

MYCO Industries, Inc.
Daily Drilling Report

University 6-27 #1
660' FWL & 1980' FSL
Block 6, Sec. 27
Nabors Drilling Company
Landman: Hannah Palomin
Andrews County, Texas

Geol: Jim Schlueter

API Number: 42-003-40738
Proposed Total Depth: 10,400'
Formation: Wolfberry
Rig # 347 KB Elevation: 18'
Eng: Nelson Muncy
Elevations: 2946' GR, 2964' KB

1-29-2009

Location and road completed. Rat hole, mouse hole and conductor pipe complete. Nabors Rig #347 prepare to start moving on location. Rig released at 0000 hrs 1/28/2009 on the Univ. 6-31 #2. Start moving racks & pipe. 20" conductor set at 40' and cemented to surface w/ ready mix.

1-30-2009 Day #0

Operation Rig down, prep to move rig.
Depth: 40'
Progress: 00.00' in 0.00 Hrs
ROP: 0.00'/hr
Lithology:
Cum rot hrs: 0.00 Hrs.

Bit #1:

Mud:

Pumps: #1: 6." x 10" x 000 SPM HHF-1000 GPM--000, PP--0000
#2: 6." x 10" x 000 SPM HHF-1000 GPM--000, PP--0000 GPM Total--000

BHA #1:

Length: 000.00 BHA #1 Hrs: 00.00 Total DC Hrs Since Insp--000.00

String WT: Rot. Off Bottom: 000K, PU--000K, Slack Off--000K

Deviation:

OPERATIONS:

HOURS

0600--0700	Rig down. Rig released from University 6-31 #2 at 0030 hrs, 1/29/2009.	01.00
0700--0600	Lay down Kelly, prepare to bridle blocks, rig down pits, pumps, all lines. Britt Trucking on location at 0700 hrs 1/29/2009 to move Nabors #347 & RU. Move in Nabors 347 from University 6-31#2. Set steel pits, water tanks and mud pumps. Center the substructure over hole. Move in rig quarters and tool pusher house. Set in trailer houses, generator houses. Move in all rig equipment. Pin derrick, Set on floor, inspect crown sheaves and raising line. Set drawworks on ground and disassemble brake linkage for repair.	23.00

Total Hrs.

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24.00

COMMENTS:

Rig Released at 0030 hrs, 1-29-2009. Prepare to bridle blocks and lower derrick in the am. Britt Trucks on location to move Nabors #347 to University 6-27 #1 at 0700 hrs 1/29/2009. Moved in and rigged up all equipment. Take in brake linkage for repair. Rig up ground, pits, lines and prep to mix spud mud. Will raise derrick when brake linkage is put back in draw works.

1-31-2009**Day #0**

Operation: Preparing to spud 17 1/2" hole
 Depth: 40'
 Progress: 00.00' in 0.00 Hrs
 ROP: 0.00'/hr
 Lithology:
 Cum rot hrs: 0.00 Hrs.

Bit #1: 17 1/2" HTC, C1, Ser # 6053133, 3-16's, In @ 40', Out @ 000'
 Make 000' in 0.00 Hrs. 00.00/hr. WOB--00K, RPM--00,
 Mud: Wt.--8.4, Vis--30, PH--9.0, Chlorides--1200

Pumps: #1: 6." x 10" x 000 SPM HHF-1000 GPM--000, PP--0000
 #2: 6." x 10" x 000 SPM HHF-1000 GPM--000, PP--0000 GPM Total--000

BHA #1: Bit, BS, SS, 2-8" DC, IBS, 4-8" DC, XO, 4-6 1/2" DC
 Length: 293.33 BHA #1 Hrs: 0.00 Total DC Hrs Since Insp--0.00
 Length: 000.00 BHA #1 Hrs: 00.00 Total DC Hrs Since Insp--000.00

String WT: Rot. Off Bottom: 000K, PU--000K, Slack Off--000K

Deviation:

OPERATIONS:		HOURS
0600--1800	Bridges mechanic replacing brake equalizer bar and all related linkage Weld donut and crown-omatic braces to arm shaft. Inspect all linkage for proper operation. Test brakes and raise derrick. Finish RU floor, suite case lines and plumb in pumps. Fill rig tanks with fresh water	12.00
1800--0600	Put on floor, tongs, pipe spinner and stand pipe manifold. Fill up steel pits and check for leaks. Cut and re weld 12" from shaker manifold to flowline, for proper angle. Re fabricate 4" high pressure line to vibrator hose. Weld on 20" conductor and hook up to flowline. RU cellar jet and install turnbuckles. PU swivel, pipe spinner & Kelly. Torque up, MU & torque TIW valve & saver Sub. Start picking up 17 1/2" bit and BHA to spud.	12.00
Total Hrs.		24.00

COMMENTS:

Prepare to spud 17 1/2" hole. TRRC notified of spud, casing and cement job by telephone to Crystal, Operator #7 and designated as Job #913 @ 2230 hrs 1-30-2009

2-1-2009**Day #1**

Operation: Cementing 13 3/8" Csg.
 Depth: 350'
 Progress: 310.00' in 5.50 Hrs
 ROP: 56.40'/hr
 Lithology: Red bed
 Cum rot hrs: 5.50 Hrs.

Bit #1: 17 1/2" HTC, C1, Ser # 6053133, 3-16's, In @ 40', Out @ 350'

Make 310' in 5.50 Hrs. 56.40/hr. WOB--25K, RPM--80,(I1, O1, N, All, E, I", None, TD)
Mud: Wt.--8.4, Vis--30, PH--9.0, Chlorides--1200
Pumps: #1: 6." x 10" x 85 SPM HHF-1000 GPM--296, PP--1200
#2: 6." x 10" x 85 SPM HHF-1000 GPM--296, PP--1200 GPM Total--593
BHA #1: Bit, BS, SS, 2-8" DC, IBS, 4-8" DC, XO, 4-6 1/2" DC
Length: 293.33 BHA #1 Hrs: 5.50 Total DC Hrs Since Insp--5.50
String WT: Rot. Off Bottom: 60K, PU--65K, Slack Off--65K
Deviation: 1 degree @ 350'

OPERATIONS:		HOURS
0600--0930	PU 17 1/2" bit, SS and BHA and torque up same. Test mud lines to 2500 psi.	03.50
0930--1000	Pre spud safety meeting and rig inspection	00.50
1000--1530	Drill 17 1/2" hole f/ 40'--350' no drag on connections	05.00
1530--1700	Pump sweep, set kelly back, drop TOTCO and TOH for Csg.	01.50
1700--1830	RU Bull Rodgers casing crew and have safety meeting	01.50
1830--2100	PU shoe joint and run 2-joints 13 3/8" 48# J55 STC Csg. Hit tight spot @ 105'. Work pipe and swage up, casing would not go.	02.50
2100--2200	LD 2-joints of casing and shoe joint out v-door	01.00
2200--2300	PU MU bit, BS, 2-stands of 8" DC's, 1 stand 6" DC's and PU kelly	01.00
2300--0000	Ream and wash f/ 80'--160', hole freed up. Ledge from 80--160'.	01.00
0000--0030	Set kelly back and TIH with the rest of 8" DC's	00.50
0030--0130	PU kelly, ream and wash f/ 290'--350'	01.00
0130--0230	Circulate and condition hole, build volume and pump sweep	01.00
0230--0330	Set kelly back, TOH (No drag), LD bit & BS out v-door	01.00
0330--0600	PU shoe joint and run 8 joints 13 3/8" 48# J55 STC Csg. Work every joint in the hole to 350'. RU BJ, circ & prep to cmt.	02.50
Total Hrs.		24.00

COMMENTS:

RECEIVED from Myco Andrews Yard:

9-Joints 13 3/8" 48# H40 STC Csg. 344.29' T/on 350.78' T/off.
Ledge from 80'--160' broke off and slid across hole. Redrill 80--160' to get 13 3/8" csg in the hole.
Work every 13 3/8" csg collar through spot @ 105'--140' while running csg. No accidents No spills.

2-2-2009 Day #2

Operation: Drilling shoe joint with 11"PDC bit & MMTR (.16RPG)
Depth: 350'
Progress: 0.00' in 0.00 Hrs
ROP: 0.00'/hr
Lithology: Red bed
Cum rot hrs: 5.50 Hrs.

Bit #2: 11" HTC, DP505ZX, Ser # 7014666 7-16's, In @ 350'
Make 0' in 0 Hrs. 0/hr. WOB--25K, RPM--80

Mud: Wt.--9.4, Vis--33, PH--7.0, Chlorides--6800

Pumps: #1: 6." x 10" x 75 SPM HHF-1000 GPM--261, PP--950
#2: 6." x 10" x 75 SPM HHF-1000 GPM--261, PP--950 GPM Total--523

BHA #2: Bit, MMTR, IBS, 1-8" DC, IBS, 5-8" DC, RT, XO, 6-6 1/2" DC, Jars, 3-6 1/2" DC
RT, 12 Jts 4.5" HWDP (MMTR S/N 92956), (Jar S/N DJ650142)

Length: 293.33 BHA #1 Hrs: 5.50 Total DC Hrs Since Insp--5.50
 String WT: Rot. Off Bottom: 60K, PU--65K, Slack Off--65K
 Deviation: 1 degree @ 350'

OPERATIONS:		HOURS
0600--0700	Finish RU BJ, have safety meeting and test lines to 1900 psi.	01.00
0700--0800	Pump 10 bbl. fresh water spacer, Cement w/ 400 sx class "C" cement, displace with 41 bbl. fresh water. Plug did not bump; pump 1-bbl over displacement and shut in with 150 psi. Circulated 150 sx cement to reserve pit.	01.00
0800--0830	WOC, RD BJ Services	00.50
0830--1230	WOC, Prep to cut off csg.	04.00
1230--1630	WOC, Cut off 20" conductor, cut 13 3/8" Csg. & LD 24.40' cut joint. Pre-heat & weld on 13 3/8 X 13 5/8" 3M Cameron SOW wellhead. Test to 1100 psi.	04.00
1630--2000	WOC, NU 13 5/8" 3M x 13 5/8" 5M Spool, 13 5/8" 5M BOP, 13 5/8" Annular.	03.50
2000--0100	Nipping up BOP stack. Test BOP Blind rams and csg to 1000 psi. Hook up 10" flow line to drilling nipple, hook up choke manifold, HCR and kill line. Function test BOP and Annular for proper open/ close. Test BOP to 600 psi.	05.00
0100--0400	Strap BHA & HWDP. PU MU 11" PDC bit, MMTR, BHA and HWDP & torque up.	03.00
0400--0430	TIH, PU Dp and pressure test 13 3/8" Csg. to 1000 psi. for 30 min.	00.50
0430--0600	TIH, tag cement @ 295', drill cement, plug, baffle plate. Drilling shoe joint	01.50
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Total Hrs.		24.00

COMMENTS:

Cement 13 3/8" Csg. and WOC. Cut conductor & Csg. Install 3M SOW and NU BOPE. PU 11" PDC bit & MMTR TIH test Csg. Drill cement, plug and shoe joint. No accidents No spills.

