ENDURING RESOURCES, LLC. DAILY DRILLING REPORT

University 48 #0702UH

REPORT NO.	LEASE AND WELL NO.	COUNTY/PARISH/OCSG NO.	STATE	DATE
3	University 48 #0702UH	Reagan	TX	8/17/14

RIG	AFE NO.	AFE AMOUNT	DAILY COST	CDC	CCC	CWC
Integrity #2						

DPTH: MD	TVD	PROGRESS / HRS.	PROPOSED TOTAL DEPTH	LAST SHOE TEST	DAYS SINCE SPUD	AFE DAYS	FOREMAN
986	986		975'		2		

PRESENT OPERATION AT 0600 HRS. **Rigging up on new pad** LAST SURVEY @

TIME LOG FROM	TO	ELAPSED TIME	OPERATIONS DESCRIPTION
0600	0730	1.5	Pump cement with Universal
			Lead Cement: 455sks Premium Plus 65/35/6 w/ 1% CaCl2, 0.5% CFL-4, 1/4# Celloflake
			Tail Cement: 365sks Premium Plus w/ 0.5%CFL-4, 1/4# Celloflake
			Displaced with 145bbl fresh water bumped plug float held Circulated 105bbls to Surface
			Rig Released @ 0730
0730	1000	2.5	Rig Down
TOTAL		4.00	

RIG PHONES

VOICE LINE

FAX LINE

WELL CONTROL		MIN		SEC
BOP DRILL		MIN		SEC

Summary:

Pump Cement with Universal. Bumped plug floats held. Circulated 105bbl cement to surface.

Release rig at 0730.

Accidents ☐ YES ☑ NO Pollution: ☑ NO ☐ YES Plan Next 24 Hrs:

Report Attach. ☐ YES ☑ NO Report Attach. ☑ NO ☐ YES

☐ WBM ☑ OBM ☐ BRINE

TIME		
DEPTH		
TEMP		
WEIGHT		
VISC		
PV		
YP		
GELS		
API WL		
HTHP		
CAKE		
SOLIDS		
Corr Solids		
OIL %		
WTR %		
Sand%		
POM		
OWR		
ES		
Pm		
PF/MF		
Cl_{MUD}		
Cl_{WTR}		
Ca		
EXCESS LIME		
% LGS		
6/3 RPM		
ECD		

CASING RECORD

SIZE	GRADE	WT	CONN	DEPTH	DV

DRILL PIPE

O.D	I.D.	GRD	CONN	WT	FEET

BHA

DISCRIPTION	OD	ID	FEET

TOTAL LENGTH (FT)	0.00
TOTAL WEIGHT (LBS)	

PERFS AND PACKERS

TOTAL DRILLED GAS

DEPTH	BGG	CG	MG	TG

BIT RECORD

BIT #		
SIZE		
MFG.		
TYPE		
SERIAL NO.		
NOZZLES		
TFA		
DEPTH OUT		
DEPTH IN		
TOTAL FT.		
HOURS		
AVG. ROP		
WOB		
MTR. RPM		
ROT. RPM		
AV DP		
AV DP		
AV DC		
TOTAL CUM HRS		
CUM HRS. BHA		
GRADE I/O/G		

HYDRAULICS

DEPTH	FT.
NOZ. AREA	IN^2
Pb	PSI
HHP BIT	HP
HSI	HP/IN^2
JET VEL	FT/SEC
IMP FORCE	LBS.
% Pb	%

BOATS

M/V	N/A	@
M/V	N/A	@
M/V	N/A	@

PUMP DATA

PUMP NO.			
MAKE			
MODEL			
STROKE			
LINER SIZE			
SPM			
GPM	0	0	
SURF. PRESS		TOTAL GPM	0

SLOW PUMP DATA

SPM			
PSI	PUMP #1		
PSI	PUMP #2		
BPM			

DRILL STRING CAPACITY

BARRELS	
STROKES	

DEPTH	TORQUE FT #	PU WT.	ROT. WT.	S/O

JAR HOURS			
MUD MOTOR HRS.			

