



178.Daily Partner Report

UNIVERSITY UA 005

Report Date: 8/29/2015

Report #: 1

Actual Days: 0.71

Well Info												
API / UWI	Region / Division	District	Field Name	Original Spud Date								
4200347198	PERMIAN	PERMIAN CONVENTIONAL	MARTIN	8/31/2015								
County	State/Province	Original KB/RT Elevation (ft)	Ground Elevation (ft)									
ANDREWS	TEXAS	3,287.00	3,273.00									
Job Summary												
Job Category	Last Casing String	AFE Dur Total (days)	Total AFE (Cost)	Cumulative Cost (Cost)								
DRILLING	Conductor, 54.0ftKB	11.05	1,072,892.35	240,873.00								
Daily Ops Summary												
Rig (Names)	Wellbore	End Depth (ftKB)	Depth Progress (ft)	Daily Cost Total (Cost)								
PRECISION DRILLING CO PRECISION 194	Original Hole	0.0		240,873.00								
Weather	Hole Condition	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum TL Days from Spud (...)								
Ops and Depth @ Morning Report												
RIG REPAIR												
Last 24hr Summary												
REPAIRING LIGHT PLANT, WORKING ON MUD TANKS. WAITING ON DAYLIGHT TO BRING REMAINING LOADS IN.												
SAFETY #S ON CHALK GO-C #40 REPORT												
24hr Forecast												
CONT MOBILIZE RIG TO UA #5, R/U, SPUD 12 1/4" SFC HOLE												
Time Log												
Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation			
13:00	15:00	2.00	MIRU	MOVE	RURD	P	54.0	54.0	R/D ON CHALK GO-C #40W			
15:00	21:00	6.00	MIRU	MOVE	MOB	P	54.0	54.0	MOBILIZE RIG T/ UNIVERSITY ANDREWS # 5			
21:00	06:00	9.00	MIRU	MOVE	RURD	P	54.0	54.0	WHILE WAITING ON DAYLIGHT TO MOVE IN REMAINING LOADS, REPAIR LIGHT PLANT. WORKING ON MUD TANK SYSTEM.			
Head Count / Manhours												
Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)							
HAYNES CONSULTING	ONSITE SUPERVISOR	CONTRACTOR	1	12.00	12.00							
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	EMPLOYEE	1	12.00	12.00							
CONOCOPHILLIPS CO	SAFETY PERSONNEL	EMPLOYEE	1	12.00	12.00							
CRUDE CONSULTING INC	SAFETY PERSONNEL	CONTRACTOR	1	12.00	12.00							
PRECISION DRILLING	RIG CREW	CONTRACTOR	12	12.00	144.00							
CREEK CONSTRUCTION	ROUSTABOUT CREW	CONTRACTOR	32	10.00	320.00							
WEST CO.	LOCATION CONSTRUCTION	CONTRACTOR	2	12.00	24.00							
READY DRILL	LOCATION CONSTRUCTION	CONTRACTOR	5	10.00	50.00							
ONYX	LOCATION CONSTRUCTION	CONTRACTOR	4	6.00	24.00							
FAS-LINE SALES & RENTAL	LOCATION CONSTRUCTION	CONTRACTOR	5	11.00	55.00							
Drilling Parameters												
Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (")	dP (SPP) (psi)
Casing Strings												
Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)				
Conductor	16	54.0	14.0	8/24/2015		65.00						
Surface	8 5/8	1,382.7	14.0	9/1/2015		24.00	875.8	11.96				
Production1	5 1/2	8,785.7	14.0	9/11/2015	4.767	17.00						



178.Daily Partner Report

UNIVERSITY UA 005

Report Date: 8/30/2015

Report #: 2

Actual Days: 1.71

Well Info												
API / UWI 4200347198		Region / Division PERMIAN		District PERMIAN CONVENTIONAL			Field Name MARTIN		Original Spud Date 8/31/2015			
County ANDREWS			State/Province TEXAS		Original KB/RT Elevation (ft) 3,287.00			Ground Elevation (ft) 3,273.00				
Job Summary												
Job Category DRILLING			Last Casing String Conductor, 54.0ftKB			AFE Dur Total (days) 11.05		Total AFE (Cost) 1,072,892.35		Cumulative Cost (Cost) 273,501.00		
Daily Ops Summary												
Rig (Names) PRECISION DRILLING CO PRECISION 194			Wellbore Original Hole		End Depth (ftKB) 0.0		Depth Progress (ft)		Daily Cost Total (Cost) 32,628.00			
Weather		Hole Condition			Drilling Hours (hr)		Avg ROP (ft/hr)		Cum TL Days from Spud (...)			
Ops and Depth @ Morning Report REPAIRING PASON SYSTEM												
Last 24hr Summary CONT MOBILIZING RIG T/ UNIVERSITY ANDREWS #5, RIG UP, PERFORM IADC PRE-SPUD INSPECTION, PASON MALFUNCTIONING, NO COMMUNICATION WITH MUD TANKS. WAIT ON PASON TECH TO ARRIVE												
JSA-45, S-8, US-10, NM-0, HMW-1, FA-1, STJD-2 EST RIG MOVE TO VACUUM GLORIETA EAST UNIT 01-14H SUNDAY 9/6/15												
24hr Forecast REPAIR PASON SYSTEM, DRILL 12 1/4" SFC HOLE, TOO, RUN 8 5/8" SFC CSG & CMT SAME. N/U BOPE & TEST SAME.												
Time Log												
Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation			
06:00	11:30	5.50	MIRU	MOVE	MOB	P	54.0	54.0	MOBILIZE REMAINING LOADS TO UNIVERSITY ANDREWS #5			
11:30	03:45	16.25	MIRU	MOVE	RURD	P	54.0	54.0	R/U RIG AND MAKE READY TO SPUD / NIPPLE UP CONDUCTOR AND RELATED EQUIPMENT / STRAP AND P/U BHA / TEST SURFACE LINES TO 2,500 PSI / PERFORM PRE-SPUD INSPECTION *** NOTIFIED TRRC, DAPHENE: OP#5 @ 2100, 8/30/15***			
03:45	04:15	0.50	MIRU	MOVE	OTHR	T	54.0	54.0	WHILE TESTING MUD LINES NOTICED THAT THERE WAS A PROBLEM WITH PASON. NO COMMUNICATION WITH MUD TANKS. TROUBLESHOOT SAME.			
04:15	05:00	0.75	MIRU	MOVE	OTHR	T	54.0	54.0	WAIT ON PASON TECH TO ARRIVE ON LOCATION			
05:00	06:00	1.00	MIRU	MOVE	OTHR	T	54.0	54.0	TROUBLESHOOT PASON J-BOX ON MANIFOLD SHACK BECAUSE RIG WAS NOT COMMUNICATING WITH MUD PITS. REPAIR SAME.			
Head Count / Manhours												
Company		Function			Personnel Type		Count	Time (hr)	Tot Work Time (hr)			
HAYNES CONSULTING		ONSITE SUPERVISOR			CONTRACTOR		1	12.00	12.00			
CONOCOPHILLIPS CO		ONSITE SUPERVISOR			EMPLOYEE		1	12.00	12.00			
CONOCOPHILLIPS CO		SAFETY PERSONNEL			EMPLOYEE		1	12.00	12.00			
CRUDE CONSULTING INC		SAFETY PERSONNEL			CONTRACTOR		1	12.00	12.00			
PRECISION DRILLING		RIG CREW			CONTRACTOR		12	12.00	144.00			
ATK OILFIELD TRANSPORTATION		RIG MOVERS			CONTRACTOR		10	7.00	70.00			
TAN MAR RENTALS		PORTABLE TOILET HAND			CONTRACTOR		2	1.00	2.00			
PASON SYSTEMS INC		SERVICE TECHNICIAN			CONTRACTOR		1	1.00	1.00			
ENERSAFE		SAFETY/H2S			CONTRACTOR		1	2.00	2.00			
CONOCOPHILLIPS CO		SUPERINTENDENT			EMPLOYEE		1	1.00	1.00			
BAKER HUGHES		TRUCKER			CONTRACTOR		3	2.00	6.00			
INNOVATIVE AUTOMATION		MECHANIC/ELECTRICIAN			CONTRACTOR		1	7.00	7.00			
E L FARMER TRUCKING		TRUCKER			CONTRACTOR		1	1.00	1.00			
Drilling Parameters												
Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)
Casing Strings												
Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)				
Conductor	16	54.0	14.0	8/24/2015		65.00						
Surface	8 5/8	1,382.7	14.0	9/1/2015		24.00	875.8	11.96				
Production1	5 1/2	8,785.7	14.0	9/11/2015	4.767	17.00						



178.Daily Partner Report
UNIVERSITY UA 005

Report Date: 8/31/2015
Report #: 3
Actual Days: 2.71

Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
C & C TRANSPORT	TRUCKER	CONTRACTOR	2	12.00	24.00
CONOCOPHILLIPS CO	SUPERINTENDENT	EMPLOYEE	1	2.00	2.00
CONOCOPHILLIPS CO	SUPERINTENDENT	EMPLOYEE	1	2.00	2.00
CRUDE CONSULTING INC	SAFETY PERSONNEL	CONTRACTOR	1	3.00	3.00
HALLIBURTON ENERGY SERVICES	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1	2.00	2.00
ENERSAFE	SAFETY/H2S	CONTRACTOR	1	1.00	1.00
PASON SYSTEMS INC	SERVICE TECHNICIAN	CONTRACTOR	1	3.00	3.00
BAKER HUGHES	CMT CREW	CONTRACTOR	5	12.00	60.00
NATIONAL OILWELL	VENDOR	CONTRACTOR	1	1.00	1.00
ROCKWATER ENERGY SERVICES	VENDOR	CONTRACTOR	1	1.00	1.00

