

MEWBOURNE OIL COMPANY
500 WEST TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

Lease

University B21 5

Well No

W101NC

Location

210' FSL & 2200' FWL

County

Winkler

ST

TX

Section

TwNShp

Rng

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5

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API # 42-495-33703

DATE	DAILY REPORTS
Jan 12 2016	Staked location 210' FSL & 2200' FWL, Sec 5, Blk 21, Winkler County, Texas. Moved location 25' North from original calls of 185' FSL & 2200' FWL due to a pipeline. (BLS)
FEB 17 2016	MI Sweat construction & start building location @ 210' FSL & 2200' FWL, Sec 5, Blk 21, Winkler Co., TX. (JWB)
FEB 18-29 2016	Building location. (JWB)
MAR 01-03 2016	Building location. (JWB)
MAR 04-08 2016	Location finished & ready for ratholes. (JWB)
APR 01 2016	MI Ready Drill & drill ratholes. Set 80' of 20" conductor pipe & cmt to surface w/Redi-mix. Verified location by GPS @ 210' FSL & 2200' FWL, Sec 5, Blk 21, Winkler County, Texas. TWC \$0. (SN/JN/FL)
APR 04 2016	Drop from report until further activity.
APR 19 2016	Start MIRU Patterson/UTI #220 w/Wilbanks Trucking Services this A.M. from Devon 6 W2AD Fee #1H. DDC \$56,000. TWC \$56,000. (LH/RR/SN/JN/FL)
APR 20 2016	MIRU Patterson/UTI #220 w/Wilbanks Trucking Services. 90% Moved in. 10% Rigged up. Move Day 1. DDC \$0. TWC \$56,000. (LH/RR/SN/JN)
APR 21 2016	MIRU Patterson/UTI #220. 100% Moved in. 40% Rigged up. Move Day 2. DDC \$0. TWC \$56,000. (LH/RR/SN/JN)
APR 22 2016	Continue RU Patterson/UTI #220. 100% Moved in. 90% Rigged up. Move Day 3. DDC \$0. TWC \$56,000. (LH/RR/SN/JN)
APR 23 2016	200' (120'). Operation: Drlg. Formation: Surface rock. MW 8.4, Vis 32, pH 10, Cl 1900, Ca 280, Solids <1%, DMC \$0, TMC \$0. Bit #1, Size 17 ½", Make Ulterra, Type U616S (PDC), SN 27449, Jets 9-16's, In @ 80', Made 120' in 3 hrs. PP 200#, RPM 80, WOB 20k, PR 40.0. (Finish RU 15, Mix spud mud & PU BHA 6, Drlg 3 hrs.) Remarks: Day 1. Finish RU. Mix spud mud & PU BHA. Spudded well w/Patterson/UTI #220 @ 3:00 A.M. MDT 04/23/16. Drlg from 80' to 200'. BHA: Bit, Bit sub, Shock sub, 8" DC, Roller reamer, 2-8" DC's, XO, 2-6" DC's. Total BHA: 176.46'. No fluid lost or gained. DDC \$238,914. TWC \$294,914. (LH/RR/SN/JN)
APR 24 2016	376' (176'). Operation: WOC - NU BOPE. Formation: Anhy. Dev @ 237' - 0.9°. MW 10.0, Vis 29, pH 10, Cl 155k, Ca 3200, Solids <1%, DMC \$930, TMC \$930. Bit #1, Size 17 ½", Make Ulterra, Type U616S (PDC), SN 27449, Jets 9-16's, In @ 80', Out @ 376', Made 296' in 6 ¾ hrs. PP 300#, RPM 80, WOB 20k, PR 46.9. (Run csg 3, Circ 1, Cmt 3, Trip 3, Surv ¼, Drlg 3 ¾, WOC 10 hrs.) Remarks: Day 2. Drlg from 200' to 376' w/survey. Circ. TOOH. Held safety meeting. RU Bull Rogers & run 13 ⅜" csg. Circ. RU Par Five & cmt 13 ⅜" csg. WOC. Weld on 13 ⅜" SOW x 13 ⅝" 3k# wellhead w/base plate. Tested wellhead to 800#. Held safety meeting. NU BOPE w/Man Welding. No fluid lost or gained. DDC \$58,165. TWC \$353,079. (LH/RR/JN)
	<div><div>1</div><div>Weatherford TPGS</div><div>0.67'</div></div> <div><div>1</div><div>13 ⅜" 54.5# J55 ST&C Csg</div><div>42.12'</div></div> <div><div>1</div><div>Weatherford Float Collar</div><div>1.68'</div></div>

