 35 -JOINTS CASING 48 - JOINTS RYT-WRAP, CASING 165 - JOINTS CASING FILL UP ON THE FLY AND EVERY 10 JOINTS COMPLETE FILL UP TORQUE TO 3410 FT*LBS INSTALL 50 BOWSPRING CENTRALIZER'S AS PER PROGRAM INSTALL 17 CENTRALIZERS ON RYT-WRAP AND; 1 RIGID ON FIRST CONNECTION BELOW WELL HEAD ATTEMPT ESTABLISH CIRCULATION AT 11382' NO RETURNS
2:00	4:30	2.50	31PRRC	CSG	RUNCSG	P	MIX AND PUMP 50 BBL, 40 LB/BBL LCM PILL AFTER 4000 STROKES BEFORE LCM PILL REACH CASING SHOE ESTABLISHED FULL RETURNS CIRCULATE BOTTOMS UP AND LCM PILL OUT. TOTAL LOSSES 130 BBL.
4:30	9:00	4.50	31PRRC	WAIT	WOEQ	PT	CIRCULATE WAIT FOR HALLIBURTON CEMENTING CREW AND EQUIPMENT
9:00	10:30	1.50	31PRRC	CMT	RIGUP	P	HALLIBURTON ON LOCATION. HELD PREJOB SAFETY MEETING WITH HALLIBURTON AND RIG CREW, RIG UP CEMENTING EQUIPMENT.
10:30	14:00	3.50	31PRRC	CMT	PRIM	P	CEMENT 5.5" PRODUCTION CASING TEST LINES TO 4000, GOOD TEST PUMP SPACER 10 BBLS FW @ 4 BBLS MIN, 700 PSI PUMP GEL SPACER 20 BBLS FW @ 4 BBLS MIN, 645 PSI PUMP 11.7 PPG 480 SKS 225 BBLS LEAD CEMENT @ 7 BBLS MIN, 200 PSI, PUMP 13 PPG 820 SKS 253 BBLS TAIL CEMENT @ 7 BBLS MIN, 150 PSI, DROP PLUG PUMP BRINE WATER DISPLACEMENT @ 8 BBLS MIN, 261 BBLS, 1800 PSI BUMP PLUG @ 3.5 BBLS MIN, 261 BBLS, WITH 2400 PSI - 500 PSI OVER HELD FIVE MIN BLEED BACK 2 BBLS FLOATS HELD CEMENT IN PLACE AT 13:40 PLUG DOWN HAD RETURNS ENTIRE JOB RIG DOWN HALLIBURTON
14:00	19:00	5.00	31PRRC	WLHD	RWH	P	BRAKE CONNECTION BETWEEN DRILLING SPOOL AND 11" 5K FMC WELLHEAD, PICK UP BOP, SET SLIPS WITH 180K, MAKE ROUGH CUT ON 5.5" CASING, NIPPLE DOWN BOP & INSTALL TUBING HEAD AND TEST TO 5000 PSI FOR 15 MIN. TEST OK. RELEASE RIG AT 19:00 11/11/2011
Total Time		19.00					

Safety Incident?	N	**Days since Last RI:**	329.00	**Weather Comments:**
Environ Incident?	N	**Days since Last LTA:**	329.00	

Incident Comments:
No incidents reported last 24 hours.

Other Remarks:

EAST OF ANDREWS, TEXAS, AT INTERSECTION OF HIGHWAY 115 AND FM 1788, DRIVE (SOUTH) ON FM 1788 1.75 MILES. TURN LEFT (EAST) ONTO LEASE ROAD. DRIVE 1.5 MILE, TURN RT GO .75 MILE, TO LOCATION
TRAILER TEL NUMBER: (713) 948-3590
FLIGHT FOR LIFE DIRECTIONS: LATITUDE 32°21'23.45"N, LONGITUDE 102°23'26.86"W, NAD 27

DAYS WORKED WITH NO LTA: 329
DAYS SINCE LAST RI: 329
NUMBER SAFETY MEETINGS: 16
PERMITS TO WORK: 2
STOP CARDS: 10
LO/TO: 1
JSA'S: 14

BEST STOP CARD OF THE DAY: FLOORMAN WORKING IN DERRICK WITH NO FALL PROTECTION. HE WAS USING DERRICK ASSIST ONLY. A SAFETY STAND DOWN WAS CALLED TO DISCUSS THE SITUATION. THE FLOORMAN ACCEPTED THE RESPONSIBILITY

View Details...