Drilling Parameters

Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)
54.0	1,315.0	1,261.00	14.00		90.1	725	12	85	1,880.0	8,000.0		115.0

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	16	54.0	14.0	8/24/2015		65.00		
Surface	8 5/8	1,382.7	14.0	9/1/2015		24.00	875.8	11.96
Production1	5 1/2	8,785.7	14.0	9/11/2015	4.767	17.00		



178.Daily Partner Report

UNIVERSITY UA 005

Report Date: 8/31/2015

Report #: 3

Actual Days: 2.71

Well Info									
API / UWI 4200347198		Region / Division PERMIAN		District PERMIAN CONVENTIONAL		Field Name MARTIN		Original Spud Date 8/31/2015	
County ANDREWS		State/Province TEXAS		Original KB/RT Elevation (ft) 3,287.00		Ground Elevation (ft) 3,273.00			
Job Summary									
Job Category DRILLING		Last Casing String Conductor, 54.0ftKB		AFE Dur Total (days) 11.05		Total AFE (Cost) 1,072,892.35		Cumulative Cost (Cost) 310,458.00	
Daily Ops Summary									
Rig (Names) PRECISION DRILLING CO PRECISION 194		Wellbore Original Hole		End Depth (ftKB) 1,315.0		Depth Progress (ft) 1,261.00		Daily Cost Total (Cost) 36,957.00	
Weather		Hole Condition		Drilling Hours (hr) 14.00		Avg ROP (ft/hr) 90.1		Cum TL Days from Spud (...) 0.88	
Ops and Depth @ Morning Report DRLG 12 1/4" SFC HOLE @ 1,315'									
Last 24hr Summary REPAIR PASON SYSTEM, DRILL 12 1/4" SFC HOLE F/ 54' T/ 1,102', **SAFETY STANDDOWN W/ SAM HYDEN, TERRY BRUMLEY & JET BROWN - MAINTAIN SITE SAFETY, DRILL 12 1/4" SFC HOLE F/ 1,102' T/ 1,315'									
JSA-36, S-13, US-11, NM-1, HMW-0, FA-0, STJD-2 EST RIG MOVE TO VACUUM GLORIETA EAST UNIT 01-14H MONDAY 9/7/15									
24hr Forecast CONT DRLG 12 1/4" SFC HOLE, TOO, RUN 8 5/8" SFC CSG & CMT SAME.									
Time Log									
Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
06:00	08:00	2.00	MIRU	MOVE	OTHR	T	54.0	54.0	CONT. TO TROUBLESHOOT PASON J-BOX ON MANIFOLD SHACK BECAUSE RIG WAS NOT COMMUNICATING WITH MUD PITS. REPAIR SAME.
08:00	09:00	1.00	MIRU	MOVE	OTHR	P	54.0	54.0	FINISH STRAPPING AND P/U BHA, TEST SURFACE LINES TO 2500 PSI, RIG UP CELLAR PUMP PERFORM PRE-SPUD INSPECTION
09:00	10:15	1.25	SURFA C	DRILL	DRLG	P	54.0	276.0	TIH, DRILL 12 1/4" SURFACE HOLE F/ 54' - T/ 276'
10:15	11:00	0.75	SURFA C	DRILL	OTHR	T	276.0	276.0	FLOWLINE PACKED OFF. CLEAR SAME.
11:00	12:00	1.00	SURFA C	DRILL	DRLG	P	276.0	682.0	DRILL 12 1/4" SFC HOLE F/ 276' T/ 682'
12:00	12:45	0.75	SURFA C	DRILL	OTHR	T	682.0	682.0	FLOWLINE PACKED OFF. CLEAR SAME.
12:45	13:30	0.75	SURFA C	DRILL	DRLG	P	682.0	921.0	DRILL 12 1/4" SFC HOLE F/ 682' T/ 921'
13:30	14:30	1.00	SURFA C	DRILL	OTHR	T	921.0	921.0	FLOWLINE PACKED OFF. CLEAR SAME.
14:30	16:45	2.25	SURFA C	DRILL	DRLG	P	921.0	1,079.0	DRILL 12 1/4" SFC HOLE F/ 921' T/ 1,079'
16:45	17:15	0.50	SURFA C	DRILL	RGRP	T	1,079.0	1,079.0	CHANGE OUT HEAD IN MUD PUMP #1
17:15	18:00	0.75	SURFA C	DRILL	DRLG	P	1,079.0	1,102.0	DRILL 12 1/4" SFC HOLE F/ 1,079' T/ 1,102'
18:00	19:00	1.00	SURFA C	DRILL	SFTY	P	1,102.0	1,102.0	SAFETY STAND DOWN LED BY SAM HYDEN, TERRY BRUMLEY, JET BROWN WITH ALL PERSONNEL ON LOCATION TO DISCUSS SAFETY, SAFETY TOPIC - MAINTAINING A SAFE WORK ENVIRONMENT
19:00	22:00	3.00	SURFA C	DRILL	RGRP	T	1,102.0	1,102.0	REPLACE BIRD CAGE AND LINER IN PUMP #1
22:00	06:00	8.00	SURFA C	DRILL	DRLG	P	1,102.0	1,315.0	DRILL 12 1/4" SFC HOLE F/ 1,102' T/ 1,315' (TAKING LONGER TO DRILL DUE TO HIGH TORQUE, UNABLE TO PUT MORE THAN 8-10K ON THE BIT, PUMPED SEVERAL NUT PLUG SWEEPS, DID NOT SEEM TO HELP)
Head Count / Manhours									
Company		Function		Personnel Type		Count	Time (hr)		Tot Work Time (hr)
HAYNES CONSULTING		ONSITE SUPERVISOR		CONTRACTOR		1	12.00		12.00
CONOCOPHILLIPS CO		ONSITE SUPERVISOR		EMPLOYEE		1	12.00		12.00
CONOCOPHILLIPS CO		SAFETY PERSONNEL		EMPLOYEE		1	12.00		12.00
CRUDE CONSULTING INC		SAFETY PERSONNEL		CONTRACTOR		1	12.00		12.00
PRECISION DRILLING		RIG CREW		CONTRACTOR		12	12.00		144.00
MS ENERGY		DD/MWD		CONTRACTOR		2	12.00		24.00



178.Daily Partner Report

UNIVERSITY UA 005

Report Date: 9/2/2015

Report #: 5

Actual Days: 4.71

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	16	54.0	14.0	8/24/2015		65.00		
Surface	8 5/8	1,382.7	14.0	9/1/2015		24.00	875.8	11.96
Production1	5 1/2	8,785.7	14.0	9/11/2015	4.767	17.00		