STORAGE

FUEL	GALS
BARITE BULK	TONS
POT. WATER	BBLS
GEL	SKS
BARITE	SKS
FUEL USED	GALS
Fuel Delivered	GALS

WEATHER

WIND	MPH
SEAS	TEMP #
PRES. COND	
FORECAST:	

Additions			
MUD ENG		Opti-G	
Newcarb F		OBM	
Bentone 990		Opti-wet	
Diesel		CaCalPow	
Lime		Opti- clean	
Bulk Barite		Oil dry	

Mud Cost	Daily	Cum.
MUD		
DIESEL		
TOTAL		

SOLIDS EQUIPMENT

SHAKER #1		DERRICK #2	
SHAKER #2	MESH	BRDT	HRS
SHAKER #3	MESH	DRKS	HRS
MUD CLEANE	MESH	CENT	HRS

BOP TESTED:

NEXT TEST DUE:

FUNC. DUE:

PERSONNEL ON BOARD

Enduring	
RIG	
SERVICE	
TOTAL	0

ENDURING RESOURCES, LLC. DAILY DRILLING REPORT

University 48 #0702UH

REPORT NO.	LEASE AND WELL NO.	COUNTY/PARISH/OCSG NO.	STATE	DATE
2	University 48 #0702UH	Reagan	TX	8/16/14

RIG	AFE NO.	AFE AMOUNT	DAILY COST	CDC	CCC	CWC
Integrity #2						

DPTH: MD	TVD	PROGRESS / HRS.		PROPOSED TOTAL DEPTH	LAST SHOE TEST	DAYS SINCE SPUD	AFE DAYS	FOREMAN
986	986	799	24	975'		1		

PRESENT OPERATION AT 0600 HRS. **Pumping cement** LAST SURVEY @ **500' =0.5°**

TIME LOG FROM	TO	ELAPSED TIME	OPERATIONS DESCRIPTION
0600	0930	3.5	Rotate from 187' to 517'
0930	1000	0.5	Deviation Survey @ 500'=0.5°
1000	1030	0.5	Rotate from 517' to 667'
1030	1730	7.0	Blew Kelly hose, Wait on new Kelly hose Replace same
1730	2030	3.0	Rotate from 667' to 985' TD
2030	2130	1.0	Circulate and condition hole
2130	0000	2.5	TOOH
0000	0130	1.5	Rig up to run casing
0130	0330	2.0	Run 23 jts of 13 3/8" J55 54.5# casing to 941'
0330	0430	1.0	Wash down jt #24 from 941' to 983'
0430	0530	1.0	Rig up to pump cement
0530	0600	0.5	Pump Cement
TOTAL		24.00	

RIG PHONES

VOICE LINE

FAX LINE

WELL CONTROL		MIN		SEC
BOP DRILL		MIN		SEC

Summary:

Drill from 187' to 985' TD. 7 hours downtime waiting on new kelly hose to replace ruptured kelly hose. Circulate and TOOH. Run 24 jts J55 54.5# 13 3/8" casing set at 983'. Pumping Cement at report time. Cement report to follow

Accidents ☐ YES ☑ NO Pollution: ☑ NO ☐ YES Plan Next 24 Hrs: Finish cement rig move

Report Attach. ☐ YES ☑ NO Report Attach. ☑ NO ☐ YES

☐ WBM ☑ OBM ☐ BRINE

TIME		
DEPTH		
TEMP		
WEIGHT		
VISC		
PV		
YP		
GELS		
API WL		
HTHP		
CAKE		
SOLIDS		
Corr Solids		
OIL %		
WTR %		
Sand%		
POM		
OWR		
ES		
Pm		
PF/MF		
Cl_{MUD}		
Cl_{WTR}		
Ca		
EXCESS LIME		
% LGS		
6/3 RPM		
ECD		