Event		
Completed		
CHLOE-3 Dev Completion - Cased Hole		
01/02/2012		
Break for Crew		**LUNCH**
Tubing - Run		**MAKE UP BHA AND RUN IN HOLE WITH PRODUCTION TUBING**
Safety Meeting		**CREW CHANGE, SAFETY MEETING, RIG INSPECTION**
Tubing - Run		**FINISH RUN IN HOLE WITH PROD TUBING**
Tubing Anchor - Set		**SET TUBING ANCHOR W/ 20K TENSION**
BOPE Hydraulic - Nipple Down		**NIPPLE DOWN BOP AND SPOOL**
Wellhead - Nipple Up		**NIPPLE UP WELLHEAD**
Rods - Run		**PREP NEW RODS TO RUN IN THE HOLE, TAKE OFF THREAD PROTECTORS AND PUT ON COUPLINGS**
Safety - Personnel		
Job Cost Detail Report		
Bit - Pull		**PULL OUT OF HOLE WITH BIT LAYING DOWN DRILL COLLARS**
Well Control - Kill Well - Brine		**TUBING AND CASING 50 PSI, PUMP 50 BBLS BRINE DOWN CASING AND 20 BBLS DOWN TBG**
Safety Meeting		**LOCATION SAFETY MEETING, RIG INSPECTION'**
Safety Meeting		
Rig Crew Travel Time		**CREW TRAVEL TO LOCATION**
Daily Summary		**1-2-12.....circulate hole with brine, pull out of hole with bit laying down drill collars, make up bha and run in hole with production tubing, set tubing anchor, nipple down bop, nipple up wellhead**
Total Cost for 01/02/2012	**$13,706.02**	
01/03/2012		
Rods - Run		**Prep rods to RIH**
Safety Meeting		**Safety huddle**
Pump/Rods - Run		**RUN IN HOLE WITH PUMP, 6 X 1.5" K BARS AND NEW HD RODS**
Shut-in Overnight		**SHUT IN WELL, SECURE LOCATION**
Rig Crew Travel Time		**CREW TRAVEL TO WESTEX YARD**
Safety Meeting		**WESTEX SAFETY MEETING**
Rig Crew Travel Time		**CREW TRAVEL TO LOCATION**
Safety Meeting		**SAFETY MEETING, RIG INSPECTION**
Pump/Rods - Run		**RUN IN HOLE WITH PUMP AND RODS**
Break for Crew		**LUNCH**
Pump/Rods - Run		**RUN IN HOLE WITH PUMP AND RODS**
Site Work		**CLEANUP LOCATION**
Safety Meeting		**CREW CHANGE, SAFETY MEETING, RIG INSPECTION**

View Details...

Pump/Rods - Run		RUN IN HOLE WITH PUMP AND RODS, SPACE OUT
Tubing - Pressure Test		LOAD AND TEST TUBING TO 500 PSI, LONG STROKE PUMP
Safety - Personnel		
Pumping Unit - Hang on Head		WEATHERFORD LOWER BEAM ON PUMPING UNIT, HANG WELL ON
Job Cost Detail Report		
Break for Crew		Lunch
Pump/Rods - Run		RUN IN HOLE WITH PUMP AND RODS
Daily Summary		CHLOE 3 WLP 106 LARRY WILLIAMS 1-3-12.....nipple down bop, nipple up wellhead, prep rods to run in hole, run in hole with pump, 6 x 1.5" k bars and 90 x 3/4" HD rods, attend Westex safety meeting, run in hole with pump and rods cumulative cost thru 1-2-12 -- $936,449
Total Cost for 01/03/2012	**$15,109.20**	
01/04/2012		
Break for Crew		LUNCH
Site Work		CLEAN UP LOCATION
Safety Meeting		SAFETY HUDDLE
Pulling Unit - Rig Down		RD PU WLP 106, RD all equip, move equip ito Pamela 4
Safety Meeting		CREW CHANGE, SAFETY MEETING
Rig Crew Travel Time		CREW TRAVEL HOME
Job Cost Detail Report		
Equipment - Load/Unload		getting equipment ready/
Well Control - Kill Well		killing well with 100bbls of brine water
Safety Meeting		review jsa with crew step#4 nipple down frak valve
Frac Valve - Nipple Down		
Rig Crew - Shift Change		crew change
Shut-in Overnight		shut down and drove crew back home
BOPE Hydraulic - Nipple Up		
Safety Meeting		review jsa 002 rig up pulling unit with crew members
Pulling Unit - Rig Up		riging up pulling unit/
Equipment - Load/Unload		tbg arrived in loc...and unloading tbg and pipe racks
Bit - Run		tallying dc and tbg ready to picking up/ tally 157 joints top roll/ run 6 drill collars and 1 joint
Total Cost for 01/04/2012	**$7,560.73**	
11/16/2011		
Daily Summary		11-16-11 -MIRU Schlumberger wireline. RIH and log CCL, GR, CBL. Logged without psi. Nabors pump trk did not show up. RDMO wire line. SIW & SDFN Daily cost=$15308.26 Cummulative cost=$15308.26
Total Cost for 11/16/2011	**$0.00**	
11/17/2011		
Daily Summary		11-17-11-Install 10K frac stack. MIRU kill trk. Psi test csg & frac