178.Daily Partner Report

UNIVERSITY UA 005

Report Date: 9/2/2015

Report #: 5

Actual Days: 4.71

Well Info												
API / UWI 4200347198			Region / Division PERMIAN			District PERMIAN CONVENTIONAL			Field Name MARTIN		Original Spud Date 8/31/2015	
County ANDREWS				State/Province TEXAS			Original KB/RT Elevation (ft) 3,287.00			Ground Elevation (ft) 3,273.00		
Job Summary												
Job Category DRILLING				Last Casing String Surface, 1,382.7ftKB			AFE Dur Total (days) 11.05		Total AFE (Cost) 1,072,892.35		Cumulative Cost (Cost) 458,274.00	
Daily Ops Summary												
Rig (Names) PRECISION DRILLING CO PRECISION 194				Wellbore Original Hole		End Depth (ftKB) 3,180.0		Depth Progress (ft) 1,770.00		Daily Cost Total (Cost) 38,810.00		
Weather			Hole Condition			Drilling Hours (hr) 13.75		Avg ROP (ft/hr) 128.7		Cum TL Days from Spud (...) 2.88		
Ops and Depth @ Morning Report DRLG PROD HOLE @ 3,180'												
Last 24hr Summary N/U BOPE & TEST SAME. M/U BHA, TIH T/ 1,000', CIT (GOOD TEST), FIT T/ 158 PSI (GOOD TEST), DRILL 7-7/8" PROD HOLE F/ 1,410' T/3,180'												
SURVEY @ 2,842' 0.1 INC, 21.4 AZI JSA39-, S-9, US17-, NM-0, HMW-1, FA-1, STJD-2 EST RIG MOVE TO VACUUM GLORIETA EAST UNIT 01-14H MONDAY 9/7/15												
24hr Forecast CONT DRLG 7-7/8 PROD HOLE												
Time Log												
Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation			
06:00	07:30	1.50	SURFA C	CEMENT	BOPE	P	1,410.0	1,410.0	PJSM/GO CARD DISCUSSION, PRESSURE TEST TOP DRIVE & FLOOR VAVLES 250 PSI LOW & 3000 PSI HIGH FOR 5 MINS.			
07:30	08:30	1.00	SURFA C	CEMENT	OTHR	P	1,410.0	1,410.0	SET AND LOCK IN WEAR BUSHING (CO MAN WITNESSED), ALL VALVES CLOSED ON WELLHEAD, READY RIG FLOOR FOR TRIP.			
08:30	11:30	3.00	SURFA C	CEMENT	TRIP	P	1,410.0	1,410.0	M/U BHA & TIH T/ 1,215'			
11:30	12:30	1.00	SURFA C	CEMENT	PRTS	P	1,410.0	1,410.0	PERFORM CSG INTEGRITY TEST TO 1,200 PSI FOR 30 MIN. WITH BOP TEST TRUCK. (TEST GOOD) R/D TESTER			
12:30	13:00	0.50	SURFA C	CEMENT	BOPE	P	1,410.0	1,410.0	REPLACE HYDRAULIC HOSE UNDER PIPE ARM			
13:00	14:30	1.50	SURFA C	CEMENT	OTHR	P	1,410.0	1,410.0	DRILL OUT CEMENT, FLOAT EQUIPMENT & 10' OF NEW FORMATION F/1,410' T/ 1,420'			
14:30	14:45	0.25	SURFA C	CEMENT	CIRC	P	1,410.0	1,410.0	CIRC 9.8 PPG MUD IN AND OUT			
14:45	15:45	1.00	SURFA C	CEMENT	FIT	P	1,410.0	1,410.0	PERFORM FIT, EMW 12.0, TEST TO 158 PSI WITH 9.8 PPG MUD AT FOR 10 MINS W/ BOP TEST TRUCK, TEST GOOD.			
15:45	17:45	2.00	PROD1	DRILL	DRLG	P	1,410.0	1,630.0	DRILL 7-7/8" PROD HOLE F/ 1,410' - T/1,630'			
17:45	18:00	0.25	PROD1	DRILL	SVRG	P	1,630.0	1,630.0	RIG SERVICE			
18:00	01:30	7.50	PROD1	DRILL	DRLG	P	1,630.0	2,761.0	DRILL 7-7/8" PROD HOLE F/1,630' T/2,761'			
01:30	02:00	0.50	PROD1	DRILL	DDRL	P	2,761.0	2,786.0	SLIDE F/2,761' T/2,786'			
02:00	05:45	3.75	PROD1	DRILL	DRLG	P	2,786.0	3,180.0	DRILL 7-7/8" PROD HOLE F/2,786' T/3,180'			
05:45	06:00	0.25	PROD1	DRILL	SVRG	P	3,180.0	3,180.0	RIG SERVICE			
Head Count / Manhours												
Company			Function			Personnel Type			Count	Time (hr)	Tot Work Time (hr)	
CRUDE CONSULTING INC			ONSITE SUPERVISOR			CONTRACTOR			1	12.00	12.00	
PJ PETRO			ONSITE SUPERVISOR			CONTRACTOR			1	12.00	12.00	
CONOCOPHILLIPS CO			SAFETY PERSONNEL			EMPLOYEE			1	12.00	12.00	
CONOCOPHILLIPS CO			SAFETY PERSONNEL			EMPLOYEE			1	12.00	12.00	
CRUDE CONSULTING INC			SAFETY PERSONNEL			CONTRACTOR			1	12.00	12.00	
CRUDE CONSULTING INC			SAFETY PERSONNEL			CONTRACTOR			1	12.00	12.00	
PRECISION DRILLING			RIG CREW			CONTRACTOR			12	12.00	144.00	
MS ENERGY			DD/MWD			CONTRACTOR			2	12.00	24.00	
SELMAN & ASSOCIATES			MUD/CHEMICAL PERSONNEL			CONTRACTOR			2	8.00	16.00	
24/7 WELDING			WELDER			CONTRACTOR			1	9.00	9.00	
ENERSAFE			SAFETY/H2S			CONTRACTOR			1	1.00	1.00	
NOV			VENDOR			CONTRACTOR			1	0.50	0.50	
PASON			VENDOR			CONTRACTOR			1	0.50	0.50	
Drilling Parameters												
Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)
1,410.0	3,180.0	1,770.00	13.75	0.50	128.7	450	20	75	2,400.0	7,500.0		



178.Daily Partner Report
UNIVERSITY UA 005

Report Date: 9/3/2015
Report #: 6
Actual Days: 5.71

Well Info												
API / UWI 4200347198		Region / Division PERMIAN		District PERMIAN CONVENTIONAL		Field Name MARTIN		Original Spud Date 8/31/2015				
County ANDREWS		State/Province TEXAS		Original KB/RT Elevation (ft) 3,287.00		Ground Elevation (ft) 3,273.00						
Job Summary												
Job Category DRILLING		Last Casing String Surface, 1,382.7ftKB		AFE Dur Total (days) 11.05		Total AFE (Cost) 1,072,892.35		Cumulative Cost (Cost) 495,487.00				
Daily Ops Summary												
Rig (Names) PRECISION DRILLING CO PRECISION 194		Wellbore Original Hole		End Depth (ftKB) 4,920.0		Depth Progress (ft) 1,740.00		Daily Cost Total (Cost) 37,213.00				
Weather		Hole Condition		Drilling Hours (hr) 22.75		Avg ROP (ft/hr) 76.5		Cum TL Days from Spud (...) 3.88				
Ops and Depth @ Morning Report DRLG PROD HOLE @ 4,920'												
Last 24hr Summary DRILL 7-7/8" PROD HOLE F/ 3,180' T/ 4,920' SURVEY @ 4,634' 0.7 INC, 196.6 AZI SAFETY STAND DOWN LED BY SAM HYDEN & JET BROWN WITH ALL PERSONNEL ON LOCATION TO DISCUSS SAFETY, SAFETY TOPIC - MAINTAINING A SAFE WORK ENVIRONMENT JSA-35, S-8, US-12, NM-0, HMW-0, FA-0, STJD-2 EST RIG MOVE TO VACUUM GLORIETA EAST UNIT 01-14H TUESDAY 9/8/15												
24hr Forecast CONT DRLG 7-7/8" PROD HOLE												
Time Log												
Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation			
06:00	17:00	11.00	PROD1	DRILL	DRLG	P	3,180.0	4,130.0	DRILL 7-7/8" PROD HOLE F/3,180' T/4,130'			
17:00	18:00	1.00	PROD1	DRILL	SFTY	P	4,130.0	4,130.0	SAFETY STAND DOWN LED BY SAM HYDEN, JET BROWN WITH ALL PERSONNEL ON LOCATION TO DISCUSS SAFETY, SAFETY TOPIC - MAINTAINING A SAFE WORK ENVIRONMENT			
18:00	05:45	11.75	PROD1	DRILL	DRLG	P	4,130.0	4,920.0	DRILL 7-7/8" PROD HOLE F/4,130" T/4,920'			
05:45	06:00	0.25	PROD1	DRILL	SVRG	P	4,920.0	4,920.0	RIG SERVICE			
Head Count / Manhours												
Company		Function		Personnel Type		Count	Time (hr)	Tot Work Time (hr)				
CRUDE CONSULTING INC		ONSITE SUPERVISOR		CONTRACTOR		1	12.00	12.00				
PJ PETRO		ONSITE SUPERVISOR		CONTRACTOR		1	12.00	12.00				
CONOCOPHILLIPS CO		SAFETY PERSONNEL		EMPLOYEE		1	12.00	12.00				
CONOCOPHILLIPS CO		SAFETY PERSONNEL		EMPLOYEE		1	12.00	12.00				
CRUDE CONSULTING INC		SAFETY PERSONNEL		CONTRACTOR		1	12.00	12.00				
CRUDE CONSULTING INC		SAFETY PERSONNEL		CONTRACTOR		1	12.00	12.00				
CONOCOPHILLIPS CO		SUPERINTENDENT		EMPLOYEE		1	2.00	2.00				
CRUDE CONSULTING INC		SAFETY PERSONNEL		CONTRACTOR		1	2.00	2.00				
PRECISION DRILLING		RIG CREW		CONTRACTOR		12	12.00	144.00				
MS ENERGY		DD/MWD		CONTRACTOR		2	12.00	24.00				
SELMAN & ASSOCIATES		MUD/CHEMICAL PERSONNEL		CONTRACTOR		2	8.00	16.00				
ROCKWATER		VENDOR		CONTRACTOR		1	1.00	1.00				
E L FARMER TRUCKING		TRUCKER		CONTRACTOR		1	1.00	1.00				
HALLIBURTON BITS		VENDOR		CONTRACTOR		1	1.00	1.00				
TAN MAR RENTALS		TRUCKER		CONTRACTOR		1	1.00	1.00				
Drilling Parameters												
Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)
3,180.0	4,920.0	3,510.00	22.75		76.5	450	25	65	2,400.0	8,500.0		
Casing Strings												
Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)				
Conductor	16	54.0	14.0	8/24/2015		65.00						
Surface	8 5/8	1,382.7	14.0	9/1/2015		24.00	875.8	11.96				
Production1	5 1/2	8,785.7	14.0	9/11/2015	4.767	17.00						



178.Daily Partner Report

UNIVERSITY UA 005

Report Date: 9/4/2015

Report #: 7

Actual Days: 6.71

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Production1	5 1/2	8,785.7	14.0	9/11/2015	4.767	17.00		