2-3-2009 Day #3

Operation: Drilling 11" hole w/PDC bit & MMTR (.16RPG)
 Depth: 1731'
 Progress: 1381.0' in 21.5 Hrs
 ROP: 64.2'/hr
 Lithology: Red bed/ Anhy.
 Cum rot hrs: 27.0 Hrs.

Bit #2: 11" HTC, DP505ZX, Ser # 7014666 7-16's, In @ 350'
 Make 1381' in 21.5 Hrs. 64.2'/hr. WOB--15K, RPM--45/72

Mud: Wt.--9.0, Vis--33, PH--9.0, Chlorides--6200 WC--3/32 Oil--3%

Pumps: #1: 6." x 10" x 65 SPM HHF-1000 GPM--226, PP--1150
 #2: 6." x 10" x 65 SPM HHF-1000 GPM--226, PP--1150 GPM Total--452

BHA #2: Bit, MMTR, IBS, 1-8" DC, IBS, 5-8" DC, RT, XO, 6-6 1/2" DC, Jars, 3-6 1/2" DC
 RT, 12 Jts 4.5" HWDP (MMTR S/N 92956), (Jar S/N DJ650142)
 Length: 293.33 BHA #2 Hrs: 21.50 Total DC Hrs Since Insp--27.00

String WT: Rot. Off Bottom: 95K, PU--98K, Slack Off--90K

Deviation: 3/4 degree @ 860' 1 degree @ 1272'

OPERATIONS:		HOURS
0600--0700	TIH, tag cement @ 295', drill cement, plug, baffle plate. Drilling shoe joint	01.00
0700--0830	Drill 11" hole w/ PDC bit & MMTR f/ 350'--415' w/ full returns	01.50
0830--0900	Rig Service, FIT to 10.4# equivalent--OK.	00.50

0900--1330	Drill 11" hole w/ PDC bit & MMTR f/ 415'--860' w/ full returns	04.50
1330--1400	WLS @ 814' -- ¾ degree	00.50
1400--2030	Drill 11" hole w/ PDC bit & MMTR f/ 860'--1350' w/ full returns	06.50
2030--2100	WLS @ 1272'--1 degree	00.50
2100--0600	Drill 11" hole w/ PDC bit & MMTR f/ 1350'--1731' w/ full returns	09.00
		=====
	Total Hrs.	24.00

COMMENTS:

Drill 11"hole w/ PDC bit & MMTR f/ 350'--1731' with full returns. No accidents, No spills.
 Drill cement to shoe. Test csg & shoe to 600 psi--OK. FIT to 10.4# equiv @ 415'--OK.

2-4-2009 Day #4

Operation: Drilling 11" hole w/PDC bit & MMTR (.16RPG)
 Depth: 2749'
 Progress: 1018.0' in 22.5 Hrs
 ROP: 45.2'/hr
 Lithology: Anhy. / Sh.
 Cum rot hrs: 49.0 Hrs.

Bit #2: 11" HTC, DP505ZX, Ser # 7014666 7-16's, In @ 350'
 Make 2399' in 44.0 Hrs. 54.5'/hr. WOB--15K, RPM--45/84

Mud: Wt.--9.8, Vis--34, PH--9.0, Chlorides--132000, WC--3/32, Oil--7%

Pumps: #1: 6." x 10" x 75 SPM HHF-1000 GPM--261, PP--1650
 #2: 6." x 10" x 75 SPM HHF-1000 GPM--261, PP--1650 GPM Total--523

BHA #2: Bit, MMTR, IBS, 1-8" DC, IBS, 5-8" DC, RT, XO, 6-6 ½" DC, Jars, 3-6 ½" DC
 RT, 12 Jts 4.5" HWDP (MMTR S/N 92956), (Jar S/N DJ650142)
 Length: 293.33 BHA #2 Hrs: 44.00 Total DC Hrs Since Insp--49.50

String WT: Rot. Off Bottom: 120K, PU--122K, Slack Off--118K

Deviation: 1 ¼ degree @ 1812' 2 degree @ 2289'

<u>OPERATIONS:</u>		<u>HOURS</u>
0600--0830	Drill 11" hole w/ PDC bit & MMTR f/ 1731'--1858' w/ full returns	02.50
0830--0900	WLS @ 1812' 1 ¼ degree	00.50
0900--1230	Drill 11" hole w/ PDC bit & MMTR f/ 1858'--1985' w/ full returns	03.50
1230--1300	Service rig	00.50
1300--2300	Drill 11" hole w/ PDC bit & MMTR f/ 1985'--2367' w/ full returns	10.00
2300--2330	WLS @ 2289' 2 degree	00.50
2330--0600	Drill 11" hole w/ PDC bit & MMTR f/ 2367'--2749' w/ full returns	06.50
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	Total Hrs.	24.00

COMMENTS:

Drill 11"hole w/ PDC bit & MMTR f/ 1731'--2749' with full returns. Pump 75 bbl. oil into mud system
 No accidents, No spills.

2-5-2009 Day #5

Operation: Drilling 11" hole w/PDC bit & MMTR (.16RPG)
Depth: 3415'
Progress: 666.0' in 22.5 Hrs
ROP: 29.6'/hr
Lithology: Anhy. / Sh.
Cum rot hrs: 71.5 Hrs.

Bit #2: 11" HTC, DP505ZX, Ser # 7014666 7-16's, In @ 350'
Make 3065' in 66.5 Hrs. 46.0'/hr. WOB--15K, RPM--53/71

Mud: Wt.--10.2, Vis--35, PH--9.0, Chlorides--170000, WC--3/32, Oil--3.5%

Pumps: #1: 6." x 10" x 64 SPM HHF-1000 GPM--261, PP--1300
#2: 6." x 10" x 64 SPM HHF-1000 GPM--261, PP--1300 GPM Total--446

BHA #2: Bit, MMTR, IBS, 1-8" DC, IBS, 5-8" DC, RT, XO, 6-6 1/2" DC, Jars, 3-6 1/2" DC
RT, 12 Jts 4.5" HWDP (MMTR S/N 92956), (Jar S/N DJ650142)
Length: 293.33 BHA #2 Hrs: 66.50 Total DC Hrs Since Insp--72.00

String WT: Rot. Off Bottom: 130K, PU--132K, Slack Off--128K

Deviation: 1 degree @ 2830' 1 degree @ 3275'

OPERATIONS:		HOURS
0600--0900	Drill 11" hole w/ PDC bit & MMTR f/ 2749'--2876' w/ full returns	03.00
0900--0930	WLS @ 2830'--1 degree	00.50
0930--1000	Service rig	00.50
1000--0300	Drill 11" hole w/ PDC bit & MMTR f/ 2876'--3353' w/ full returns	17.00
0300--0330	WLS @ 3275'--1 degree	00.50
0330--0600	Drill 11" hole w/ PDC bit & MMTR f/ 3353'--3415' w/ full returns	02.50
Total Hrs.		24.00

COMMENTS:

Drill 11" hole w/ PDC bit & MMTR f/ 2749'--3415' with full returns. No accidents, No spills.

2-6-2009 Day #6

Operation: Drilling 11" hole w/PDC bit & MMTR (.16RPG)
Depth: 3880'
Progress: 465.0' in 22.0 Hrs
ROP: 21.1'/hr
Lithology: Anhy. / Sh. / Salt
Cum rot hrs: 94.00 Hrs.

Bit #2: 11" HTC, DP505ZX, Ser # 7014666 7-16's, In @ 350'
Make 3530' in 88.5 Hrs. 39.8'/hr. WOB--15K, RPM--53/71

Mud: Wt.--10.1, Vis--35, PH--8.5, Chlorides--180000, WC--3/32, Oil--3.5%

Pumps: #1: 6." x 10" x 76 SPM HHF-1000 GPM--265, PP--1650

#2: 6." x 10" x 76 SPM HHF-1000 GPM--265, PP--1650 GPM Total--530

BHA #2: Bit, MMTR, IBS, 1-8" DC, IBS, 5-8" DC, RT, XO, 6-6 1/2" DC, Jars, 3-6 1/2" DC
RT, 12 Jts 4.5" HWDP (MMTR S/N 92956), (Jar S/N DJ650142)
Length: 922.67 BHA #2 Hrs: 88.50 Total DC Hrs Since Insp--94.00

String WT: Rot. Off Bottom: 145K, PU--145K, Slack Off--135K
Deviation: 1 degree @ 3275' 1 degree @ 3784'

OPERATIONS:		HOURS
0600--0800	Drill 11" hole w/ PDC bit & MMTR f/ 3415'--3480' w/ full returns	02.00
0800--0830	Service rig	00.50
0830--1900	Drill 11" hole w/ PDC bit & MMTR f/ 3480'--3703' w/ full returns	10.50
1900--1930	Service rig, repair weight indicator with Simco tech.	00.50
1930-0430	Drill 11" hole w/ PDC bit & MMTR f/ 3703'--3862" w/ full returns	09.00
0430--0500	WLS @ 3784'--1 degree	00.50
0500--0600	Drill 11" hole w/ PDC bit & MMTR f/ 3862'--3880 w/ full returns	01.00
Total Hrs.		24.00

COMMENTS:

Drill 11"hole w/ PDC bit & MMTR f/ 3415'--3880' with full returns. No accidents, No spills.