View Details...

		stack to 5000 psi. Leak at flange on well head. Got bolts re-torqued. Will pressure test again tomorrow. Daily cost=$18568 Cummulative cost=$33876.26
Total Cost for 11/17/2011	**$0.00**	
11/18/2011		
Daily Summary		11-18-11-Dig out cellar and find bull plug missing on b-section. Install bull plug. Re-test csg & frac stack to 5000 psi. Good test. FMC tested seals on well head to 4000 psi. Good test. RDMO equipment. Well prepped for frac.
Total Cost for 11/18/2011	**$0.00**	
11/19/2011		
Daily Summary		11-19-11-Re-test frac stack & csg w/ braden head open to 4000 psi. Test good. No flow from braden head. Daily cost=$1700 Cummulative cost=$38576.26
Total Cost for 11/19/2011	**$0.00**	
11/23/2011		
Job Cost Detail Report		
Frac - Sand		Frac Middle Sprayberry 19:35-20:23. RU Halliburton frac Upper Wolfcamp zone. Breakdown at 485 psi @ 8 bpm. Pump 1968 gal 15% Ferchek acid. Pump 10172 gal treated water pre-pad. 35291 gal Hybor G Pad 73292 gal Hybor G w/ 179,923# 20/40 SLC sand, 8372 gal treated water flush. Max rate=71 bpm, Avg rate=70 bpm, Max psi=3639 psi, Avg psi=2431 psi, ISIP=1241 psi. Total load= 145,115 gal.
Wireline - Bridge Plug - Composite - Set Wireline		RU Halliburton Wireline. RIH w/ 5 ½" composite plug. Set @ 9010'.
Wireline - Perforate Casing/Liner		Perf Middle Sprayberry 18:00-19:00. Perf Lower Sprayberry w/ 3 1/8" csg gun perf. using 3319-331T charges 19 gm wt. 0.42" EHD, 42" penetration, 6 SPF, 60 degree phasing. Perforate Upper Wolfcamp @ 8964, 8912, 8854, 8784, 8730, 8657. Total shots=53 & fired=53. Net feet =307'. Reference log Schlumberger CNL/GR/CCL dated 11-16-11. NOTE:
Frac - Sand		Frac Lower Sprayberry 17:15-18:20. RU Halliburton frac Upper Wolfcamp zone. Breakdown at 2323 psi @ 6 bpm. Pump 983 gal 15% Ferchek acid. Pump 18839 gal treated water pre-pad. 49989 gal Hybor G Pad 61568 gal Hybor G w/ 159,933# 20/40 SLC sand, Pump 999 gal 15% Ferchek acid, 8966 gal treated water flush. Max rate=71 bpm, Avg rate=70 bpm, Max psi=3894 psi, Avg psi=3322 psi, ISIP= psi. 1594 Total load= 145,115 gal.
Wireline - Perforate Casing/Liner		Perf Lower Sprayberry 16:00-17:00. Perf Lower Sprayberry w/ 3 1/8" csg gun perf. using 3319-331T charges 19 gm wt. 0.42" EHD, 42" penetration, 6 SPF, 60 degree phasing. Perforate Upper Wolfcamp @ 9682, 9612, 9562, 9498, 9420. Total shots=45 & fired=45. Net feet =262'. Reference log Schlumberger CNL/GR/CCL dated 11-16-11. NOTE:
Wireline - Bridge Plug - Composite - Set Wireline		RU Halliburton Wireline. RIH w/ 5 ½" composite plug. Set @ 9720'.
Frac - Sand		Frac Upper Wolfcamp 15:00-15:45. RU Halliburton frac Upper Wolfcamp zone. Breakdown at 2630 psi @ 10 bpm. Pump 1004 gal 15% Ferchek acid. Pump 19400 gal treated water pre-pad. 19931gal Hybor G Pad, 61568 gal Hybor G w/ 90,136# 20/40 SLC sand, Pump 1007 15% Ferchek acid, 8649 gal treated water flush. Max rate=71 bpm, Avg rate=70 bpm, Max psi=5565 psi, Avg psi=4201 psi, ISIP=2420 psi. Total load=90,007 gal. NOTE:
Wireline - Perforate Casing/Liner		Perf Middle Wolfcamp 13:30-14:35. Perf Upper Wolfcamp w/ 3 1/8" csg gun perf. using 3319-331T charges 19 gm wt. 0.42" EHD, 42" penetration, 6 SPF, 60 degree phasing. Perforate Middle Wolfcamp @ 10100, 10066, 10008, 9964, 9909. Total shots=45 & fired=45. Net feet =191'. Reference log Schlumberger CNL/GR/CCL dated 11-16-11.