178.Daily Partner Report

UNIVERSITY UA 005

Report Date: 9/4/2015

Report #: 7

Actual Days: 6.71

Well Info												
API / UWI 4200347198		Region / Division PERMIAN		District PERMIAN CONVENTIONAL			Field Name MARTIN		Original Spud Date 8/31/2015			
County ANDREWS			State/Province TEXAS			Original KB/RT Elevation (ft) 3,287.00			Ground Elevation (ft) 3,273.00			
Job Summary												
Job Category DRILLING			Last Casing String Surface, 1,382.7ftKB			AFE Dur Total (days) 11.05		Total AFE (Cost) 1,072,892.35		Cumulative Cost (Cost) 542,919.00		
Daily Ops Summary												
Rig (Names) PRECISION DRILLING CO PRECISION 194			Wellbore Original Hole		End Depth (ftKB) 5,887.0		Depth Progress (ft) 967.00		Daily Cost Total (Cost) 47,432.00			
Weather		Hole Condition			Drilling Hours (hr) 13.75		Avg ROP (ft/hr) 70.3		Cum TL Days from Spud (...) 4.88			
Ops and Depth @ Morning Report TIH @1,000'												
Last 24hr Summary DRILL 7-7/8" PROD HOLE F/ 4,920' T/5,887' , BRAKE FAILURE CAUSING TOP DRIVE TO DESCEND AND DRILL STRING TO FALL TO BOTTOM. SAFETY STANDDOWN HELD. PJSM FOR STRAIGHTENING OF DRILL LINE. STRAIGHTENED DRILL LINE AND PICKED UP OFF BOTTOM, POOH, EVALUATE BIT, M/U BHA, TIH SURVEY @ 5529' 0.7 INC, 176 AZI JSA-38, S-9, US-11, NM-0, HMW-0, FA-0, STJD-2 EST RIG MOVE TO VACUUM GLORIETA EAST UNIT 01-14H WEDNESDAY 9/9/15												
24hr Forecast TIH T/ 5,887', DRILL PROD HOLE.												
Time Log												
Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation			
06:00	08:15	2.25	PROD1	DRILL	DRLG	P	4,920.0	5,135.0	DRILL 7-7/8" PROD HOLE F/4,920' T/5,135'			
08:15	09:15	1.00	PROD1	DRILL	RGRP	P	5,135.0	5,135.0	CHANGE OUT ROTATING HEAD AND SEAL			
09:15	17:45	8.50	PROD1	DRILL	DRLG	P	5,135.0	5,730.0	DRILL 7-7/8" PROD HOLE F/5,135 T/5,730'			
17:45	18:00	0.25	PROD1	DRILL	SVRG	P	5,730.0	5,730.0	RIG SERVICE			
18:00	21:00	3.00	PROD1	DRILL	DRLG	P	5,730.0	5,887.0	DRILL 7-7/8" PROD HOLE F/5,730' T/5,887			
21:00	21:30	0.50	PROD1	DRILL	RGRP	T	5,887.0	5,887.0	ELECTRICAL REPAIR TO PUMP HOUSE PANEL PLUG			
21:30	22:30	1.00	PROD1	DRILL	RGRP	T	5,887.0	5,887.0	BRAKE FAILURE CAUSING TOP DRIVE TO DECEND AND DRILL STRING TO FALL TO BOTTOM. SAFETY STANDDOWN HELD. PJSM FOR STRAIGHTENING OF DRILL LINE. STRAIGHTENED DRILL LINE AND PICKED UP OFF BOTTOM.			
22:30	03:30	5.00	PROD1	DRILL	TRIP	T	5,887.0	5,887.0	POOH T/ BIT. EVALUATE BIT (GOOD)			
03:30	04:30	1.00	PROD1	DRILL	PULD	T	5,887.0	5,887.0	PJSM, M/U BHA			
04:30	06:00	1.50	PROD1	DRILL	TRIP	T	5,887.0	5,887.0	TIH T/1,000'			
Head Count / Manhours												
Company		Function			Personnel Type		Count	Time (hr)	Tot Work Time (hr)			
CRUDE CONSULTING INC		ONSITE SUPERVISOR			CONTRACTOR		1	12.00	12.00			
PJ PETRO		ONSITE SUPERVISOR			CONTRACTOR		1	12.00	12.00			
CONOCOPHILLIPS CO		SAFETY PERSONNEL			EMPLOYEE		1	12.00	12.00			
CONOCOPHILLIPS CO		SAFETY PERSONNEL			EMPLOYEE		1	12.00	12.00			
CRUDE CONSULTING INC		SAFETY PERSONNEL			CONTRACTOR		1	12.00	12.00			
CRUDE CONSULTING INC		SAFETY PERSONNEL			CONTRACTOR		1	12.00	12.00			
PRECISION DRILLING		RIG CREW			CONTRACTOR		12	12.00	144.00			
MS ENERGY		DD/MWD			CONTRACTOR		2	12.00	24.00			
SELMAN & ASSOCIATES		MUD/CHEMICAL PERSONNEL			CONTRACTOR		2	8.00	16.00			
CONOCOPHILLIPS CO		SUPERINTENDENT			EMPLOYEE		1	2.00	2.00			
E L FARMER TRUCKING		TRUCKER			CONTRACTOR		3	3.00	9.00			
E L FARMER TRUCKING		FORKLIFT			CONTRACTOR		1	3.00	3.00			
GATOR OILFIELD SERVICES		TUBULAR INSPECTIONS/SERVICE			CONTRACTOR		3	6.00	18.00			
Drilling Parameters												
Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)
4,920.0	5,887.0	4,477.00	13.75		70.3	450	30	65	2,400.0	10,000.0		
Casing Strings												
Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)				
Conductor	16	54.0	14.0	8/24/2015		65.00						
Surface	8 5/8	1,382.7	14.0	9/1/2015		24.00	875.8	11.96				



178.Daily Partner Report
UNIVERSITY UA 005

Report Date: 9/5/2015
Report #: 8
Actual Days: 7.71

Well Info												
API / UWI 4200347198		Region / Division PERMIAN		District PERMIAN CONVENTIONAL		Field Name MARTIN		Original Spud Date 8/31/2015				
County ANDREWS		State/Province TEXAS		Original KB/RT Elevation (ft) 3,287.00		Ground Elevation (ft) 3,273.00						
Job Summary												
Job Category DRILLING		Last Casing String Surface, 1,382.7ftKB		AFE Dur Total (days) 11.05		Total AFE (Cost) 1,072,892.35		Cumulative Cost (Cost) 572,987.00				
Daily Ops Summary												
Rig (Names) PRECISION DRILLING CO PRECISION 194		Wellbore Original Hole		End Depth (ftKB) 6,870.0		Depth Progress (ft) 983.00		Daily Cost Total (Cost) 30,068.00				
Weather		Hole Condition		Drilling Hours (hr) 18.50		Avg ROP (ft/hr) 53.1		Cum TL Days from Spud (...) 5.88				
Ops and Depth @ Morning Report DRLG PROD HOLE @ 6,870'												
Last 24hr Summary TIH T/ 5,887', DRILL PROD HOLE F/5,887' T/6,870' SURVEY @ 6,424' 0.8 INC, 168 AZI JSA-35, S-9, US-14, NM-0, HMW-0, FA-0, STJD-2 EST RIG MOVE TO VACUUM GLORIETA EAST UNIT 01-14H WEDNESDAY 9/9/15												
24hr Forecast CONT. DRLG 7-7/8 PROD HOLE												
Time Log												
Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation			
06:00	07:15	1.25	PROD1	DRILL	RGRP	T	5,887.0	5,887.0	ADJUST BREAK HANDLE ON RIG FLOOR			
07:15	11:15	4.00	PROD1	DRILL	TRIP	T	5,887.0	5,887.0	CONT TIH T/5,887'			
11:15	05:45	18.50	PROD1	DRILL	DRLG	P	5,887.0	6,870.0	DRLG 7-7/8" PROD HOLE F/5,887' T/6,870'			
05:45	06:00	0.25	PROD1	DRILL	SVRG	P	6,870.0	6,870.0	RIG SERVICE			
Head Count / Manhours												
Company		Function		Personnel Type		Count	Time (hr)		Tot Work Time (hr)			
CRUDE CONSULTING INC		ONSITE SUPERVISOR		CONTRACTOR		1	12.00		12.00			
PJ PETRO		ONSITE SUPERVISOR		CONTRACTOR		1	12.00		12.00			
CONOCOPHILLIPS CO		SAFETY PERSONNEL		EMPLOYEE		1	12.00		12.00			
CONOCOPHILLIPS CO		SAFETY PERSONNEL		EMPLOYEE		1	12.00		12.00			
CRUDE CONSULTING INC		SAFETY PERSONNEL		CONTRACTOR		1	12.00		12.00			
CRUDE CONSULTING INC		SAFETY PERSONNEL		CONTRACTOR		1	12.00		12.00			
PRECISION DRILLING		RIG CREW		CONTRACTOR		12	12.00		144.00			
MS ENERGY		DD/MWD		CONTRACTOR		2	12.00		24.00			
SELMAN & ASSOCIATES		MUD/CHEMICAL PERSONNEL		CONTRACTOR		2	12.00		24.00			
BAKER HUGHES		TRUCKER		CONTRACTOR		3	3.00		9.00			
PASON		SERVICE TECHNICIAN		CONTRACTOR		1	2.00		2.00			
PRECISION DRILLING		SUPERINTENDENT		CONTRACTOR		1	4.00		4.00			
PRECISION DRILLING		SAFETY PERSONNEL		CONTRACTOR		1	4.00		4.00			
Drilling Parameters												
Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (")	dP (SPP) (psi)
5,887.0	6,870.0	983.00	18.50		53.1	450	30	70	2,500.0	10,700.0		
Casing Strings												
Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)				
Conductor	16	54.0	14.0	8/24/2015		65.00						
Surface	8 5/8	1,382.7	14.0	9/1/2015		24.00	875.8	11.96				
Production1	5 1/2	8,785.7	14.0	9/11/2015	4.767	17.00						