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API # 42-495-33703

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	<div><div>8</div><div>13 3⁄8" 54.5# J55 ST&C Csg</div><div>336.51'</div><div>Total</div><div>380.98'</div><div>Less above KB</div><div>4.98'</div><div>Csg set @</div><div>376.00'</div></div> <div>(Note: Received 11 jts of 13 3⁄8" 54.5# J55 ST&C csg (461.94' T-off) from Smith Bros - Manufactured by Hall Longmore. Returned 2 jts of 13 3⁄8" 54.5# J55 ST&C csg (83.31' T-off) & 1 cutoff jt of 13 3⁄8" 54.5# J55 ST&C csg (34.98') to Smith Bros for credit.)</div> <div>Held safety meeting. Par Five cmt w/400 sks Class C w/2% CaCl₂ (yd @ 1.34 cuft/sk @ 14.8 PPG). Plug down @ 8:00 P.M. MDT 04/23/16. Circ 83 sks of cmt to the pit. (Notified Shannon, operator #6, w/TRRC but did not witness.)</div>
APR 25 2016	<div>1491' (1115'). Operation: Drlg w/motor & MWD. Formation: Anhy - Salt. Dev @ 417' - 0.7°, @ 781' - 1.0°, @ 1280' - 0.8°. MW 10.0, Vis 28, pH 10, Cl 153k, Ca 6400, Solids 1.8%, DMC \$101, TMC \$1,031. Bit #2, Size 12 1⁄4", Make Ulterra, Type U616S (PDC), SN 31223, Jets 6-16's, In @ 376', Made 1115' in 10 1⁄4 hrs. PP 2150#, RPM 60/107, WOB 30k, PR 108.8. (Drlg 10 1⁄4, Surv 1 1⁄4, WOC 2, NU BOPE 4 3⁄4, Test csg & BOPE 1⁄2, PU dir tools & test 3 1⁄2, Trip 1, Drlg cmt, plug & floats 3⁄4 hrs.) Remarks: Day 3. WOC. Weld on 13 3⁄8" SOW x 13 5⁄8" 3k# wellhead w/base plate & tested to 800#. NU BOPE. Test blind rams to 1500#. PU dir tools & test. TIH. At 5:30 P.M. MDT 04/24/16, test csg & BOPE to 1500# for 30 min, held OK. Drlg plug, float & cmt. BHA: Bit, Wenzel 0.17 rpg 2.12° motor, UBHO, NMDC, Reamer, 3-8" DC's, XO, 27-6" DC's, XO. Total BHA: 1459.34'. No fluid lost or gained. DDC \$50,763. TWC \$403,842. (RR/LH/JN)</div>