View Details...

Wireline - Bridge Plug - Composite - Set Wireline		**RU Halliburton Wireline. RIH w/ 5 ½" composite plug. Set @ 10140'.**
Frac - Sand		**Frac Middle Wolfcamp 12:10-13:15 RU Halliburton frac Middle Wolfcamp zone. Break down at 3789 @ 3 bpm. Pump 990 gal 15% Ferchek acid. Pump 22643gal treated water pre-pad. 70223 gal Hybor G Pad, 61568 gal Hybor G w/ 120,191# 20/40 20/40 SLC sand,1048 gal 15% Ferchek acid, 9061 gal treated water flush. Max rate=71 bpm, Avg rate=70 bpm, Max psi=5515 psi, Avg psi=4419 psi, ISIP=2449 psi. Total load=175,985 gal. NOTE:**
Wireline - Perforate Casing/Liner		**Perf Middle Wolfcamp 10:50-11:50 . Perf Middle Wolfcamp w/ 3 1/8" csg gun perf. using 3319-331T charges 19 gm wt. 0.42" EHD, 42" penetration, 6 SPF, 60 degree phasing. Perforate Middle Wolfcamp @ 10468, 10411, 10362, 10301, 10238. Total shots=44 & fired=44. Net feet =230'. Reference log Schlumberger CNL/GR/CCL dated 11-16-11.**
Wireline - Bridge Plug - Composite - Set Wireline		**RU Halliburton Wireline. RIH w/ 5 ½" composite plug. Set @ 10510'**
Frac - Sand		**Frac Lower Wolfcamp 10:36-16:00. RU Hallbiburton frac Lower Wolfcamp zone. Break down at 2816 psi @ 6 bpm. Pump 1044 gal 15% Ferchek acid. Pump 20140 gal treated water pre-pad. 60287 gal Hybor G Pad, 61568 gal Hybor G w/ 77,571# 20/40 Premium prop, 1034 gal 15% Ferchek acid, 9431gal treated water flush. Max rate=71 bpm, Avg rate=70 bpm, Max psi=5142 psi, Avg psi=4736 psi, ISIP=3360 psi. Total load=159,045gal.**
Wireline - Perforate Casing/Liner		**Perf Lower Wolfcamp 07:45-08:45 Perf Lower Wolfcamp w/ 3 1/8" csg gun perf. using 3319-331T charges 19 gm wt. 0.42" EHD, 42" penetration, 6 SPF, 60 degree phasing. Perforate Strawn @ 10864, 10810, 10746, 10701, 10654. Total shots=44 & fired=44. Net feet =210'. Reference log Schlumberger CNL/GR/CCL dated 11-16-11.**
Wireline - Bridge Plug - Composite - Set Wireline		**RU Halliburton Wireline. RIH w/ 5 ½" composite plug. Set @ 10910'.**
Frac - Sand		**Frac Strawn 06:15-07:30 RU Hallbiburton frac Strawn zone. Break down at 4766 psi @ 5 bpm. Pump 2032 gal 15% Ferchek acid. Pump 21121 gal treated water pre-pad. 60402 gal Hybor G Pad, 61568 gal Hybor G w/ 76534# 20/40 Premium prop, 1028 gal 15% Ferchek acid, 9817 gal treated water flush. Max rate 59 bpm, Avg rate=56 bpm, Max psi=6147 psi, Avg psi=4936 psi, ISIP=3959 psi. Total load=156,910 gal. NOTE:**
Wireline - Perforate Casing/Liner		**Perf Lower Strawn 12:00-13:00 RU Halliburton Wireline. RIH w. 3 1/8" csg gun perf. Using 3319-331T charges 19 gm wt. 0.42", 42" penetration, 6 SPF, 60 degree phsing. Perforate Strawn @11198, 11152, 11100, 11054. Total shots=33& fired=33. Net feet =144'. Reference log Schlumberger CNL/GR/CCL dated 11-16-11.**
Daily Summary		**Chloe #3 11/23/11 Perf Lower Strawn 12:00-13:00 RU Halliburton Wireline. RIH w. 3 1/8" csg gun perf. Using 3319-331T charges 19 gm wt. 0.42", 42" penetration, 6 SPF, 60 degree phsing. Perforate Strawn @11198, 11152, 11100, 11054. Total shots=33& fired=33. Net feet =144'. Reference log Schlumberger CNL/GR/CCL dated 11-16-11. Frac Strawn 06:15-07:30 RU Hallbiburton frac Strawn zone. Break down at 4766 psi @ 5 bpm. Pump 2032 gal 15% Ferchek acid. Pump 21121 gal treated water pre-pad. 60402 gal Hybor G Pad, 61568 gal Hybor G w/ 76534# 20/40 Premium prop, 1028 gal 15% Ferchek acid, 9817 gal treated water flush. Max rate 59 bpm, Avg rate=56 bpm, Max psi=6147 psi, Avg psi=4936 psi, ISIP=3959 psi. Total load=156,910 gal. NOTE: Perf Lower Wolfcamp 07:45-08:45 RU Halliburton Wireline. RIH w/ 5 ½" composite plug. Set @ 10910'. Perf Lower Wolfcamp w/ 3 1/8" csg gun perf. using 3319-331T charges 19 gm wt. 0.42" EHD, 42" penetration, 6 SPF, 60 degree phasing. Perforate Strawn @ 10864, 10810, 10746, 10701, 10654. Total shots=44 & fired=44. Net feet =210'. Reference log Schlumberger CNL/GR/CCL dated 11-16-11. Frac Lower Wolfcamp 10:36-16:00. RU Hallbiburton frac Lower Wolfcamp zone. Break down at 2816 psi @ 6 bpm. Pump 1044 gal 15% Ferchek acid. Pump 20140 gal treated water pre-pad. 60287 gal Hybor G Pad, 61568 gal Hybor G w/ 77,571# 20/40 Premium prop, 1034 gal 15% Ferchek acid, 9431gal treated water flush. Max rate=71 bpm, Avg rate=70 bpm, Max psi=5142 psi, Avg psi=4736 psi,**