178.Daily Partner Report
UNIVERSITY UA 005

Report Date: 9/6/2015
Report #: 9
Actual Days: 8.71

Well Info												
API / UWI 4200347198		Region / Division PERMIAN		District PERMIAN CONVENTIONAL		Field Name MARTIN		Original Spud Date 8/31/2015				
County ANDREWS		State/Province TEXAS		Original KB/RT Elevation (ft) 3,287.00		Ground Elevation (ft) 3,273.00						
Job Summary												
Job Category DRILLING		Last Casing String Surface, 1,382.7ftKB		AFE Dur Total (days) 11.05		Total AFE (Cost) 1,072,892.35		Cumulative Cost (Cost) 602,516.00				
Daily Ops Summary												
Rig (Names) PRECISION DRILLING CO PRECISION 194		Wellbore Original Hole		End Depth (ftKB) 8,080.0		Depth Progress (ft) 1,210.00		Daily Cost Total (Cost) 29,529.00				
Weather		Hole Condition		Drilling Hours (hr) 19.25		Avg ROP (ft/hr) 62.9		Cum TL Days from Spud (...) 6.88				
Ops and Depth @ Morning Report DRLG PROD HOLE @ 8,080'												
Last 24hr Summary DRILL PROD HOLE F/6,870' T/8,080'												
SURVEY @ 7,767' 0.7 INC, 187 AZI												
JSA-35, S-14, US-8, NM-0, HMW-0, FA-0, STJD-2												
EST RIG MOVE TO VACUUM GLORIETA EAST UNIT 01-14H THURSDAY 9/10/15												
24hr Forecast CONT. DRLG 7-7/8 PROD HOLE, TD HOLE, CIRC AND CONDITION, POOH, LD/DS, RUN OPEN HOLE LOGS (QUAD COMBO)												
Time Log												
Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation			
06:00	08:00	2.00	PROD1	DRILL	DRLG	P	6,870.0	6,972.0	DRLG 7-7/8" PROD HOLE F/6,870' T/6,972'			
08:00	10:15	2.25	PROD1	DRILL	RGRP	T	6,972.0	6,972.0	CHANGE OUT LINER IN PUMP #1			
10:15	17:45	7.50	PROD1	DRILL	DRLG	P	6,972.0	7,380.0	DRLG 7-7/8" PROD HOLE F/6,972' T/7,380'			
17:45	18:00	0.25	PROD1	DRILL	SVRG	P	7,380.0	7,380.0	RIG SERVICE			
18:00	05:45	11.75	PROD1	DRILL	DRLG	P	7,380.0	8,080.0	DRLG 7-7/8" PROD HOLE F/7,380' T/8,080'			
05:45	06:00	0.25	PROD1	DRILL	SVRG	P	8,080.0	8,080.0	RIG SERVICE			
Head Count / Manhours												
Company		Function		Personnel Type		Count	Time (hr)	Tot Work Time (hr)				
CRUDE CONSULTING INC		ONSITE SUPERVISOR		CONTRACTOR		1	12.00	12.00				
PJ PETRO		ONSITE SUPERVISOR		CONTRACTOR		1	12.00	12.00				
CONOCOPHILLIPS CO		SAFETY PERSONNEL		EMPLOYEE		1	12.00	12.00				
CONOCOPHILLIPS CO		SAFETY PERSONNEL		EMPLOYEE		1	12.00	12.00				
CRUDE CONSULTING INC		SAFETY PERSONNEL		CONTRACTOR		1	12.00	12.00				
CRUDE CONSULTING INC		SAFETY PERSONNEL		CONTRACTOR		1	12.00	12.00				
PRECISION DRILLING		RIG CREW		CONTRACTOR		12	12.00	144.00				
MS ENERGY		DD/MWD		CONTRACTOR		2	12.00	24.00				
SELMAN & ASSOCIATES		MUD/CHEMICAL PERSONNEL		CONTRACTOR		2	12.00	24.00				
CONOCOPHILLIPS CO		SUPERINTENDENT		EMPLOYEE		1	3.00	3.00				
Q MAX		MUD/CHEMICAL PERSONNEL		CONTRACTOR		1	1.00	1.00				
CONOCOPHILLIPS CO		SAFETY PERSONNEL		CONTRACTOR		1	3.00	3.00				
ARGUINDEGUI OIL CO		FUEL HAULER		CONTRACTOR		1	1.00	1.00				
Drilling Parameters												
Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)
6,870.0	8,080.0	2,193.00	19.25		62.9	450	30	70	2,550.0	10,700.0		
Casing Strings												
Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)				
Conductor	16	54.0	14.0	8/24/2015		65.00						
Surface	8 5/8	1,382.7	14.0	9/1/2015		24.00	875.8	11.96				
Production1	5 1/2	8,785.7	14.0	9/11/2015	4.767	17.00						



178.Daily Partner Report

UNIVERSITY UA 005

Report Date: 9/7/2015

Report #: 10

Actual Days: 9.71

Well Info												
API / UWI 4200347198		Region / Division PERMIAN		District PERMIAN CONVENTIONAL		Field Name MARTIN		Original Spud Date 8/31/2015				
County ANDREWS		State/Province TEXAS		Original KB/RT Elevation (ft) 3,287.00		Ground Elevation (ft) 3,273.00						
Job Summary												
Job Category DRILLING		Last Casing String Surface, 1,382.7ftKB		AFE Dur Total (days) 11.05		Total AFE (Cost) 1,072,892.35		Cumulative Cost (Cost) 634,349.00				
Daily Ops Summary												
Rig (Names) PRECISION DRILLING CO PRECISION 194		Wellbore Original Hole		End Depth (ftKB) 8,260.0		Depth Progress (ft) 180.00		Daily Cost Total (Cost) 31,833.00				
Weather		Hole Condition		Drilling Hours (hr) 5.50		Avg ROP (ft/hr) 32.7		Cum TL Days from Spud (...) 7.88				
Ops and Depth @ Morning Report DRLG PROD HOLE @ 8,260'												
Last 24hr Summary DRILL PROD HOLE F/8,080' T/8,163', POOH FOR BIT TRIP, TIH, DRILL PROD HOLE F/8,163' T/8,260'												
SURVEY @ 7,767' 0.7 INC, 187 AZI												
JSA-36, S-7, US-9, NM-1, HMW-0, FA-0, STJD-2												
EST RIG MOVE TO VACUUM GLORIETA EAST UNIT 01-14H THURSDAY 9/10/15												
24hr Forecast CONT. DRLG 7-7/8 PROD HOLE, TD HOLE, CIRC AND CONDITION, POOH, LD/DS, RUN OPEN HOLE LOGS (QUAD COMBO)												
Time Log												
Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation			
06:00	09:15	3.25	PROD1	DRILL	DRLG	P	8,080.0	8,163.0	DRLG 7-7/8" PROD HOLE F/8,080' T/8,163'			
09:15	09:30	0.25	PROD1	DRILL	TRIP	P	8,163.0	8,163.0	DECISION WAS MADE TO POOH FOR BIT CHANGE AFTER ROP AVERAGING @ 20 FT/HR			
09:30	18:00	8.50	PROD1	DRILL	TRIP	P	8,163.0	8,163.0	PJSM; POOH T/BHA			
18:00	20:00	2.00	PROD1	DRILL	PULD	P	8,163.0	8,163.0	CHANGE OUT BIT; M/U DIRECTIONAL TOOL AND TEST			
20:00	21:45	1.75	PROD1	DRILL	TRIP	P	8,163.0	8,163.0	TIH T/1,350'			
21:45	23:15	1.50	PROD1	DRILL	SLPC	P	8,163.0	8,163.0	SLIP AND CUT DRILL LINE			
23:15	23:30	0.25	PROD1	DRILL	SVRG	P	8,163.0	8,163.0	RIG SERVICE			
23:30	03:45	4.25	PROD1	DRILL	TRIP	P	8,163.0	8,163.0	TIH F/1,350' T/8,163'			
03:45	06:00	2.25	PROD1	DRILL	DRLG	P	8,163.0	8,260.0	DRLG PROD HOLE F/8,163' T/8,260'			
Head Count / Manhours												
Company		Function		Personnel Type		Count	Time (hr)		Tot Work Time (hr)			
CRUDE CONSULTING INC		ONSITE SUPERVISOR		CONTRACTOR		1	12.00		12.00			
PJ PETRO		ONSITE SUPERVISOR		CONTRACTOR		1	12.00		12.00			
CONOCOPHILLIPS CO		SAFETY PERSONNEL		EMPLOYEE		1	12.00		12.00			
CONOCOPHILLIPS CO		SAFETY PERSONNEL		EMPLOYEE		1	12.00		12.00			
CRUDE CONSULTING INC		SAFETY PERSONNEL		CONTRACTOR		1	12.00		12.00			
CRUDE CONSULTING INC		SAFETY PERSONNEL		CONTRACTOR		1	12.00		12.00			
PRECISION DRILLING		RIG CREW		CONTRACTOR		12	12.00		144.00			
MS ENERGY		DD/MWD		CONTRACTOR		2	12.00		24.00			
SELMAN & ASSOCIATES		MUD/CHEMICAL PERSONNEL		CONTRACTOR		2	12.00		24.00			
CONOCOPHILLIPS CO		SUPERINTENDENT		EMPLOYEE		1	6.00		6.00			
SELMAN & ASSOCIATES		SERVICE TECHNICIAN		CONTRACTOR		1	2.00		2.00			
Drilling Parameters												
Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)
8,080.0	8,163.0	2,276.00	3.25		25.5	450	30	70	2,550.0	10,700.0		
8,163.0	8,260.0	97.00	2.25		43.1	450	20	65	2,600.0	10,500.0		
Casing Strings												
Csg Des		OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)			
Conductor		16	54.0	14.0	8/24/2015		65.00					
Surface		8 5/8	1,382.7	14.0	9/1/2015		24.00	875.8	11.96			
Production1		5 1/2	8,785.7	14.0	9/11/2015	4.767	17.00					