RECEIVED: From MYCO yard Andrews:

Total of 107-Joints 8 5/8" Csg.		(T/off 4821.35')
67-Joints 8 3/4" 37.82# Q125 LTC	(T/on 3113.95')	(T/off 3088.57')
24-Joints 8 5/8" 32# VMS80 LTC	(T/on 1029.69')	(T/off 1020.99')
16-Joints 8 5/8" 32# J55 STC	(T/on 716.23')	(T/off 711.79')

RETURNED: To MYCO yard Andrews:

1-Joint 8 5/8" 32# VMS80 LTC (T/on 42.50') (T/off 42.13') Bad Pin

2-7-2009 Day #7

Operation: Drilling 11" hole w/PDC bit & MMTR (.16RPG)
Depth: 4253'
Progress: 373.0' in 24.0 Hrs
ROP: 15.5'/hr
Lithology: 70% Anhy, 30% Shale @ 4230'
Cum rot hrs: 118.00 Hrs.

Bit #2: 11" HTC, DP505ZX, Ser # 7014666 7-16's, ln @ 350'
Make 3903' in 112.5 Hrs. 34.6'/hr. WOB--10K, RPM--44/89

Mud: Wt.--10.1, Vis--36, PH--9.0, Chlorides--182000, WC--3/32, Oil--2.0%

Pumps: #1: 6." x 10" x 80 SPM HHF-1000 GPM--265, PP--1800
#2: 6." x 10" x 80 SPM HHF-1000 GPM--265, PP--1800 GPM Total--558

BHA #2: Bit, MMTR, IBS, 1-8" DC, IBS, 5-8" DC, RT, XO, 6-6 1/2" DC, Jars, 3-6 1/2" DC
RT, 12 Jts 4.5" HWDP (MMTR S/N 92956), (Jar S/N DJ650142)
Length: 922.67 BHA #2 Hrs: 112.50 Total DC Hrs Since Insp--118.00

String WT: Rot. Off Bottom: 140K, PU--147K, Slack Off--137K

Deviation: 1 degree @ 3275', 1 degree @ 3784'

OPERATIONS:		HOURS
0600--0600	Drill 11" hole w/ PDC bit & MMTR f/ 3880'--4253' w/ full returns	24.00
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Total Hrs.		24.00

COMMENTS:

Drill 11"hole w/ PDC bit & MMTR f/ 3880'--4253' with full returns. No accidents, No spills. Weatherford-Discovery mud logger commenced logging and was on @ 3950'.

2-8-2009 Day #8

Operation: Drilling 11" hole w/PDC bit & MMTR (.16RPG)

Depth: 4642'

Progress: 389.0' in 23.0 Hrs

ROP: 16.9'/hr

Lithology: 80% Anhy, 10% Shale, 10% Dol. @ 4620'

Cum rot hrs: 141.00 Hrs.

Bit #2: 11" HTC, DP505ZX, Ser # 7014666 7-16's, In @ 350'
Make 4292' in 135.50 Hrs. 31.6'/hr. WOB--14K, RPM--48/89

Mud: Wt.--10.1, Vis--37, PH--9.0, Chlorides--180000, WC--3/32, Oil--6%

Pumps: #1: 6." x 10" x 80 SPM HHF-1000 GPM--279, PP--1750
#2: 6." x 10" x 80 SPM HHF-1000 GPM--279, PP--1750 GPM Total--558

BHA #2: Bit, MMTR, IBS, 1-8" DC, IBS, 5-8" DC, RT, XO, 6-6 1/2" DC, Jars, 3-6 1/2" DC
RT, 12 Jts 4.5" HWDP (MMTR S/N 92956), (Jar S/N DJ650142)
Length: 922.67 BHA #2 Hrs: 135.50 Total DC Hrs Since Insp--141.00

String WT: Rot. Off Bottom: 142K, PU--145K, Slack Off--137K

Deviation: 1 degree @ 3784' 3/4 degree @ 4229'

OPERATIONS:		HOURS
0600--0700	Drill 11" hole w/ PDC bit & MMTR f/ 4253'--4275' w/ full returns	01.00
0700--0730	WLS @ 4229' 3/4 degree	00.50
0730--1630	Drill 11" hole w/ PDC bit & MMTR f/ 4275'--4433' w/ full returns	09.00
1630--1700	Service rig, BOP Drill.	00.50
1700--0600	Drill 11" hole w/ PDC bit & MMTR f/ 4448'--4642' w/ full returns	13.00
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Total Hrs.		24.00

COMMENTS:

Drill 11"hole w/ PDC bit & MMTR f/ 4253'--4642' with full returns. No accidents, No spills. Added 50 bbls oil into mud system thru slug pit at 4625'. 106 joints of 8 3/4" & 8 5/8" Csg on racks cleaned, drifted and ready to run. Prepare to run Davis fluid caliper.

2-9-2009**Day #9**

Operation: Drilling 11" hole w/PDC bit & MMTR (.16RPG)
 Depth: 4780'
 Progress: 138.0' in 12.5 Hrs
 ROP: 11.0'/hr
 Lithology: 90% Dol. 10% Anhy. @ 4780' (Top of San Andres)
 Cum rot hrs: 153.50 Hrs.

Bit #2: 11" HTC, DP505ZX, Ser # 7014666 7-16's, In @ 350'
 Make 4430' in 148.00 Hrs. 29.9'/hr. WOB--24K, RPM--50/83
 GRADE: I4,O8,WT,X,I,RO,TD
 Mud: Wt.--10.3, Vis--40, PH--9.0, Chlorides--182000, WC--3/32, Oil--3%
 Pumps: #1: 6." x 10" x 75 SPM HHF-1000 GPM--279, PP--1500
 #2: 6." x 10" x 75 SPM HHF-1000 GPM--279, PP--1500 GPM Total--523

BHA #2: Bit, MMTR, IBS, 1-8" DC, IBS, 5-8" DC, RT, XO, 6-6 1/2" DC, Jars, 3-6 1/2" DC
 RT, 12 Jts 4.5" HWDP (MMTR S/N 92956), (Jar S/N DJ650142)
 Length: 922.67 BHA #2 Hrs: 148.00 Total DC Hrs Since Insp--153.50
 String WT: Rot. Off Bottom: 142K, PU--145K, Slack Off--137K

Deviation: 3/4 degree @ 4229' 1 degree @ 4735'

OPERATIONS:**HOURS**

0600--0830	Drill 11" hole w/ PDC bit & MMTR f/ 4642'--4671' w/ full returns	02.50
0830--0900	Loss pump pressure, check pumps	00.50
0900--0930	Service rig	00.50
0930--1930	Drill 11" hole w/ PDC bit & MMTR f/ 4671'--4780' w/ full returns (TD)	10.00
1930--2100	Pump sweep, circulate & condition hole for casing	01.50
2100--2130	Set kelly back, drop TOTCO	00.50
2130--2200	TOH for casing	00.50
2200--2300	Downtime, repair high drum chain	01.00
2300--0130	TOH	02.50
0130--0200	Service rig, adjust brakes	00.50
0200--0600	Hold JSA, RU Bull Rodgers LD crew, LD DC's & BHA.	04.00

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Total Hrs.**24.00****COMMENTS:**

Drill 11" hole w/ PDC bit & MMTR f/ 4642'--4780' with full returns. TD 11" hole at 1930 hrs, 2/8/2009 with a depth of 4780'. Circulate & condition hole to run 8 5/8" Csg. Set kelly back, drop TOTCO, TOH to run 8 5/8" csg. RU Bull Rogers LD machine and lay down DC's, MMTR & BHA.

2-10-2009**Day #10**

Operation: Jet pits to fill with fresh water
 Depth: 4780'
 Progress: 000.00' in 00.0 Hrs
 ROP: 00.0'/hr
 Lithology: 90% Dol. 10% Anhy. @ 4780' (Top of San Andres)
 Cum rot hrs: 153.50 Hrs.

Bit #3: 7 7/8" SEC, FMHX653ZR, Ser #11226549 6-16's, In @ 4780'

Mud: Make 0000' in 000.00 Hrs. 00.0'/hr. WOB--00K, RPM--00/00
 Wt.--00.0, Vis--00, PH--0.0, Chlorides--000, WC--0/32, Oil--0%

Pumps: #1: 6." x 10" x 75 SPM HHF-1000 GPM--279, PP--1500
 #2: 6." x 10" x 75 SPM HHF-1000 GPM--279, PP--1500 GPM Total--523

BHA #3: Bit, MMTR, IBS, 1-6 1/2" DC, IBS, 5-6 1/2" DC, Jars, 3-6 1/2" DC
 RT, 12 Jts 4.5" HWDP (MMTR S/N 92953), (Jar S/N DJ650142)
 Length: 819.96 BHA #3 Hrs: 000.00 Total DC Hrs Since Insp--000.00

String WT: Rot. Off Bottom: 142K, PU--145K, Slack Off--137K
 Deviation: 1 degree @ 4780'

OPERATIONS:		HOURS
0600--0630	LD MMTR & PDC bit	00.50
0630--0730	JSA and safety meeting with Bull Rodgers casing crew and RU casing tools	01.00
0730--0800	MU Davis float shoe & float collar on shoe joint, run 1-joint csg, check float (ok)	00.50
0800--1700	Run 65 joints 8 3/4" Q125 37# LTC, 23 joints 8 5/8" VMS80 32# LTC and 16 joints 8 5/8" J55 32# STC casing. Fill-up every 10 joints first 40 joints and every 20 after.	09.00
1700--1800	MU swage circulate with rig pump and wash 35' to 4780'	01.00
1800--1830	Have safety meeting with BJ Services and crews, RU cementers	00.50
1830--2230	Pressure test lines to 3924 psi pump 20 bbl fresh water spacer and cement lead with 1400 sx 50:50 POZ plus additives. Cement tail with 300 sx "C". Drop plug, displace with 282 bbl. fresh water. Plug did not bump, pump 1 bbl over displacement and check floats (ok) Circulated 422 sx cement to reserve pit.	04.00
2230--2300	WOC RD BJ Services, clean floor of trip hazards, prepare to ND	00.50
2300--0230	WOC ND BOP set 140k on slips ruff cut casing remove spacer spool and make final cut. Insert "B" section. Test seal and ring gasket and test to 2000 psi	03.50
0230--0600	WOC NU BOP, flow line and choke manifold. Jet pits and fill with fresh water	03.50
Total Hrs.		24.00

COMMENTS:

LD MMTR & PDC bit. RU casing crew and run 106 joints intermediate casing. RD casing crew and RU BJ Services. Cement with 1400 sx lead and 300 sx "C" tail. Circulate 422 sx to reserve. ND, set casing slips w/ 140k and cut off. Install "B" section and NU BOPE, Jet pits and WOC

8 5/8" CASING & CEMENTING DETAILS:

UNIVERSITY 6-27 #1
 February 10, 2009

Drill out below 13 3/8" Casing shoe @ 0830 hrs, 2-02-2009.