APR 26 2016	<div>3165' (1674'). Operation: Drlg w/motor & MWD. Formation: Anhy - Salt. Dev @ 1534' - 0.7°, @ 2005' - 1.0°, @ 2354' - 0.6°, @ 2732' - 1.5°. MW 10.1, Vis 29, pH 10, Cl 159k, Ca 3200, Solids 2.1%, DMC \$820, TMC \$1,851. Bit #2, Size 12 1⁄4", Make Ulterra, Type U616S (PDC), SN 31223, Jets 6-16's, In @ 376', Made 2789' in 25 1⁄2 hrs. PP 3500#, RPM 60/107, WOB 30k, PR 109.8. (Drlg 15 1⁄4, Surv 2, RS 1⁄2, Replace DP 2 1⁄4, Replace saver subs 3 1⁄2 Install rot head rubber 1⁄2 hrs.) Remarks: Day 4. Drlg from 1491' to 3165' w/surveys & RS. Replace saver sub & 9 jts of leaking DP. BHA: Bit, Wenzel 0.17 rpg 2.12° motor, UBHO, NMDC, Reamer, 3-8" DC's, XO, 27-6" DC's, XO. Total BHA: 1459.34'. No fluid lost or gained. DDC \$50,015. TWC \$453,857. (KJ/MM/PN/JN)</div>
APR 27 2016	<div>4304' (1139'). Operation: Drlg w/motor & MWD. Formation: Anhy. Dev @ 3112' - 1.3°, @ 3491' - 1.7°, @ 3871' - 0.4°. MW 10.2, Vis 29, pH 9, Cl 182k, Ca 3600, Solids 2.3%, DMC \$556, TMC \$2,407. Bit #2, Size 12 1⁄4", Make Ulterra, Type U616S (PDC), SN 31223, Jets 6-16's, In @ 376', Made 3928' in 43 hrs. PP 3850#, RPM 60/121, WOB 40k, PR 65.1. (Drlg 17 1⁄2, Surv 1 1⁄2, RS 1⁄2, Replace DP 1⁄4, Replace saver sub 4, BOPE & H₂S drill 1⁄4 hrs.) Remarks: Day 5. Drlg from 3165' to 4304' w/surveys, RS, BOPE & H₂S drill. Replace saver sub & 1 jt of leaking DP. BHA: Bit, Wenzel 0.17 rpg 2.12° motor, UBHO, NMDC, Reamer, 3-8" DC's, XO, 27-6" DC's, XO, 33-5" DP, XO. Total BHA: 2027.43'. No fluid lost or gained. DDC \$49,109. TWC \$502,966. (KJ/MM/PN/JN)</div>
APR 28 2016	<div>5138' (834'). Operation: LD dir tools. Formation: Anhy. Dev @ 4251' - 1.2°, @ 4631' - 0.9°, @ 5085' - 1.5°. MW 10.0, Vis 29, pH 9, Cl 179k, Ca 3600, Solids <1%, DMC \$1,317, TMC \$3,724. Bit #2, Size 12 1⁄4", Make Ulterra, Type U616S (PDC), SN 31223, Jets 6-16's, In @ 376', Out @ 5138', Made 4762' in 56 hrs. PP 3850#, RPM 60/121, WOB 40k, PR 64.2. (Drlg 13, Surv 1 3⁄4, RS 3⁄4, Circ 2, Trip 5 1⁄2, LD dir tools 1 hrs.) Remarks: Day 6. Drlg from 4304' to 5138' w/surveys & RS. Circ. TOOH. LD 8" DC's & dir tools. BHA: Bit, Wenzel 0.17 rpg</div>