178.Daily Partner Report

UNIVERSITY UA 005

Report Date: 9/8/2015

Report #: 11

Actual Days: 10.71

Well Info												
API / UWI 4200347198		Region / Division PERMIAN		District PERMIAN CONVENTIONAL		Field Name MARTIN		Original Spud Date 8/31/2015				
County ANDREWS		State/Province TEXAS		Original KB/RT Elevation (ft) 3,287.00		Ground Elevation (ft) 3,273.00						
Job Summary												
Job Category DRILLING		Last Casing String Surface, 1,382.7ftKB		AFE Dur Total (days) 11.05		Total AFE (Cost) 1,072,892.35		Cumulative Cost (Cost) 689,060.00				
Daily Ops Summary												
Rig (Names) PRECISION DRILLING CO PRECISION 194		Wellbore Original Hole		End Depth (ftKB) 8,398.0		Depth Progress (ft) 138.00		Daily Cost Total (Cost) 54,711.00				
Weather		Hole Condition		Drilling Hours (hr) 9.00		Avg ROP (ft/hr) 15.3		Cum TL Days from Spud (...) 8.88				
Ops and Depth @ Morning Report TIH @ 6,000'												
Last 24hr Summary DRLG PROD HOLE F/8,260' T/8,398'; DECISION MADE TO PULL BIT DUE TO LOW ROP; POOH FOR BIT TRIP; C/O BIT AND TIH SURVEY @ 8,215' 2.3 INC, 215.5AZI JSA-37, S-6, US-12, NM-0, HMW-3, FA-1, STJD-2 EST RIG MOVE TO VACUUM GLORIETA EAST UNIT 01-14H SATURDAY 9/12/15												
24hr Forecast CONT. TIH, DRLG 7-7/8 PROD HOLE, TD HOLE, CIRC AND CONDITION, POOH, LD/DS, RUN OPEN HOLE LOGS (QUAD COMBO)												
Time Log												
Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation			
06:00	06:45	0.75	PROD1	DRILL	DRLG	P	8,260.0	8,270.0	DRLG PROD HOLE F/8,260' T/8,270'			
06:45	07:15	0.50	PROD1	DRILL	DDRL	P	8,270.0	8,290.0	SLIDE F/8,270' T/8,290'			
07:15	15:00	7.75	PROD1	DRILL	DRLG	P	8,290.0	8,398.0	DRLG PROD HOLE F/8,290' T/8,398'. DECISION TO PULL BIT DUE TO LOW ROP.			
15:00	15:30	0.50	PROD1	DRILL	CIRC	P	8,398.0	8,398.0	CIRCULATE AND PUMP SWEEP TO COME OUT OF HOLE FOR BIT TRIP			
15:30	17:45	2.25	PROD1	DRILL	TRIP	P	8,398.0	8,398.0	PJSM; POOH			
17:45	18:00	0.25	PROD1	DRILL	SVRG	P	8,398.0	8,398.0	RIG SERVICE			
18:00	01:00	7.00	PROD1	DRILL	TRIP	P	8,398.0	8,398.0	CONT POOH T/BHA			
01:00	02:00	1.00	PROD1	DRILL	PULD	P	8,398.0	8,398.0	CHANGE OUT BIT AND TEST MWD			
02:00	06:00	4.00	PROD1	DRILL	TRIP	P	8,398.0	8,398.0	PJSM; TIH T/6,000'			
Head Count / Manhours												
Company		Function		Personnel Type		Count	Time (hr)		Tot Work Time (hr)			
CRUDE CONSULTING INC		ONSITE SUPERVISOR		CONTRACTOR		1	12.00		12.00			
PJ PETRO		ONSITE SUPERVISOR		CONTRACTOR		1	12.00		12.00			
CONOCOPHILLIPS CO		ONSITE SUPERVISOR		EMPLOYEE		1	12.00		12.00			
CONOCOPHILLIPS CO		ONSITE SUPERVISOR		EMPLOYEE		1	12.00		12.00			
CRUDE CONSULTING INC		SAFETY PERSONNEL		CONTRACTOR		1	12.00		12.00			
CRUDE CONSULTING INC		SAFETY PERSONNEL		CONTRACTOR		1	12.00		12.00			
PRECISION DRILLING		RIG CREW		CONTRACTOR		12	12.00		144.00			
MS ENERGY		DD/MWD		CONTRACTOR		2	12.00		24.00			
SELMAN & ASSOCIATES		MUD/CHEMICAL PERSONNEL		CONTRACTOR		2	12.00		24.00			
ARGUINDEGUI OIL CO		FUEL HAULER		CONTRACTOR		2	1.00		2.00			
DRILCO GROUP		VENDOR		CONTRACTOR		1	2.00		2.00			
INNOVATIVE		MECHANIC/ELECTRICIAN		CONTRACTOR		2	3.00		6.00			
PASON		SERVICE TECHNICIAN		CONTRACTOR		1	3.00		3.00			
ENJ		WELDER		CONTRACTOR		1	4.00		4.00			
Drilling Parameters												
Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)
8,260.0	8,398.0	235.00	9.00	0.00	15.3	450	20	65	2,600.0	10,500.0		
Casing Strings												
Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)				
Conductor	16	54.0	14.0	8/24/2015		65.00						
Surface	8 5/8	1,382.7	14.0	9/1/2015		24.00	875.8	11.96				
Production1	5 1/2	8,785.7	14.0	9/11/2015	4.767	17.00						



178.Daily Partner Report

UNIVERSITY UA 005

Report Date: 9/9/2015

Report #: 12

Actual Days: 11.71

Well Info												
API / UWI 4200347198		Region / Division PERMIAN		District PERMIAN CONVENTIONAL			Field Name MARTIN		Original Spud Date 8/31/2015			
County ANDREWS		State/Province TEXAS		Original KB/RT Elevation (ft) 3,287.00			Ground Elevation (ft) 3,273.00					
Job Summary												
Job Category DRILLING		Last Casing String Surface, 1,382.7ftKB			AFE Dur Total (days) 11.05		Total AFE (Cost) 1,072,892.35		Cumulative Cost (Cost) 719,758.00			
Daily Ops Summary												
Rig (Names) PRECISION DRILLING CO PRECISION 194		Wellbore Original Hole		End Depth (ftKB) 8,674.0		Depth Progress (ft) 276.00		Daily Cost Total (Cost) 30,698.00				
Weather		Hole Condition		Drilling Hours (hr) 21.50		Avg ROP (ft/hr) 12.8		Cum TL Days from Spud (...) 9.88				
Ops and Depth @ Morning Report DRLG PROD HOLE @ 8,674'												
Last 24hr Summary TIH, DRILL PROD HOLE F/8,398' T/8,674'												
SURVEY @ 8,215' 2.3 INC, 215.5AZI												
JSA-30, S-8, US-13, NM-0, HMW-0, FA-0, STJD-2												
EST RIG MOVE TO VACUUM GLORIETA EAST UNIT 01-14H SATURDAY 9/12/15												
24hr Forecast CONT. DRLG 7-7/8 PROD HOLE, TD HOLE, CIRC AND CONDITION, POOH, LD/DS, RUN OPEN HOLE LOGS (QUAD COMBO)												
Time Log												
Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation			
06:00	08:00	2.00	PROD1	DRILL	TRIP	P	8,398.0	8,398.0	PJSM, CONT. TIH T/ 8,398'			
08:00	17:45	9.75	PROD1	DRILL	DRLG	P	8,398.0	8,535.0	DRILL 7-7/8" PROD. HOLE F/ 8,398' - T/8,535'			
17:45	18:00	0.25	PROD1	DRILL	SVRG	P	8,535.0	8,535.0	RIG SERVICE			
18:00	05:45	11.75	PROD1	DRILL	DRLG	P	8,535.0	8,674.0	DRIL 7-7/8" PROD HOLE F/8,535' - T/8,674'			
05:45	06:00	0.25	PROD1	DRILL	SVRG	P	8,674.0	8,674.0	RIG SERVICE			
Head Count / Manhours												
Company		Function			Personnel Type		Count	Time (hr)	Tot Work Time (hr)			
MTS CONSULTING		ONSITE SUPERVISOR			CONTRACTOR		1	12.00	12.00			
SIERRA ENGINEERING		ONSITE SUPERVISOR			CONTRACTOR		1	12.00	12.00			
CONOCOPHILLIPS CO		ONSITE SUPERVISOR			EMPLOYEE		1	12.00	12.00			
CRUDE CONSULTING INC		SAFETY PERSONNEL			CONTRACTOR		1	12.00	12.00			
PRECISION DRILLING		RIG CREW			CONTRACTOR		12	12.00	144.00			
MS ENERGY		DD/MWD			CONTRACTOR		2	12.00	24.00			
SELMAN & ASSOCIATES		MUD/CHEMICAL PERSONNEL			CONTRACTOR		2	12.00	24.00			
CRUDE CONSULTING INC		SAFETY PERSONNEL			CONTRACTOR		1	12.00	12.00			
TAN MAR RENTALS		SERVICE TECHNICIAN			CONTRACTOR		2	1.00	2.00			
SECURITY DBS		VENDOR			CONTRACTOR		1	0.50	0.50			
D & B RENTAL SVCS		VENDOR			CONTRACTOR		1	0.50	0.50			
HALLIBURTON		SERVICE TECHNICIAN			CONTRACTOR		1	1.00	1.00			
INNOVATIVE		SERVICE TECHNICIAN			CONTRACTOR		2	0.50	1.00			
NOV DOWNHOLE		SERVICE TECHNICIAN			CONTRACTOR		1	0.50	0.50			
CONOCOPHILLIPS CO		SUPERINTENDENT			EMPLOYEE		1	1.50	1.50			
Drilling Parameters												
Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)
8,398.0	8,674.0	276.00	21.50		12.8	450	30	65	2,250.0	9,700.0		150.0
Casing Strings												
Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)				
Conductor	16	54.0	14.0	8/24/2015		65.00						
Surface	8 5/8	1,382.7	14.0	9/1/2015		24.00	875.8	11.96				
Production1	5 1/2	8,785.7	14.0	9/11/2015	4.767	17.00						