View Details...

		ISIP=3360 psi. Total load=159,045gal. Perf Middle Wolfcamp 10:50-11:50 RU Halliburton Wireline. RIH w/ 5 ½" composite plug. Set @ 10510'. Perf Middle Wolfcamp w/ 3 1/8" csg gun perf. using 3319-331T charges 19 gm wt. 0.42" EHD, 42" penetration, 6 SPF, 60 degree phasing. Perforate Middle Wolfcamp @ 10468, 10411, 10362, 10301, 10238. Total shots=44 & fired=44. Net feet =230'. Reference log Schlumberger CNL/GR/CCL dated 11-16-11. Frac Middle Wolfcamp 12:10-13:15 RU Halliburton frac Middle Wolfcamp zone. Break down at 3789 @ 3 bpm. Pump 990 gal 15% Ferchek acid. Pump 22643gal treated water pre-pad. 70223 gal Hybor G Pad, 61568 gal Hybor G w/ 120,191# 20/40 20/40 SLC sand,1048 gal 15% Ferchek acid, 9061 gal treated water flush
Total Cost for 11/23/2011	**$836,818.50**	
12/29/2011		
Rig Travel Time		RIG TRAVEL TO LOCATION
Safety Meeting		LOCATION SAFETY MEETING
Pulling Unit - Repair/Service		RIG INSPECTION, SERVICE RIG
Equipment - Load/Unload		MOVE ALL EQUIPMENT TO LOCATION AND RIG UP, START FILLING UP FRAC TANK
Frac Valve - Nipple Down		NIPPLE DOWN TOP PART OF FRAC STACK
BOPE - Function Test		UNLOAD BOP, FUNCTION TEST, NIPPLE UP XOVER SPOOL ON BOP
Safety Meeting		CREW CHANGE , SAFETY MEETING, RIG INSPECTION
Well Control - Kill Well - Brine		PUMP 200 BBLS BRINE DOWN CASING, SHUT IN FOR 1 HOUR
Casing - Flowback		FLOW WELL DOWN TO PIT
Safety - Personnel		
Job Cost Detail Report		
Daily Summary		CHLOE 3 WLP 106 LARRY WILLIAMS 12-29-11.....move in pulling unit and all equipment and rig up,mechanic fix hydraulic leak on motor, kill well with brine water
Rig Crew Travel Time		CREW TRAVEL TO LOCATION
Site Work		CLEANUP LOCATION
Break for Crew		LUNCH
Pulling Unit - Rig Up		RIG UP PULLING UNIT - WLP 106
Pulling Unit - Repair/Service		MECHANIC FIX HYDRAULIC LEAK ON TRANSMISSION
Total Cost for 12/29/2011	**$108,407.36**	
12/30/2011		
Job Cost Detail Report		
Safety Meeting		WESTEX SAFETY MEETING
Rig Crew Travel Time		CREW TRAVEL TO LOCATION
Safety Meeting		LOCATION SAFETY MEETING, RIG INSPECTION
Bit - Run		RUN IN HOLE WITH BIT
Break for Crew		LUNCH
Bit - Run		TALLY AND RUN IN HOLE WITH BIT TO TOP BRIDGE PLUG
Stripper Head - Nipple Up/Nipple Down		NIPPLE UP STRIPPER HEAD AND FLOWLINE TO PIT