TD 11" Hole at 1930 hrs, 2-9-2009, at a depth of 4780'.

Run Davis fluid caliper, AHV 3090 cu. ft. 157% wash out

Run 8 5/8" Intermediate Casing as follows:

Davis Lynch 8 5/8" Type 500 Float Shoe	2.10'
1 jts, 8 3/4", 37.83#, Q125, LT&C Csg.	46.05'
Davis Lynch 8 5/8" Type 700 PDC drillable float collar	2.00'
66 jts, 8 3/4", 37.83#, Q125, LT&C Csg.	3042.52'
23 jts 8 5/8", 32#, VMS80, LT&C Csg.	978.86'
16 jts, 8 5/8", 32#, J55, STC Csg.	711.79'
=====	
Total 106 joints 8 5/8" Casing Run:	4783.32'

8 5/8" Float Shoe Set @ 4780.00'
8 5/8" Float Collar Set @ 4729.85'
No centralizers run on 8 3/4" casing

Cement 8 5/8" Casing w/:

Pump 20 bbl fresh water spacer
1400 sx 50/50 POZ: C+ 10% Gel+ 5% salt+5# Sx. LCM-1 + 2% FL25A.

Yield--2.45 cu ft, Weight--11.8#/gal

300 sx Class "C" Neat

Yield--1.33 cu ft. Weight--14.8#/gal

Displace w/ 282 bbls fresh water. Plug did not bump; pump 1- bbl. and check float (ok).
Circulate 422 sx cement to the reserve pit. Plug down @ 2219 hrs. 2-10-09 CDT

Notified: TRRC Linda, Operator #8 at 1900 hrs 2/9/2009 of running casing via telephone. TRRC designated Job # 913. No witness. Land 8 5/8" @ 4780'; ND BOPs and cut casing. Set slips with 140k, remove spacer spool and install "B" section. Make final cut, test wellhead to 2000 psi. Start NU BOP to test BOPE

NOTE: RECEIVED:

67 jts, 8 3/4" 37.83# Q125 LT&C from MYCO Andrews yard.
(T/on 3113.95') (T/off 3088.57')

24 jts, 8 5/8" 32# VMS80 LT&C from MYCO Andrews yard
(T/on 1029.69') (T/off 1020.99')

16 jts, 8 5/8" 32# J55 STC from MYCO Andrews yard
(T/on 716.23') (T/off 711.79')
107-Joints

BACK TO ANDREWS YARD:

1 joint 8 5/8" 32# VMS80 LT&C (T/on 42.50') (T/off 42.13') Bad Pin
1 Cut joint 8 5/8" 32# STC 25.85'

2-11-2009 Day #11

Operation: Drill 7 7/8" hole w/ PDC bit & MMTR (.16RPG)

Depth: 4915'

Progress: 135.00' in 4.0 Hrs

ROP: 33.7'/hr

Lithology: 100% Dol. Top of San Andres

Cum rot hrs: 157.50 Hrs.

Bit #3: 7 7/8" SEC, FMHX653ZR, Ser #11226549 6-16's, In @ 4780'

Make 135' in 4.00 Hrs. 33.7'/hr. WOB--15K, RPM--50/83

Mud: Wt.--8.3, Vis--28, PH--10.0, Chlorides--1500, WC--0/32

Pumps: #1: 6." x 10" x 75 SPM HHF-1000 GPM--261, PP--1300

#2: 6." x 10" x 75 SPM HHF-1000 GPM--261, PP--1300 GPM Total--523

BHA #3: Bit, MMTR, IBS, 1-6 1/2" DC, IBS, 5-6 1/2"DC, Jars, 3-6 1/2" DC
RT, 12 Jts 4.5" HWDP (MMTR S/N 92953), (Jar S/N DJ650142)

Length: 819.96 BHA #3 Hrs: 4.00 Total DC Hrs Since Insp--4.00

String WT: Rot. Off Bottom: 112K, PU--112K, Slack Off--111K

Deviation: 1 degree @ 4780'

OPERATIONS:		HOURS
0600--1030	WOC Hook up turnbuckles, cellar jet, 2" and 4" panic lines. Function test BOP and choke manifold. Test BOP and choke manifold to 2000 psi. Annular to 1500 psi. Service rig, Bridges Equipment tech. adjust brakes	04.50
1030--1400	Safety meeting, extremely high winds with dust	
1400--1430	PU MU Jaguar MMTR, PDC bit, 6 1/2" DC's and Cougar jars	03.50
1430--1700	TIH, PU kelly and test MMTR (ok)	00.50
1700--1800	TIH, tag cement stringers @ 4478'	02.50
1800--1930	LD 5-joints DP	01.00
1930--0000	PU kelly, break circulation, work pipe rams and annular.	01.50
0000--0030	Drill cement w/ PDC bit & MMTR f/ 4478'--4730'. Drill plug and float collar. With decreased bit weight and pump rate until BHA is clear of casing	04.50
0030--0200	PU kelly, perform CIT to 1500 psi. for 30 min.	00.50
0200--0600	Drill out shoe joint and 15' into formation, perform FIT to 400 psi for 30 min.	01.50
	Drill 7 7/8" hole w/ PDC bit & MMTR f/ 4780'--4915' w/ full returns	04.00

=====
Total Hrs.

24.00

COMMENTS:

WOC, Hook up cellar jet, choke lines and turnbuckles. Function test BOPE and test to 2000 psi. Test annular to 1500 psi. Service rig brakes. PU MMTR, PDC bit and BHA. TIH w/ 1-stand HWDP and test MMTR (ok) TIH drill cement f/ 4478'--4739'. Drill FC, test csg. To 1500 psi. Drill out shoe joint and test formation to 400 psi for 30 min. Drill 7 7/8" hole w/ PDC bit & MMTR f/ 4780'--4915' with full returns. No accidents, No spills.

2-12-2009 Day #12

Operation: Drill 7 7/8" hole w/ PDC bit & MMTR (.16RPG)
Depth: 6172'
Progress: 1257.00' in 22.0 Hrs
ROP: 57.1'/hr
Lithology: 60% Sh. 30% Ss. 10% Lms. @ 6120'
Cum rot hrs: 179.50 Hrs.

Bit #3: 7 7/8" SEC, FMHX653ZR, Ser #11226549 6-16's, In @ 4780'
Make 1392' in 26.00 Hrs. 53.5'/hr. WOB--15K, RPM--56/83

Mud: Wt.--8.3, Vis--28, PH--10.0, Chlorides--2100, WC--0/32

Pumps: #1: 6." x 10" x 70 SPM HHF-1000 GPM--244, PP--1400
#2: 6." x 10" x 70 SPM HHF-1000 GPM--244, PP--1400 GPM Total--488

BHA #3: Bit, MMTR, IBS, 1-6 1/2" DC, IBS, 5-6 1/2" DC, Jars, 3-6 1/2" DC
RT, 12 Jts 4.5" HWDP (MMTR S/N 92953), (Jar S/N DJ650142)
Length: 819.96 BHA #3 Hrs: 26.00 Total DC Hrs Since Insp--26.00

String WT: Rot. Off Bottom: 131K, PU--132K, Slack Off--130K

Deviation: 1/2 degree @ 5332' 1 1/4 degree @ 5809'

OPERATIONS:		HOURS
0060--1530	Drill 7 7/8" hole w/ PDC bit & MMTR f/ 4915'--5346' w/ full returns	09.50
1530--1600	Service rig	00.50
1600--1630	WLS @ 5300'mis-run	00.50
1630--1700	Drill 7 7/8" hole w/ PDC bit & MMTR f/ 5346'--5378' w/ full returns	00.50

1700--1730	WLS @ 5332' ½ degree	00.50
1730--0000	Drill 7 7/8" hole w/ PDC bit & MMTR f/ 5378'--5855' w/ full returns	06.50
0000--0030	WLS @ 5809' 1 ¼ degree	00.50
0030--0600	Drill 7 7/8" hole w/ PDC bit & MMTR f/ 5855'--6172' w/ full returns	05.50
		=====
Total Hrs.		24.00

COMMENTS:

Drill 7 7/8" hole w/ PDC bit & MMTR f/ 4915'--6172' with full returns. No accidents, No spills. Re-calibrate EPOCH hook load and WOB. PP sensor still not working properly. EPOCH Tech will replace and re-calibrate PP sensor.

2-13-2009 Day #13

Operation: Drill 7 7/8" hole w/ PDC bit & MMTR (.16RPG)
 Depth: 7094"
 Progress: 922.00' in 22.5 Hrs
 ROP: 40.9'/hr
 Lithology: 90% Lm, 10% Sh @ 7050', BG: 34u, MG: 91u, Cg/Dt/Sg gas 133u.
 Cum rot hrs: 202.00 Hrs.