178.Daily Partner Report

UNIVERSITY UA 005

Report Date: 9/10/2015

Report #: 13

Actual Days: 12.71

Well Info												
API / UWI 4200347198		Region / Division PERMIAN		District PERMIAN CONVENTIONAL			Field Name MARTIN		Original Spud Date 8/31/2015			
County ANDREWS		State/Province TEXAS		Original KB/RT Elevation (ft) 3,287.00			Ground Elevation (ft) 3,273.00					
Job Summary												
Job Category DRILLING		Last Casing String Surface, 1,382.7ftKB			AFE Dur Total (days) 11.05		Total AFE (Cost) 1,072,892.35		Cumulative Cost (Cost) 833,886.00			
Daily Ops Summary												
Rig (Names) PRECISION DRILLING CO PRECISION 194		Wellbore Original Hole		End Depth (ftKB) 8,794.0		Depth Progress (ft) 120.00		Daily Cost Total (Cost) 114,128.00				
Weather		Hole Condition		Drilling Hours (hr) 6.25		Avg ROP (ft/hr) 19.2		Cum TL Days from Spud (...) 10.88				
Ops and Depth @ Morning Report OPEN HOLE LOGGING												
Last 24hr Summary DRLG 7-7/8 PROD HOLE T/ @ 8,794' (TD), CIRC AND CONDITION, POOH, LDDS, RUN OPEN HOLE LOGS (QUAD COMBO) JSA-38, S-7, US-11, NM-0, HMW-0, FA-0, STJD-2 EST RIG MOVE TO VACUUM GLORIETA EAST UNIT 01-14H SATURDAY 9/12/15												
24hr Forecast CONT. OPEN HOLE LOGGING, RUN 5-1/2" PRODUCTION CASING, CEMENT PRODUCTION CASING, SET PACK OFF, N/D BOP, RIG DOWN FOR RIG MOVE.												
Time Log												
Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation			
06:00	12:15	6.25	PROD1	DRILL	DRLG	P	8,674.0	8,794.0	DRILL 7-7/8" PROD HOLE F/ 8,674' - T/8,794 TD HOLE			
12:15	14:00	1.75	PROD1	EVALFM	CIRC	P	8,794.0	8,794.0	FINISH MUD UP, PUMP SWEEP AND CIRC. BOTTOMS UP.			
14:00	19:00	5.00	PROD1	EVALFM	TRIP	P	8,794.0	8,794.0	POOH F/8,794' T/3,492'			
19:00	20:45	1.75	PROD1	EVALFM	RGRP	T	8,794.0	8,794.0	CHANGE OUT FAN HUB AND BOLTS IN LIGHT PLANT			
20:45	21:15	0.50	PROD1	EVALFM	SVRG	P	8,794.0	8,794.0	RIG SERVICE			
21:15	00:15	3.00	PROD1	EVALFM	TRIP	P	8,794.0	8,794.0	POOH F/3,492', L/D BHA			
00:15	00:45	0.50	PROD1	EVALFM	OTHR	P	8,794.0	8,794.0	PULL WEAR BUSHING. CO MAN WITNESSED			
00:45	06:00	5.25	PROD1	EVALFM	ELOG	P	8,794.0	8,794.0	PJSM, R/U & RUN OPEN HOLE LOGS (QUAD COMBO)			
Head Count / Manhours												
Company		Function		Personnel Type		Count	Time (hr)		Tot Work Time (hr)			
MTS CONSULTING		ONSITE SUPERVISOR		CONTRACTOR		1	12.00		12.00			
SIERRA ENGINEERING		ONSITE SUPERVISOR		CONTRACTOR		1	12.00		12.00			
CONOCOPHILLIPS CO		ONSITE SUPERVISOR		EMPLOYEE		1	12.00		12.00			
CRUDE CONSULTING INC		SAFETY PERSONNEL		CONTRACTOR		1	12.00		12.00			
PRECISION DRILLING		RIG CREW		CONTRACTOR		12	12.00		144.00			
MS ENERGY		DD/MWD		CONTRACTOR		2	12.00		24.00			
SELMAN & ASSOCIATES		MUD/CHEMICAL PERSONNEL		CONTRACTOR		2	12.00		24.00			
HALLIBURTON		SERVICE TECHNICIAN		CONTRACTOR		1	0.50		0.50			
TFORCE		VENDOR		CONTRACTOR		1	0.50		0.50			
THOMAS PETROLEUM LTD		VENDOR		CONTRACTOR		1	0.50		0.50			
HUNTING ENERGY SERVICES		VENDOR		CONTRACTOR		1	0.50		0.50			
Q MAX		SERVICE TECHNICIAN		CONTRACTOR		1	0.50		0.50			
ARGUINDEGUI OIL CO		FUEL HAULER		CONTRACTOR		1	1.50		1.50			
Q MAX		MUD/CHEMICAL PERSONNEL		CONTRACTOR		1	1.00		1.00			
TUBULAR SOLUTUIONS		VENDOR		CONTRACTOR		2	0.50		1.00			
ROCKWATER ENERGY SERVICES		VENDOR		CONTRACTOR		1	0.50		0.50			
E L FARMER TRUCKING		TRUCKER		CONTRACTOR		1	1.00		1.00			
WEATHERFORD		WIRELINE CREW		CONTRACTOR		3	6.00		18.00			
Drilling Parameters												
Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)
8,674.0	8,794.0	396.00	6.25		19.2	450	30	60	2,400.0	9,700.0		210.0
Casing Strings												
Csg Des		OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date		Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)		
Conductor		16	54.0	14.0	8/24/2015			65.00		11.96		
Surface		8 5/8	1,382.7	14.0	9/1/2015			24.00	875.8			
Production1		5 1/2	8,785.7	14.0	9/11/2015		4.767	17.00				



178.Daily Partner Report
UNIVERSITY UA 005

Report Date: 9/11/2015
Report #: 14
Actual Days: 13.71

Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
SECURITY DBS	VENDOR	CONTRACTOR	1	0.50	0.50
ULTERRA	VENDOR	CONTRACTOR	1	0.50	0.50
CONOCOPHILLIPS CO	SUPERINTENDENT	EMPLOYEE	1	1.50	1.50
Q MAX	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1	1.00	1.00
HALLIBURTON	SERVICE TECHNICIAN	CONTRACTOR	1	1.00	1.00
GATOR OILFIELD SERVICES	TUBULAR INSPECTIONS/SERVICE	CONTRACTOR	1	2.50	2.50
TRUE SHOT	SERVICE TECHNICIAN	CONTRACTOR	1	0.50	0.50
WEATHERFORD	WIRELINE CREW	CONTRACTOR	3	10.00	30.00
WEATHERFORD-GEMOCO	SERVICE TECHNICIAN	CONTRACTOR	1	12.00	12.00
GE OIL AND GAS	WELLHEAD HAND	CONTRACTOR	1	6.00	6.00
BAKER HUGHES	CMT CREW	CONTRACTOR	5	5.00	25.00

Drilling Parameters

Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	16	54.0	14.0	8/24/2015		65.00		
Surface	8 5/8	1,382.7	14.0	9/1/2015		24.00	875.8	11.96
Production1	5 1/2	8,785.7	14.0	9/11/2015	4.767	17.00		