Additions			
MUD ENG		Opti-G	
Newcarb F		OBM	
Bentone 990		Opti-wet	
Diesel		CaCalPow	
Lime		Opti- clean	
Bulk Barite		Oil dry	

Mud Cost	Daily	Cum.
MUD		
DIESEL		
TOTAL		

CASING RECORD

SIZE	GRADE	WT	CONN	DEPTH	DV

DRILL PIPE

	O.D	I.D.	GRD	CONN	WT	FEET

BHA

DISCRIPTION	OD	ID	FEET

TOTAL LENGTH (FT)	0.00
TOTAL WEIGHT (LBS)	

SOLIDS EQUIPMENT

SHAKER #1		DERRICK #2	
SHAKER #2	MESH	BRDT	HRS
SHAKER #3	MESH	DRKS	HRS
MUD CLEANE	MESH	CENT	HRS

BOP TESTED:

NEXT TEST DUE:

FUNC. DUE:

PERSONNEL ON BOARD	
Enduring	
RIG	
SERVICE	
TOTAL	0

PERFS AND PACKERS

TOTAL DRILLED GAS

DEPTH	BGG	CG	MG	TG

BIT RECORD

BIT #		
SIZE		
MFG.		
TYPE		
SERIAL NO.		
NOZZLES		
TFA		
DEPTH OUT		
DEPTH IN		
TOTAL FT.		
HOURS		
AVG. ROP		
WOB		
MTR. RPM		
ROT. RPM		
AV DP		
AV DP		
AV DC		
TOTAL CUM HRS		
CUM HRS. BHA		
GRADE I/O/G		

HYDRAULICS

DEPTH	FT.	
NOZ. AREA	IN^2	
Pb	PSI	
HHP BIT	HP	
HSI	HP/IN^2	
JET VEL	FT/SEC	
IMP FORCE	LBS.	
% Pb	%	

BOATS

M/V	N/A	@
M/V	N/A	@
M/V	N/A	@

PUMP DATA

PUMP NO.			
MAKE			
MODEL			
STROKE			
LINER SIZE			
SPM			
GPM	0	0	
SURF. PRESS		TOTAL GPM	0

SLOW PUMP DATA

SPM			
PSI	PUMP #1		
PSI	PUMP #2		
BPM			

DRILL STRING CAPACITY

BARRELS	
STROKES	

DEPTH	TORQUE FT #	PU WT.	ROT. WT.	S/O

JAR HOURS		
MUD MOTOR HRS.		

STORAGE

FUEL	GALS
BARITE BULK	TONS
POT. WATER	BBLS
GEL	SKS
BARITE	SKS
FUEL USED	GALS
Fuel Delivered	GALS

WEATHER

WIND	MPH
SEAS	TEMP #
PRES. COND	
FORECAST:	

ENDURING RESOURCES, LLC. DAILY DRILLING REPORT

University 48 #0702UH

REPORT NO.	LEASE AND WELL NO.	COUNTY/PARISH/OCSG NO.	STATE	DATE
1	University 48 #0702UH	Reagan	TX	8/15/14

RIG	AFE NO.	AFE AMOUNT	DAILY COST	CDC	CCC	CWC
Integrity #2						

DPTH: MD	TVD	PROGRESS / HRS.		PROPOSED TOTAL DEPTH	LAST SHOE TEST	DAYS SINCE SPUD	AFE DAYS	FOREMAN
187	187	187	2	975'				

PRESENT OPERATION AT 0600 HRS. **Drilling Ahead** LAST SURVEY @

TIME LOG FROM	TO	ELAPSED TIME	OPERATIONS DESCRIPTION
1000	1500	5.0	Move Rig
1500	2000	5.0	Rig up
2000	2300	3.0	Wait on 10' of flowline
2300	0100	2.0	Build 10' flowline section
0100	0400	3.0	Repair Hydraulic leak
0400	0430	0.5	Spud rotate from 80' to 127'
0430	0500	0.5	Change out Rotating head rubber
0500	0600	1.0	Rotate from 127' to 187'
TOTAL		20.00	

RIG PHONES

VOICE LINE

FAX LINE

WELL CONTROL		MIN		SEC
BOP DRILL		MIN		SEC

Summary:

Move Rig onto location. Rig Up. Build new flowline section. Repair Hydraulic Leak. Spud well @ 0400 Drill from 80' to 187'. Drilling ahead at report time.