Bit #3: 7 7/8" SEC, FMHX653ZR, Ser #11226549 6-16's, In @ 4780'
 Make 2314' in 48.50 Hrs. 47.7'/hr. WOB--19K, RPM--48/78

Mud: Wt.--8.4, Vis--28, PH--9.0, Chlorides--4800, WC--0/32

Pumps: #1: 6." x 10" x 70 SPM HHF-1000 GPM--244, PP--1400
 #2: 6." x 10" x 70 SPM HHF-1000 GPM--244, PP--1400 GPM Total--488

BHA #3: Bit, MMTR, IBS, 1-6 ½" DC, IBS, 5-6 ½"DC, Jars, 3-6 ½" DC
 RT, 12 Jts 4.5" HWDP (MMTR S/N 92953), (Jar S/N DJ650142)
 Length: 819.96 BHA #3 Hrs: 48.50 Total DC Hrs Since Insp--48.50

String WT: Rot. Off Bottom: 152K, PU--155K, Slack Off--140K

Deviation: 1 degree @ 6300' 1 ½ degrees @ 6739'

<u>OPERATIONS:</u>		<u>HOURS</u>
0600--1000	Drill 7 7/8" hole w/ PDC bit & MMTR f/ 6172'--6363' w/ full returns	04.00
1000--1030	WLS @ 6300' 1 degree	00.50
1030--1700	Drill 7 7/8" hole w/ PDC bit & MMTR f/ 6363'--6585' w/ full returns	06.50
1700--1730	Service rig	00.50
1730--0000	Drill 7 7/8" hole w/ PDC bit & MMTR f/ 6585'--6839' w/ full returns	06.50
0000--0030	WLS @ 6739'	00.50
0030--0600	Drill 7 7/8" hole w/ PDC bit & MMTR f/ 6839'--7094' w/ full returns	05.50
		=====
Total Hrs.		24.00

COMMENTS:

Drill 7 7/8" hole w/ PDC bit & MMTR f/ 6172'--7094' with full returns. No accidents, No spills.

2-14-2009 Day #14

Operation: Drill 7 7/8" hole w/ PDC bit & MMTR (.16RPG)
Depth: 8332"
Progress: 1238.00' in 22.5 Hrs
ROP: 55.0'/hr
Lithology: 60% Sh, 40% Lm @ 8250' Clearfork. BG: 431u, MG: 506u, Cg/Dt/Sg gas 726u.
Cum rot hrs: 224.50 Hrs.

Bit #3: 7 7/8" SEC, FMHX653ZR, Ser #11226549 6-16's, In @ 4780'
Make 3552' in 71.00 Hrs. 50.0'/hr. WOB--18K, RPM--50/78

Mud: Wt.--8.6, Vis--34, PH--10, Chlorides--7200, WC--1/32, WL--14.4

Pumps: #1: 6." x 10" x 70 SPM HHF-1000 GPM--244, PP--1400
#2: 6." x 10" x 70 SPM HHF-1000 GPM--244, PP--1400 GPM Total--488

BHA #3: Bit, MMTR, IBS, 1-6 1/2" DC, IBS, 5-6 1/2"DC, Jars, 3-6 1/2" DC
RT, 12 Jts 4.5" HWDP (MMTR S/N 92953), (Jar S/N DJ650142)
Length: 819.96 BHA #3 Hrs: 71.00 Total DC Hrs Since Insp--71.00

String WT: Rot. Off Bottom:169K, PU--172K, Slack Off--165K

Deviation: 1 1/2 degree @ 7300' 1/2 degree @ 7810'

OPERATIONS:		HOURS
0600--1100	Drill 7 7/8" hole w/ PDC bit & MMTR f/ 7094'--7348' w/ full returns	05.00
1100--1130	WLS @ 7300' 1 1/2 degree	00.50
1130--1700	Drill 7 7/8" hole w/ PDC bit & MMTR f/ 7348'--7633' w/ full returns	05.50
1700--1730	Service rig	00.50
1730--2200	Drill 7 7/8" hole w/ PDC bit & MMTR f/ 7633'--7856' w/ full returns	04.50
2200--2230	WLS @ 7810' 3/4 degree	00.50
2230--0600	Drill 7 7/8" hole w/ PDC bit & MMTR f/ 7856'--8332' w/ full returns	07.50
		=====
Total Hrs.		24.00

COMMENTS:

Drill 7 7/8" hole w/ PDC bit & MMTR f/ 7094'--8332' with full returns. No accidents, No spills.
Start mud up at 8005'. Moderate show @ 8230', 10% FI w/ fair cuts.

2-15-2009 Day #15

Operation: Drill 7 7/8" hole w/ PDC bit & MMTR (.16RPG)
Depth: 9080'
Progress: 748.00' in 22.5 Hrs
ROP: 33.2'/hr
Lithology: 90% Sh, 10% Lm @ 9060' L. Sprayberry BG: 313u, MG: 441u, Cg/Dt/Sg gas1519u.
Cum rot hrs: 247.00 Hrs.

Bit #3: 7 7/8" SEC, FMHX653ZR, Ser #11226549, 6-16's, In @ 4780'
Make 4300' in 93.50 Hrs. 45.9'/hr., WOB--23K, RPM--50/71

Mud: Wt.--8.7, Vis--34, PH--10, Chlorides--7200, WL--10.0, FC--1/32

Pumps: #1: 6." x 10" x 68 SPM HHF-1000 GPM--237, PP--1400
#2: 6." x 10" x 68 SPM HHF-1000 GPM--237, PP--1400 GPM Total--447

BHA #3: Bit, MMTR, IBS, 1-6 1/2" DC, IBS, 8-6 1/2"DC, Jars, 3-6 1/2" DC
RT, 12 Jts 4.5" HWDP (MMTR S/N 92953), (Jar S/N DJ650142)
Length: 819.96 BHA #3 Hrs: 93.50 Total DC Hrs Since Insp--93.50

String WT: Rot. Off Bottom: 190K, PU--195K, Slack Off--185K

Deviation: 1/2 degree @ 8300' 1/2 degree @ 7810'

OPERATIONS:		HOURS
0600--0700	Drill 7 7/8" hole w/ PDC bit & MMTR f/ 8332'--8364' w/ full returns	01.50
0700--0730	WLS @ 8300' 1/2 degree	00.50
0730--1700	Drill 7 7/8" hole w/ PDC bit & MMTR f/ 8364'--8746' w/ full returns	09.50
1700--1730	Service rig	00.50
1730--2130	Drill 7 7/8" hole w/ PDC bit & MMTR f/ 8746'--8841' w/ full returns	04.00
2130--2200	WLS @ 8795' 1/2 degree	00.50
2200--0600	Drill 7 7/8" hole w/ PDC bit & MMTR f/ 8841'--9080' w/ full returns	08.00
		=====
Total Hrs.		24.00

COMMENTS:

Drill 7 7/8" hole w/ PDC bit & MMTR f/ 8332'--9080' with full returns. No accidents, No spills.

2-16-2009 Day #16

Operation: Drill 7 7/8" hole w/ PDC bit & MMTR (.16RPG)

Depth: 9984'

Progress: 904.00' in 22.5 Hrs

ROP: 40.1'/hr

Lithology: 90% Sh, 10% Lm, @ 9910' (Dean) BG--421u, MG--641u, Cg/Dt/Sg gas--1695u.

Cum rot hrs: 269.50 Hrs.

Bit #3: 7 7/8" SEC, FMHX653ZR, Ser #11226549, 6-16's, In @ 4780'
Make 5204' in 116.00 Hrs. 44.8'/hr., WOB--23K, RPM--50/82

Mud: Wt.--9.0, Vis--35, PH--10, Chlorides--5800, WL--12.0, FC--1/32

Pumps: #1: 6." x 10" x 74 SPM HHF-1000 GPM--258, PP--1400
#2: 6." x 10" x 74 SPM HHF-1000 GPM--258, PP--1400 GPM Total--516

BHA #3: Bit, MMTR, IBS, 1-6 1/2" DC, IBS, 8-6 1/2"DC, Jars, 3-6 1/2" DC
RT, 12 Jts 4.5" HWDP (MMTR S/N 92953), (Jar S/N DJ650142)
Length: 819.96' BHA #3 Hrs: 116.00 Total DC Hrs Since Insp--116.00

String WT: Rot. Off Bottom: 205K, PU--208K, Slack Off--198K

Deviation: 3/4 degree @ 9300' 1 degree @ 9811'

OPERATIONS:		HOURS
0600--1230	Drill 7 7/8" hole w/ PDC bit & MMTR f/ 9080'--9349' w/ full returns	06.50
1230--1330	WLS @ 9300'-- 3/4 degree	01.00
1330--0230	Drill 7 7/8" hole w/ PDC bit & MMTR f/ 9349'--9857' w/ full returns	13.00
0230--0300	WLS @ 9811'-- 1 degree	00.50
0300--0600	Drill 7 7/8" hole w/ PDC bit & MMTR f/ 9857'--9984' w/ full returns	03.00
		=====
Total Hrs.		24.00

COMMENTS:

Drill 7 7/8" hole w/ PDC bit & MMTR f/ 9080'--9984' with full returns. No accidents, No spills.

2-17-2009 Day #17

Operation: Logging with Halliburton electric Wireline log
 Depth: 10,255'
 Progress: 271'.00' in 7.00Hrs
 ROP: 38.7'/hr
 Lithology: 90% Sh, 10% Lm, @ 10,255'
 Cum rot hrs: 276.50 Hrs.