178.Daily Partner Report

UNIVERSITY UA 005

Report Date: 9/11/2015

Report #: 14

Actual Days: 13.71

Well Info									
API / UWI	Region / Division	District	Field Name	Original Spud Date					
4200347198	PERMIAN	PERMIAN CONVENTIONAL	MARTIN	8/31/2015					
County	State/Province	Original KB/RT Elevation (ft)	Ground Elevation (ft)						
ANDREWS	TEXAS	3,287.00	3,273.00						
Job Summary									
Job Category	Last Casing String	AFE Dur Total (days)	Total AFE (Cost)	Cumulative Cost (Cost)					
DRILLING	Production1, 8,785.7ftKB	11.05	1,072,892.35	1,015,758.00					
Daily Ops Summary									
Rig (Names)	Wellbore	End Depth (ftKB)	Depth Progress (ft)	Daily Cost Total (Cost)					
PRECISION DRILLING CO PRECISION 194	Original Hole	8,794.0	0.00	181,872.00					
Weather	Hole Condition	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum TL Days from Spud (...)					
				11.88					
Ops and Depth @ Morning Report									
CEMENTING PROD CSG									
Last 24hr Summary									
OPEN HOLE LOGGING, RUN 5-1/2" PRODUCTION CASING, CEMENT PRODUCTION CASING									
JSA-30, S-6, US-10, NM-0, HMW-0, FA-0, STJD-2									
EST RIG MOVE TO VACUUM GLORIETA EAST UNIT 01-14H SATURDAY 9/12/15 (85 MILES)									
24hr Forecast									
CONT. CEMENTING, R/D CEMENTERS, N/D BOP, N/U TUBING HEAD, RIG DOWN AND MOVE RIG TO VACUUM GLORIETA EAST UNIT 01-14H.									
Time Log									
Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
06:00	15:00	9.00	PROD1	EVALFM	ELOG	P	8,794.0	8,794.0	CONT. RUN OPEN HOLE LOGS (QUAD COMBO), R/D SAME
15:00	16:15	1.25	PROD1	CASING	OTHR	P	8,794.0	8,794.0	LOAD CASING ON RACKS & READY RIG FLOOR TO RUN 5-1/2" 17# L-80 LT&C PROD CSG
16:15	01:15	9.00	PROD1	CASING	RNCS	P	8,794.0	8,794.0	RUN 205 JTS. OF 5-1/2" 17#, L-80, LT&C CSG, 2 MARKER JOINTS & AN ACP. RUN SUMMARY: 1 - LANDING JOINT 1 - LANDING MANDREL 1 - PUP JT. 31 - JTS. OF 5-1/2" 17#, L-80, LT&C CSG. 1- 10' ACP @ 1,319.9 (TOP). - (PIN SETTINGS 2,700 PSI INFLATE 1,150 PSI TO CLOSE). 51 - JTS. OF 5-1/2" 17#, L-80, LT&C CSG. 1 - MARKER JOINT @ 3,493.8' (TOP) 35 - JTS. OF 5-1/2" 17#, L-80, LT&C CSG. 1 - MARKER JOINT @ 5,025.1' (TOP) 87 - JTS. OF 5 1/2" 17#, L-80, LT&C CSG. 1 - FLOAT COLLAR @ 8,743.7' (TOP) 1 - JT. OF 5-1/2" 17#, L-80, LT&C CSG. 1 - GUIDE SHOE SET @ 8,785.7' 70 CENTS.
01:15	01:45	0.50	PROD1	CEMENT	CIRC	P	8,794.0	8,794.0	CIRC. BTMS UP. & HOLE CLEAN.
01:45	04:00	2.25	PROD1	CEMENT	RURD	P	8,794.0	8,794.0	R/U CEMENTERS
04:00	06:00	2.00	PROD1	CEMENT	CMNT	P	8,794.0	8,794.0	PJSM W/ CEMENTERS TEST LINES T/ 5,000 PSI PUMP AS FOLLOWS: 30 BBLS ULTRAFLUSH @ 10.5 PPG SPACER 534 SXS (332 BBLS) OF 60:40 POZ: 'C' LEAD CEMENT MIXED @ 11.5 PPG W/ 3.49 YIELD & 14.67 MIX H2O. 833 SXS (221 BBLS) OF 50:50 POZ: 'C' TAIL CEMENT MIXED @ 13.2 PPG W/ 1.49 YIELD & 7.62 MIX H2O.
Head Count / Manhours									
Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)				
MTS CONSULTING	ONSITE SUPERVISOR	CONTRACTOR	1	12.00	12.00				
SIERRA ENGINEERING	ONSITE SUPERVISOR	CONTRACTOR	1	12.00	12.00				
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	EMPLOYEE	1	12.00	12.00				
CRUDE CONSULTING INC	SAFETY PERSONNEL	CONTRACTOR	1	12.00	12.00				
PRECISION DRILLING	RIG CREW	CONTRACTOR	12	12.00	144.00				
ROCKWATER ENERGY SERVICES	SERVICE TECHNICIAN	CONTRACTOR	1	1.00	1.00				
RDL TRANSPORTATION	VENDOR	CONTRACTOR	1	0.50	0.50				



178.Daily Partner Report

UNIVERSITY UA 005

Report Date: 9/12/2015

Report #: 15

Actual Days: 14.04

Well Info												
API / UWI		Region / Division		District		Field Name		Original Spud Date				
4200347198		PERMIAN		PERMIAN CONVENTIONAL		MARTIN		8/31/2015				
County		State/Province		Original KB/RT Elevation (ft)				Ground Elevation (ft)				
ANDREWS		TEXAS		3,287.00				3,273.00				
Job Summary												
Job Category		Last Casing String		AFE Dur Total (days)		Total AFE (Cost)		Cumulative Cost (Cost)				
DRILLING		Production1, 8,785.7ftKB		11.05		1,072,892.35		1,112,405.00				
Daily Ops Summary												
Rig (Names)		Wellbore		End Depth (ftKB)		Depth Progress (ft)		Daily Cost Total (Cost)				
PRECISION DRILLING CO PRECISION 194		Original Hole		8,794.0		0.00		96,647.00				
Weather		Hole Condition		Drilling Hours (hr)		Avg ROP (ft/hr)		Cum TL Days from Spud (...)				
								12.21				
Ops and Depth @ Morning Report												
R/D AND MOVING TO VGEU 01-14H												
Last 24hr Summary												
FINISH CEMENT JOB, INSTALL PACK-OFF & TEST, N/D BOP, N/U TUBING HEAD & TEST SAME, CLEAN MUD TANKS. RIG RELEASE 14:00 ON 9-12-15												
FINAL REPORT												
24hr Forecast												
R/D AND MOVE TO VACUUM GLORIETA EAST UNIT 01-14H												
Time Log												
Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation			
06:00	09:00	3.00	PROD1	CEMENT	CMNT	P	8,794.0	8,794.0	FINISH PUMPING CEMENT. DISP W/ 203 BBLS FRESH WATER W/BACTRON K-31. CALCULATED DISP. WAS 203.4 BBLS (AFTER PUMPING 155 BBLS OF DISPLACEMENT LOST RETURNS, SLOWED PUMPS TO 3 BPM AND FINALLY TO 2 BPM STILL NO RETURNS , 35 BBLS OF CEMENT TO SURFACE. BUMP PLUG @ 1,790 PSI, PRESSURE UP TO 2,290 PSI. CHECK FLOATS, FLOATS HELD, 1.75 BBLS BACK TO TRUCK PRESSURE UP ACP TO 3,325 PSI, PACKER INFLATED PRESSURE DROPPED TO 3,100 PSI, PRESS UP TO 4,220 PSI AND HELP FOR 5 MINS, RELEASE PRESSURE, RECIEVED BACK 0.25 BBLS BACK TO PUMP TRUCK. CIRC 35 BBLS (56 SXS) TO SURFACE R/D CMT EQUIPMENT			
09:00	11:30	2.50	PROD1	CEMENT	NUND	P	8,794.0	8,794.0	L/D LANDING JT, INSTALL PACKOFF & TEST, TEST GOOD, N/D BOP, N/U TUBING HEAD & TEST T/ 5,000 PSI (TEST GOOD)			
11:30	14:00	2.50	PROD1	CEMENT	OTHR	P	8,794.0	8,794.0	FULLY CLEAN MUD TANKS RELEASE RIG @ 14:00 HRS 9/12/2015.			
Head Count / Manhours												
Company		Function		Personnel Type		Count		Time (hr)		Tot Work Time (hr)		
MTS CONSULTING		ONSITE SUPERVISOR		CONTRACTOR		1		12.00		12.00		
SIERRA ENGINEERING		ONSITE SUPERVISOR		CONTRACTOR		1		12.00		12.00		
CONOCOPHILLIPS CO		ONSITE SUPERVISOR		EMPLOYEE		1		12.00		12.00		
CRUDE CONSULTING INC		SAFETY PERSONNEL		CONTRACTOR		1		12.00		12.00		
PRECISION DRILLING		RIG CREW		CONTRACTOR		12		12.00		144.00		
GE OIL AND GAS		WELLHEAD HAND		CONTRACTOR		1		8.00		8.00		
BAKER HUGHES		CMT CREW		CONTRACTOR		5		6.00		30.00		
C & C TRANSPORT		TRUCKER		CONTRACTOR		2		10.00		20.00		
Drilling Parameters												
Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)
Casing Strings												
Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)				
Conductor	16	54.0	14.0	8/24/2015		65.00						
Surface	8 5/8	1,382.7	14.0	9/1/2015		24.00	875.8	11.96				
Production1	5 1/2	8,785.7	14.0	9/11/2015	4.767	17.00						