Accidents ☐ YES ☑ NO Pollution: ☑ NO ☐ YES Plan Next 24 Hrs: TD run casing cement move

Report Attach. ☐ YES ☑ NO Report Attach. ☑ NO ☐ YES

☐ WBM ☑ OBM ☐ BRINE

TIME		
DEPTH		
TEMP		
WEIGHT		
VISC		
PV		
YP		
GELS		
API WL		
HTHP		
CAKE		
SOLIDS		
Corr Solids		
OIL %		
WTR %		
Sand%		
POM		
OWR		
ES		
Pm		
PF/MF		
Cl_{MUD}		
Cl_{WTR}		
Ca		
EXCESS LIME		
% LGS		
6/3 RPM		
ECD		

CASING RECORD

SIZE	GRADE	WT	CONN	DEPTH	DV

DRILL PIPE

O.D	I.D.	GRD	CONN	WT	FEET

BHA

DISCRIPTION	OD	ID	FEET

TOTAL LENGTH (FT)	0.00
TOTAL WEIGHT (LBS)	

PERFS AND PACKERS

TOTAL DRILLED GAS

DEPTH	BGG	CG	MG	TG

BIT RECORD

BIT #		
SIZE		
MFG.		
TYPE		
SERIAL NO.		
NOZZLES		
TFA		
DEPTH OUT		
DEPTH IN		
TOTAL FT.		
HOURS		
AVG. ROP		
WOB		
MTR. RPM		
ROT. RPM		
AV DP		
AV DP		
AV DC		
TOTAL CUM HRS		
CUM HRS. BHA		
GRADE I/O/G		

HYDRAULICS

DEPTH	FT.	
NOZ. AREA	IN^2	
Pb	PSI	
HHP BIT	HP	
HSI	HP/IN^2	
JET VEL	FT/SEC	
IMP FORCE	LBS.	
% Pb	%	

PUMP DATA

PUMP NO.			
MAKE			
MODEL			
STROKE			
LINER SIZE			
SPM			
GPM	0		0
SURF. PRESS		TOTAL GPM	0

SLOW PUMP DATA

SPM			
PSI PUMP #1			
PSI PUMP #2			
BPM			

DRILL STRING CAPACITY

BARRELS	
STROKES	

DEPTH	TORQUE FT #	PU WT.	ROT. WT.	S/O

JAR HOURS	
MUD MOTOR HRS.	

STORAGE

FUEL	GALS
BARITE BULK	TONS
POT. WATER	BBLS
GEL	SKS
BARITE	SKS
FUEL USED	GALS
Fuel Delivered	GALS

WEATHER

WIND	MPH
SEAS	TEMP #
PRES. COND	
FORECAST:	

Additions			
MUD ENG		Opti-G	
Newcarb F		OBM	
Bentone 990		Opti-wet	
Diesel		CaCalPow	
Lime		Opti- clean	
Bulk Barite		Oil dry	

Mud Cost	Daily	Cum.
MUD		
DIESEL		
TOTAL		

SOLIDS EQUIPMENT

SHAKER #1		DERRICK #2	
SHAKER #2	MESH	BRDT	HRS
SHAKER #3	MESH	DRKS	HRS
MUD CLEANE	MESH	CENT	HRS

BOP TESTED:

NEXT TEST DUE:

FUNC. DUE:

PERSONNEL ON BOARD

Enduring	
RIG	
SERVICE	
TOTAL	0

BOATS

M/V	N/A	@
M/V	N/A	@
M/V	N/A	@