Bit #3: 7 7/8" SEC, FMHX653ZR, Ser #11226549, 6-16's, In @ 4780'
 Make 5475' in 123.00 Hrs. 44.5'/hr., WOB--23K, RPM--50/82 (I1,O1,NO,A,X,I,NO,TD)
 Mud: Wt.--9.0, Vis--38, PH--9.5, Chlorides--5200, WL--14.0, FC--2/32
 Pumps: #1: 6." x 10" x 74 SPM HHF-1000 GPM--258, PP--1400
 #2: 6." x 10" x 74 SPM HHF-1000 GPM--258, PP--1400 GPM Total--516
 BHA #3: Bit, MMTR, IBS, 1-6 1/2" DC, IBS, 8-6 1/2"DC, Jars, 3-6 1/2" DC
 RT, 12 Jts 4.5" HWDP (MMTR S/N 92953), (Jar S/N DJ650142)
 Length: 819.96' BHA #3 Hrs: 123.00 Total DC Hrs Since Insp--123.00
 String WT: Rot. Off Bottom: 205K, PU--208K, Slack Off--198K
 Deviation: 1 degree @ 9811' 3/4 degree @ 10,255'

OPERATIONS:		HOURS
0600--1230	Drill 7 7/8" hole w/ PDC bit & MMTR f/ 9984'--10,250" w/ full returns	06.50
1230--1300	Circulate & build volume, mix 50 bbl. sweep	00.50
1300--1330	Drill 7 7/8" hole w/ PDC bit & MMTR f/ 10,250'--10,255 w/ full returns	00.50
1330--1600	Pump 50 bbl. 50 vis. sweep, circulate and condition hole for electric logs	02.50
1600--1630	Set kelly back, drop TOTCO and check crown-omatic	00.50
1630--0000	TOH, (Strap out)	07.50
0000--0100	LD jars, stabilizers, MMTR and bit	01.00
0100--0230	Have safety meeting with Halliburton loggers & crews & PU E-Logging tools.	01.50
0230--0600	RIH w/ Halliburton W/L tools, Log with: GR, CSNG, DSNT, SDLT, ACRT Logs on bottom @ 0415 hrs 2-17-09, Logger TD/ 10,251'	03.50
		=====
Total Hrs.		24.00

COMMENTS:

Drill 7 7/8" hole w/ PDC bit & MMTR f/ 9984'--10,255' with full returns. Mix & pump 50 bbl. sweep. Circulate and condition hole for logs. Set kelly back, drop TOTCO and TOH for logs. Run Halliburton logs, (GR TD-4800', CSNG TD-4800', DSNT TD-200', SDLT TD-200, ACRT TD-4800') Drillers TD is 10,255.00' Logger TD 10,251' TD 7 7/8" hole at 1330 hrs, 2/16/2009. No accidents, No spills.

RECEIVED: From MYCO Andrews pipe yard to Univ. 6-27 #1 location:

223-joints 5 1/2" 17# N80 LTC	(T/on 9042.44'	T/off 8978.68')
32-joints 5 1/2" 17# L80 LTC Csg.	(T/on 1234.62'	T/off 1453.52')
2-joints 5 1/2" 17# N80 LTC MJ.	(T/on 43.17'	T/off 42.60')

2-18-2009 Day #18

Operation: Running 5 1/2" 17# N80 LT&C casing
 Depth: 10,255'
 Progress: 000'.00' in 0.00Hrs
 ROP: 00.0'/hr
 Lithology: 90% Sh, 10% Lm, @ 10,255'
 Cum rot hrs: 276.50 Hrs.

Bit #3: 7 7/8" SEC, FMHX653ZR, Ser #11226549, 6-16's, In @ 4780'
 Make 5475' in 123.00 Hrs. 44.5'/hr., WOB--23K, RPM--50/82
 Grade: I1, O1, NO, A, X, I, NO, TD
 Mud: Wt.--9.0, Vis--38, PH--9.5, Chlorides--5200, WL--14.0, FC--2/32
 Pumps: #1: 6." x 10" x 74 SPM HHF-1000 GPM--258, PP--1400
 #2: 6." x 10" x 74 SPM HHF-1000 GPM--258, PP--1400 GPM Total--516
 BHA #3: Bit, MMTR, IBS, 1-6 1/2" DC, IBS, 8-6 1/2"DC, Jars, 3-6 1/2" DC
 RT, 12 Jts 4.5" HWDP (MMTR S/N 92953), (Jar S/N DJ650142)
 Length: 819.96' BHA #3 Hrs: 123.00 Total DC Hrs Since Insp--123.00
 String WT: Rot. Off Bottom: 205K, PU--208K, Slack Off--198K
 Deviation: 1 degree @ 9811' 3/4 degree @ 10,255'

OPERATIONS:		HOURS
0600--0900	Log with: GR, CSNG, DSNT, SDLT, ACRT, BHVT 1854 cu. ft. AHVT 953 cu. ft.	03.00
0900--0930	RD Halliburton logging tools	00.50
0930--1500	TIH w/bit & BS, fill-up every 40 stands	05.50
1500--1530	PU 3-joints DP and wash to 10,255.00 (6' of fill)	00.50
1530--1700	PU kelly and circulate w/full returns while RU LD machine	01.50
1700--0100	Set kelly back, TOH laying down drill pipe	08.00
0100--0200	PU kelly and break out TIW valve, saver sub, spinner and swivel from kelly	01.00
0200--0300	TOH, LD HWDP, 6 1/2"DC's, BS and bit	01.00
0300--0500	LD kelly, swivel, spinner and subs out V-door	02.00
	Safety meeting with Bull Rodgers casing crew and RU same	
0500--0600	MU FS & FC on shoe joint, MU and run 2-joints, check floats (ok)	01.00
		=====
	Total Hrs.	24.00

COMMENTS:

Run Halliburton electric logs, (GR TD-4800', CSNG TD-4800', DSNT TD-200', SDLT TD-200, ACRT TD-4800') RD Halliburton logging tools. TIH, circulate and RU Bull Rodgers LD crew. TOH LD drill pipe and BHA. Lay kelly and swivel out v-door. Have safety meeting with casing & rig crews. MU FS & FC on shoe joint and check (ok). Run 9 joints 5 1/2" 17# N80 LT&C casing in hole at report time. No accidents, No spills.

2-19-2009 Day #19

Operation: Rigging down Nabors 347, preparing to move onto University 6-40 #1
 Depth: 10,255'
 Progress: 000'.00' in 0.00Hrs
 ROP: 00.0'/hr
 Lithology: 90% Sh, 10% Lm, @ 10,255'
 Cum rot hrs: 276.50 Hrs.
 Bit #3: 0 0/0" SEC, FMHX653ZR, Ser #00000, 0-00's, In @ 000'
 Make 0000' in 00.00 Hrs. 00.0'/hr., WOB--00K, RPM--00/00
 Grade: I0, O0, NO, 0X, 0, NO, TD
 Mud: Wt.--9.0, Vis--38, PH--9.5, Chlorides--5200, WL--14.0, FC--2/32
 Pumps: #1: 6." x 10" x 74 SPM HHF-1000 GPM--258, PP--1400
 #2: 6." x 10" x 74 SPM HHF-1000 GPM--258, PP--1400 GPM Total--516
 BHA #3: Bit, MMTR, IBS, 1-6 1/2" DC, IBS, 8-6 1/2"DC, Jars, 3-6 1/2" DC
 RT, 12 Jts 4.5" HWDP (MMTR S/N 92953), (Jar S/N DJ650142)
 Length: 000.00" BHA #3 Hrs: 00.00 Total DC Hrs Since Insp--00.00
 String WT: Rot. Off Bottom: 00K, PU--00K, Slack Off--00K
 Deviation: 3/4 degree @ 10,255'

OPERATIONS:		HOURS
0600--1430	Run 214 joints 5 1/2" 17# N80 LT&C, 32 joints 5 1/2" 17# L80 LT&C casing, 2-marker joints and Davis-Lynch packer stage collar, filling up every 30 joints	08.50
1430--1530	Circulate with rig pumps while RD casing & LD crew	01.00
1530--1600	RU BJ Services, have safety meeting and test lines to 7018psi	00.50
1600--2000	Pump 10 bbl. FW spacer. Cement first stage With 270 sx. Class "C" cement. Drop plug displace with 235 bbl. FW, circulate 41 sx to reserve pit, bump plug w/ 1366 psi, floats holding. Open DV tool w/ 1666 psi. Pump 60 bbl. FW spacer. Cement 2 nd Stage w/ 710 sx. Class "H" cement. Drop closing plug, displace w/ 176 bbls. FW. Bump plug w/3040 psi. floats holding. Plug down @ 2100hrs.	04.00
2000--2030	RD BJ Services	00.50
2030--2330	ND BOPE to set slips and cut casing	03.00
2330--0230	PU stack, set slips w/140k, rough cut casing and set out stack. Make final cut. Install 11" 3k x 71/16" 5k tubing head, test to 3000psi. (ok)	03.00
0230--0600	Rig down floor and stand pipe manifold. RD pumps suite cases and related equipment. Jet and clean pits, RELEASE RIG @ 0600hrs 2-19-09 Prepare to lower derrick and move Nabors 347 to University 6-40 #1 location	03.50
Total Hrs.		24.00

COMMENTS:

Rig Released at 0600 hrs, 2-19-2009. Trucks ready to move rig to Univ 6-40 #1 this am.

5 1/2" CASING & CEMENTING DETAILS:

UNIVERSITY 6-27-1

February 18, 2009

Run casing as follows:

Davis Lynch 5 1/2" Model 500 Float Shoe	1.30'
1-jts, 5 1/2" 17#, N80, LT&C Csg.	42.54'
Davis Lynch 5 1/2" Model 700 PDC drillable float collar	1.30'
14-jts, 5 1/2" 17#, N80, LT&C Csg.	595.87'
1-jnt, 5 1/2" 17#, N80, LT&C Csg. <u>Marker joint</u>	21.11'

MYCO Industries, Inc.
Daily Report

University 6-27 #1
660' FWL & 1980' FSL
Block 6, Sec. 27

Landman: Hannah Palomin
Andrews County, Texas

Geol: Jim Schlueter

API Number: 42-003-40738
Total Depth: 10,255', KB=18'
Formation: Wolfberry
Eng: Nelson Muncy
Elevations: 2946' GR, 2964' KB

=====
2-20-2009 thru 3-5-2009

Blade and clean off location. Set and test anchors with markers. Build pad for pumping unit base. Set pumping unit concrete base and set Snelson 640-365-168 pumping unit. Build pad for production facilities and tank battery. Start building tank battery and production facilities.