View Details...

Power Swivel - Rig Up		RIG UP SWIVEL
Circulate		CIRCULATE HOLE WITH AIR
Safety Meeting		CREW CHANGE, SAFETY MEETING, RIG INSPECTION
Circulate		CIRCULATE HOLE WITH AIR
Drill - Bridge Plug		DRILL OUT BRIDGE PLUGS AT 9010', 9720' AND 10140'
Safety - Personnel		
Break for Crew		LUNCH
Frac Valve - Nipple Down		NIPPLE DOWN FRAC VALVE
BOPE Hydraulic - Nipple Up		NIPPLE UP BOP AND SPOOL
Bit - Run		PREP TOOLS TO RUN TUBING, RUN IN HOLE WITH 4 3/4" BIT, 6 X 3 1/2" DC AND 2 7/8" L-80 TBG
Shut-in Overnight		SHUT IN WELL, SECURE LOCATION
Rig Crew Travel Time		CREW TRAVEL TO WESTEX YARD
Daily Summary		CHLOE 3 WLP 106 LARRY WILLIAMS 12-30-11.....nipple down frac valve, nipple up bop and xover spool, pick up and run in hole with 4 3/4" bit, 6 x 3 1/2' drill collars and 2 7/8" L-80 tbg, attend Friday safety meeting, run in hole with bit to top bridge plug, nipple up stripper head and flowline to pit, establish circulation with air, drill out bridge plugs
Total Cost for 12/30/2011	**$72,526.48**	
12/31/2011		
Power Swivel - Rig Down		LAY DOWN SWIVEL
Stripper Head - Nipple Up/Nipple Down		NIPPLE DOWN STRIPPER HEAD
Bit - Pull		PULL OUT OF HOLE WITH 45 STANDS
Shut-in Overnight		SHUT IN WELL, SECURE LOCATION
Rig Crew Travel Time		CREW TRAVEL HOME
Safety - Personnel		
Job Cost Detail Report		
Drill - Bridge Plug		DRILL OUT BRIDGE PLUGS AT 10510' AND 10910', CLEANOUT TO FLOAT COLLAR AT 11290'
Circulate		CIRCULATE HOLE CLEAN WITH AIR
Safety Meeting		CREW CHANGE, SAFETY MEETING, RIG INSPECTION
Circulate		CIRCULATE HOLE CLEAN WITH AIR
Well Control - Kill Well - Brine		KILL WELL WITH BRINE
Daily Summary		12-31-11.....drill out bridge plugs at 9010', 9720', 10140', 10510' and 10910', cleanout to float collar at 11290, circulate hole clean, kill well with brine water, rig down swivel, nipple down stripper head, pull out of hole with bit above perfs to 8500', shut in well till Monday
Total Cost for 12/31/2011	**$28,093.02**	
Total Cost for CHLOE-3	**$1,082,221.31**	