3-6-2009

Move in rig mats, pipe racks and catwalk. MIRU Key Energy Services Rig #322. and set in WRH reverse unit package. Unload and rack 330 joints 2 7/8" 6.5# L80 EUE tbg. Remove protectors and tally tubing. NU BOP test to 2,500 psi Make up RIH w/ 4-3/4" milltooth bit, bit sub, 6—3.5" DC's, XO start picking up 2-7/8" L80 6.5# tbg. Go in hole picking up tubing off of the rack. Drift each joint while picking them up. Tag DV tool w/ 12' in on joint #250 at 8,021'. Pick up and lay down 2 jts tbg. Secure well. Shut down until Monday am.

3-9-2009

Drive to location and hold safety meeting. SITP & SICP—0 psi. Rig up stripper head and pick up swivel. Test DV tool to 2,000 psi & held with no pressure loss. Drill out DV tool. Test 5.5" csg and DV tool to 2,000 psi with no pressure loss. Worked bit through DV tool numerous times. Circulate bottoms up and lay down swivel. Continue GIH picking up tubing. Tag PBSD with 6' in on joint #320 at 10211' by tubing tally. Pick up swivel. Circulate bottoms up. Lay down swivel. PBSD is sufficiently deep to run GR/CBL log and perforate. POOH standing 10 stands of tubing back in derrick. Secure well. SDFN.

3-10-2009

Drive to location and hold safety meeting. SITP & SICP--0. Continue to POH with 2 7/8" tubing. Lay down 6--3.5" DC's, bit sub and bit. Make up 5.5" csg scraper w/ 4.75" bit and GIH. Work bit and scraper through DV tool numerous times. TIH w/ 325 jts and tag PBSD at 10,211'. Lay down one joint tubing. Circ bottoms up. Secure well. SDFN. Prep to pickle & spot acid in the am.

3/11/2009

Drive to location, hold safety meeting. SITP & SICP--0. LD 1 jt & place bit @ 10211' by tubing tally. MIRU Superior Well Services Pump truck and treating van. Hold pre job safety meeting. RU to 2 7/8" tubing & test lines to 5,000 psi—OK. Pickle 2 7/8" tbg & 5.5" csg w/ 250 gallons of Xylene followed by 1,000 gallons of 15% HCL acid. Pump at 1 BPM rate down the tubing and out the casing. Displace the hole with 2% KCL water. Over displace the hole until fluid was totally clean. Shut down. Lay down 2 jts of tbg putting the end of the bit @10,150' by tubing tally. RU Superior to tubing. Start on Kcl water break circ. Pumped 1,500 gallons of 10% Acetic Acid. Flush with 48 bbls of 2% KCL water to put acid on spot. Shut down & RD Superior. POOH laying down 323 jts of 2 7/8" 6.5# L-80 tbg. Lay down 5.5" casing scraper and 4 3/4" bit. ND BOP, RD Key Energy Services Rig #322. Move rig off to the side of the location. Secure well. SDFN. Prep to move to the Univ 6-40 #1.

3/12/2009

Drive to location & hold safety meeting. RU Wood Group Mast Truck and wire line truck. Make up RIH w/GR/CCL/VDL-CBL Logging tool. GIH and correlate on depth to Halliburton Dual Spaced Neutron Spectral Density open hole log dated 2/17/2009. PBSD was 10,196' by corrected wire line depth. Run repeat pass from PBSD up to 9,860' with 0 psi, then run main CBL pass from PBSD up to 7,500' with 1,500 psi. POOH with tools and rig down Wood Group wire line truck. Secure well. SION.

4-15-2009

Drive to location & hold safety meeting. Move in rig up Wood Group electric line. Perforate as follows: 9924-9925, 9960-9962, 9676-9678, 9990-9992, 10,010-10,011, 10,018-10,020, 10,045-10,047. All shots 60* phased, 4 shots /ft, 0.42"ehd, for a total of 48 shots. Move off wire line, move in and rig up Superior Well Services cement pump and pick-up. Load well with 3 bbl 3% KCl and break down with 4824 corrected psi at 2.2 bpm. Initial injection 1.8 bpm @ 3740 corrected psi. Final injection 1.8 bpm @ 3510 corrected psi. with 80 bbl 3% KCl pumped. ISIP – 2450 corrected psi, 5 min – 1850 corrected psi, 10 min – 1760 corrected psi, 15 min - 1660 corrected psi, 30 min – 1660 corrected psi. Both Superior electronic gauges showing different pressures. 2 Martin-Decker gauges showing same pressures. Corrected chart readings to show Martin-Decker readings. Rig down and move off Superior equipment.

4-16-2009

Drive to location & hold safety meeting. Move in and rig up Wood Group wireline. Perforate 9,976-9,978 with 4 shots per foot, 60* phased, 0.42"ehd with a total of 8 shots. Rig down and move off wireline.

5-18-2009

Set in frac tanks from LTR. Set 10--500 barrel frac tanks + 1--500 barrel acid tank. Install splitter valves and tee in manifold of frac tanks. Acid tank filled with 130 bbls fresh water and will have acid delivered tomorrow. Install 10" aluminum pipe from transfer pumps at frac pond #2 to the frac tanks. Fill tanks with fresh water from frac pond #2. Prep to frac on Wed, 5/20/2009.

5-19-2009

ND wellhead flange. **Move in and install MYCO 10K isolation frac mandrel & 10K frac valve from Myco Inventory at Cameron -- Hobbs, NM.** Test flanges--OK. Move in and set up light towers. Move in and rig up Wood Group electric line and crane truck for stage work. Prep to frac.

5-20-2009

Move in and rig up Wood Group wire line truck and Superior Well Services frac equipment. Complete well in 4 stages as follows:

Wolfcamp

Stage #1 Perforations: 9924-25, 9960-62, 9976-78, 9990-92, 10010-11, 10018-20, 10045-47 & 10150-52 w/ 52 holes. 0.42" EHD.

Acidize with 2000 gallons 15% HCL NEFE.

Frac with: 276,024 gallons XL gel + 54,680# 40/70 Ottawa + 68,378# 20/40 Ottawa Sand.

Lower Sprayberry

Stage #2 Perforations: 8954-55, 8975-76, 9001-02, 9090-91, 9146-47, & 9191-92 with 20 holes, 0.42" EHD.

Acidize with 2000 gallons 15% HCL NEFE.

Frac with: 86,788 gallons cross link gel + 114,817# 20/40 Ottawa Sand.

Middle Sprayberry

Stage #3 Perforations: 8669-70, 8677-78, 8684-85, 8702-03, 8777-78 & 8807-08' w/ 24 holes, 0.42" EHD.

Acidize with 2000 gallons 15% HCL NEFE.

Frac with: 87,796 gallons cross link gel + 112,600# 20/40 Ottawa Sand.

Upper Sprayberry

Stage #4 Perforations: 8389-90, 8404-05, 8446-47, 8467-68, 8504-05, 8528-29, 8563-64, & 8610-11' w/ 32 holes, 0.42" EHD.

Acidize with 2000 gallons 15% HCL NEFE

Frac with: 81,774 gallons cross link gel + 98,000# 20/40 Ottawa Sand.

Frac via 5.5" casing on all stages. 12,187 bbls load to recover. Rig down and release Superior Well Services frac crews. Prepare to drill out plugs and clean out to PBTD.

5-21-2009

MIRU Bobcat 1.75" coil tubing unit and Smith down hole motor & 4 bladed mill. **MIRU MYCO flowback manifold and flow back iron.** Rig up to Bobcat flow tee and GIH w/ mill. Drill out bridge plugs and clean out to PBTD. Circulate hole clean and sweep hole. Chase sweep out of hole while TOH w/ CT. Leave well flowing to tank through flow back equipment. Rig down and release Bobcat coil tubing unit.

5-22-2009

Rigged down Bobcat coil tubing unit today. Prepare to move to the Univ 6-31 #2. Flow back well on 32/64" choke. FCP 430 psi making 60 bbls/hr load water with light gas. Flow back 680 bbls load water in the past 24 hrs with high sand and plug debris. 11,507 bbls load to recover.

5-23-2009

Flow back well to flow back tank. FCP now at 80 psi and making 15 bbls load water/hr. Flow back 320 bbls load water with light gas and no show of oil. 11,187 bbls load to recover.

5-24-2009

Well open with slight gas blow and did not make any fluid in the past 24 hrs. 11,187 bbls load water to recover. Check chokes and flow lines and had sand in top of wellhead. Shut well in for 5 hrs. Open back up and blow out sand. Flow light gas with occasional slug of fluid.

5-25-2009

Well venting light gas flow TSTM. Did not make any fluid in the past 24 hours. 11,187 bbls load water to recover.

5-26-2009

Shut well in. Well was venting slight gas blow up 5.5" casing and has not made any fluid in the past 24 hours. 11,187 bbls load water to recover. Move in and set pipe racks and catwalk from the Univ 6-31 #1. **Rig down and release MYCO flow back manifold and flow back iron.**

5-27-2009

Empty all frac tanks and clean out any sand in flow back tank. Release all tanks. Move in BOP and set rig mat. Prepare to MIRU work over rig.

5-28-2009

Rig down and release MYCO 10K rental frac mandrel and frac valve. Prep to nipple up 3M double ram BOP. Secure well, SDFN. Prep to MIRU work over rig in the am.

5-29-2009

Move in and rig up Key Energy Services work over rig. Hold safety meeting. SICP--75 psi. Bleed off pressure and well started flowing oil. Shut in well. Have crew lay line to tank to bleed down pressure and oil. Flow for 45 min and make 5 bbls oil and good gas. Casing did not bleed off pressure in order to remove frac mandrel and frac valve. Shut down and SION. Set racks and cat walk. Start moving 2 7/8" 6.5# L80 EUE tbg from Myco Yard to put on racks. Transfer 138 jts today and will transfer additional tubing tomorrow for total of 330 jts.

5-30-2009

SICP--250 psi. Open up to flow back tank on 26/64" choke. Flow pressure decreased to 0 in 3 hrs. Make total of 15 bbls oil and no water. Leave well open to tank on 26/64 choke with well gassing but not making any fluid. 11,187 bbls load water to recover.

5-31-2009

Finish hauling tubing to put on pipe racks. **Transfer total of 332 jts New 2 7/8" 6.5# L80 EUE tubing from MYCO Andrews Yard to University 6-27 #1.** Well is open to the flow back tank and gassing steady, but not making any fluid. Leave open to the tank. Connect vac pump to other valve on casing. Prep to start picking up tubing in the am.

6-1-2009

Drive to location & hold safety meeting. Start vacuum pump on 5.5" csg and install stripper head. Make up 2 7/8" notched collar, 2 flapper valves, 60 jts tubing as cavity, 3.5" Bulldog Bailer, 2 7/8" ported sub and 261 jts 2 7/8" 6.5# L80 EUE tbg. Strip in hole with well flowing out casing thru vacuum pump and to pit. Tag at 9820' and bail 4' and fall through. Continue in hole to 10,104'. Stroke bailer and clean out to 10,148' and stopped. Work bailer and rotate tubing with no success. Bottom perforations at 10,150-10,152' are still covered. Unable to get any deeper. Probably have rubber in flapper valves. Pull out of hole with 70 jts 2 7/8" tbg. Secure well. SION. Prep to clean out tubing and TIH to clean out past perforations.

6-2-2009

Drive to location & hold safety meeting. SITP--40 psi, SICP--0 psi Bled off tbg pressure & well flowed back 5 bbls of 90% oil. Continue to POOH w/251 more jts of 2-7/8" tbg. Lay down Bailer and flapper valves. Recover a big piece of bridge plug inside of the notch collar, recover rubber and pieces of slips. Clean out flapper valves. RIH w/4.75" bit, bit sub, 2 flapper valves, 6 jts of tbg as cavity, 3.5" Bulldog Bailer, 2-7/8" ported sub and 315 jts of 2-7/8" 6.5# L80 EUE tbg. Tag @10,148', RU stripper head & swivel. Rotate tubing & stroke bailer and clean out down to 10,176'. Work bit and was unable to get deeper. RD swivel & POOH w/71 jts to get above all perforations. Secure well. SION. Prep to POOH w/bailer & RIH w/Production tubing.

6-3-2009

Drive to location & hold safety meeting. Open up well. SITP—100 psi SICP--Steady gas blow. Bleed off tubing pressure & well flowed back 3 bbls of 90% oil cut. Continue POOH w/251 more jts of 2 7/8" tubing. Break out LD Bailer and cavity. Recover a large amount of sand and slip cuttings Make up GIH w/ 2 7/8" Bull Plug 2 jts 2-7/8" 6.5# EUE L80 tbg, 4'--2-7/8" perforated sub, 2-7/8" Mechanical hold down seating nipple w/1.25"x20' gas anchor & 57 more jts of 2-7/8" 6.5# EUE L80 tbg, 2-7/8" X 5.5" TAC and then run in hole with 262 more joints of 2 7/8" 6.5# L80 EUE tbg. Total of 262 jts tbg above the TAC, 319 jts to the Mechanical Hold Down Seating Nipple and 321 joints total in the well. Set TAC at 8278' which is above all perforations. Mechanical Hold Down SN at 10,064' and End of Tbg at 10,131'. TAC set in 14K Tension. ND BOP and flange up wellhead. ND Floor and rig up to run sucker rods and pump. Remove thread protectors off of 1 1/2" K bars and

3/4" sucker rods. Pick up and bucket test pump. GIH w/ 2.5" x1.5" x24' RHBM pump, 6—1.5" "K" bars & 65 3/4" rods. All rods are Upco HS rods. Secure well. SION

2 7/8" production tubing details from Top--Down:

GIH w/ 2-7/8" 6.5# L80 EUE production tubing as follows:

KB Correction:	16.00
262 Joints 2.875" 6.5# L80 EUE tbg	8,260.13
2-7/8"x5.5" Baker 45K TAC	2.80
57 jts 2-7/8" 6.5# L80 EUE tbg	1,784.71
2-7/8" Mechanical Hold Down SN	1.10
2-7/8" Perforated sub	4.00
2 jts 2-7/8" 6.5# L80 EUE tbg (MJ)	62.82
2-7/8" Bull Plug	0.40
	=====
Total Tubing Length	10,131.96'

Tubing Anchor/ Catcher at: 8,278.93'
 Mechanical Hold Down SN at: 10,064.74'
 End of Tubing at: 10,131.96'

6-4-2009

Drive to location & hold safety meeting. Open well. SITP--slight blow. SICP--steady gas blow. Finish removing thread protectors on 3/4" & 7/8" & 1" sucker rods. Go in hole picking up 60 more 3/4" Upco HS rods, 137—7/8" & 133 1"Upco HS rods. Seat pump and space out with 2' X 1" & 8' X 1" pony sub, Install 1.5" X 26' Polish rod with 1.75" X 16' Polish Rod Liner. Space out 18" off bottom. Hang well on. Plumb well head and connect flowline. Contact Snelson pumping units to have crew out and balance pumping unit tomorrow am. Secure well. SION. **Transfer 11 jts, 281.55' 2 7/8" 6.5# L80 EUE tubing back to Myco Andrews Yard.**

Rod Details From top-- Down:

1-1/2"x26' PR w/1-3/4"x1-1/2"x16' PRLNR
 1"x2'x8'—sub
 125-- 1" Rods
 137-- 7/8" Rods
 133-- 3/4" Rods
 6—1-1/2" Kbars
 2.5"x1.5"x24' RHBM—Mechanical Hold Down Pump w/ 5' grooved plunger & monel pins.

Total Rod Length---10,079'

Permian Pump Delivered to MYCO Andrews Yard then to Univ 6-27 #1: 6-3-2009

6--1.5" K Bars
 125--3/4" HS Upco Rods
 139--7/8" HS Upco Rods
 135--1" HS Upco Rods
 2--1" Upco HS pony rods
 1-4', 1-6', 1-8' X 1" Upco HS Pony Rods.
 Spray metal couplings for all rods.

Returned to MYCO Andrews Yard: 6-5-2009

2--1" Upco HS rods

2--7/8" Upco HS rods

1--2'X1" Upco HS pony rod, 1--4'X1" Upco HS Pony rod, & 1--6'X1" Upco HS Pony rod.

6-5-2009

Start pumping unit. Snelson Pumping units arrived location and balanced the pumping unit leaving it 7.5 SPM. Start unit and respace by raising it up 4". Start well back up and leave well pumping into tank battery at 12:30 hrs 6/5/2009. RD Key Well Service. Turn well over to pumper.

6-6-2009

Pump 0 oil, 121 load water. Down on arrival due to Weatherford tank level control. Reset it Again and put back to pumping. **11,066 BLWTR**

6-7-2009

Pump 0 oil, 188 load water. Down on tank level alarm again. Contacted Weatherford again. Reset and put on hand to bypass tank level alarm. Still no technician to correct problem. **10,878 BLWTR.**

6-8-2009

Pump 0 oil, 274 load water. **10,604 BLWTR.**

6-9-2009

Pump 0 oil, 294 load water. **10,310 BLWTR.**

6-10-2009

Pump 0 oil, 294 load water. **10,016 BLWTR**

6-11-2009

Pump 0 oil, 268 load water. **9,748 BLWTR.**

6-12-2009

Pump 0 oil, 279 load water. **9,469 BLWTR.**

6-13-2009

Pump 0 oil, 258 load water. **9,211 BLWTR.**

6-14-2009

Pump 0 oil, 281 load water. **8,930 BLWTR.**

6-15-2009

Pump 28 oil, 315 load water. **8,615 BLWTR.**

6-16-2009

Pump 1.2 MCF, 11 oil, 300 load water. **8,315 BLWTR.**

6-17-2009

Pump 8 oil, 294 load water. **8021 BLWTR.**

6-18-2009

Pump 33 oil, 278 load water. **7743 BLWTR.**

6-19-2009

Pump 14 oil, 210 load water. **7533 BLWTR.**

6-20-2009

Pump 8 oil, 256 load water. **7277 BLWTR.**

6-21-2009

Pump 6 oil, 267 load water. **7010 BLWTR.**

6-22-2009

Pump 58 MCF, 118 oil, 174 load water. **6836 BLWTR.**

6-23-2009

Pump 8 MCF, 17 oil, 254 load water. **6582 BLWTR.**

6-24-2009

Pump 0 MCF, 17 oil, 267 load water. **6315 BLWTR.**

6-25-2009

Pump 0 MCF, 6 oil, 251 load water. **6064 BLWTR.**

6-26-2009

Pump 0 MCF, 11 oil, 238 load water. **5826 BLWTR.**

6-27-2009

Pump 6 MCF, 17 oil, 254 load water. **5572 BLWTR.**

6-28-2009

Pump 20 MCF, 22 oil, 245 load water. **5327 BLWTR.**

6-29-2009

Pump 20 MCF, 28 oil, 268 load water. **5059 BLWTR.**

6-30-2009

Pump 20 MCF, 33 oil, 245 load water. **4814 BLWTR.**

7-1-2009

Pump 21 MCF, 25 oil, 252 load water. **4562 BLWTR.**

7-2-2009

Pump 22 MCF, 33 oil, 229 load water. **4333 BLWTR.**

7-3-2009

Pump 23 MCF, 39 oil, 231 load water. **4102 BLWTR.**

7-4-2009

Pump 23 MCF, 37 oil, 224 load water. **3878 BLWTR.**

7-5-2009

On an official 24-hour test, well pumped 45 MCF, 56 oil, 229 load water. 3649 BLWTR.
FINAL REPORT.