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APR 28- CONT	2.12° motor, UBHO, NMDC, Reamer, 3-8" DC's, XO, 27-6" DC's, XO, 33-5" DP, XO. Total BHA: 2027.43'. No fluid lost or gained. DDC \$60,977. TWC \$563,943. (KJ/MM/PN/JN)																					
APR 29 2016	<p>5138' (0'). Operation: Testing BOPE. Formation: Anhy. MW 8.4, Vis 28, pH 10, Cl 4000, Ca 600, Solids <1%, DMC \$1,667, TMC \$5,391. PP 500#. (Run csg 7, Circ 1, Cmt 3, WOC 12, Test BOPE 1 hrs.) Remarks: Day 7. Held safety meeting. Run 9 5/8" csg w/Bull Rogers. Circ. RU Schlumberger & cmt. WOC. Held safety meeting. ND BOPE w/Man Welding. Set wellhead slips w/160k#. NU 13 5/8" 3k# x 11" 5k# csg spool. Tested csg spool pack-off to 1500#. NU BOPE. No fluid lost or gained. DDC \$212,245. TWC \$776,188. (KJ/MM/SN/JN)</p> <table><tr><td>1</td><td>Weatherford Float Shoe</td><td>1.60'</td></tr><tr><td>1</td><td>9 5/8" 40# N80 LTC csg</td><td>42.15'</td></tr><tr><td>1</td><td>Weatherford Float Collar</td><td>1.48'</td></tr><tr><td>121</td><td>9 5/8" 40# N80 LTC csg</td><td>5096.78'</td></tr><tr><td></td><td>Total</td><td>5142.01'</td></tr><tr><td></td><td>Less above KB</td><td>4.01'</td></tr><tr><td></td><td>Csg set @</td><td>5138.00'</td></tr></table> <p>(Note: Received 125 jts of 9 5/8" 40# N80 (5265.38' T-off) from Smith Bros - Manufactured by Nexteel ERW. Returned 3 jts 9 5/8" 40# N80 LT&C csg (126.45' T-off) & 1 cutoff jt of 9 5/8" 40# N80 LT&C csg (30.55') to Smith Bros for credit.)</p> <p>Held safety meeting. Schlumberger cmt w/900 sks Lite Class C (50:50:10) w/5% Salt, 0.2% Antifoam & 0.1% Dispersant (yd @ 2.45 cuft/sk @ 11.8 PPG). Tail w/200 sks Lite Class C (50:50:1) w/5#/sk Salt, 0.2% Antifoam, 1/8#/sk Celloflake, 3#/sk LCM & 0.1 % Retarder (yd 1.30 cuft/sk @ 14.2 PPG). Plug down @ 5:00 P.M. MDT 04/28/16. Circ 105 sks of cmt to the pit. (Notified Daphane w/TRRC but did not witness.)</p>	1	Weatherford Float Shoe	1.60'	1	9 5/8" 40# N80 LTC csg	42.15'	1	Weatherford Float Collar	1.48'	121	9 5/8" 40# N80 LTC csg	5096.78'		Total	5142.01'		Less above KB	4.01'		Csg set @	5138.00'
1	Weatherford Float Shoe	1.60'																				
1	9 5/8" 40# N80 LTC csg	42.15'																				
1	Weatherford Float Collar	1.48'																				
121	9 5/8" 40# N80 LTC csg	5096.78'																				
	Total	5142.01'																				
	Less above KB	4.01'																				
	Csg set @	5138.00'																				
APR 30 2016	5138' (0'). Operation: Rig repair - Annular. MW 8.4, Vis 28, pH 10, Cl 12k, Ca 400, Solids <1%, DMC \$101, TMC \$5,492. (Test BOPE 1 1/4, RR 22 3/4 hrs.) Remarks: Day 8. Tested BOPE to 5000#. Annular & IBOP would not test. Replace IBOP & Annular rubber & seals. DDC \$32,214. TWC \$808,402. (KJ/MM/SN/LJ)																					
MAY 01 2016	5138' (0'). Operation: Rig repair - Annular. MW 8.4, Vis 28, pH 10, Cl 12k, Ca 400, Solids <1%, DMC \$101, TMC \$5,593. (Test BOPE 2 3/4, RR 20 3/4, PU BHA 1/2 hrs.) Remarks: Day 9. Install catch pan & trip nipple. Test 4" valve on #2 pump. Would not test. Repair 4" valve. Tested standpipe & mud lines to the pumps to 5000#. Repair regulator on accumulator. Would not hold pressure. Replace regulator. Replace valve on accumulator. Tested Annular to 2500#. Pick up BHA & test motor. Repair Annular. Re-install rotating head. DDC \$38,060. TWC \$846,462. (KJ/MM/SN/LJ)																					
MAY 02 2016	6665' (1527'). Operation: Drlg w/motor. Formation: Sand - Lime. Dev @ 5482' - 1.1°, @ 5863' - 0.3°, @ 6243' - 0.2°. MW 8.5, Vis 28, pH 10, Cl 9300, Ca 600, Solids <1%, DMC \$3,213, TMC \$8,806. Bit #3, Size 8 3/4", Make STC, Type Z619 (PDC), SN JK5927, Jets 6-16's, In @ 5138', Made 1527' in 11 hrs. PP 2800#, RPM 65/147, WOB 35k, PR 138.8. (RR 3, PU BHA 1/2, Trip 3 1/2, Install rot head 1/2, Drlg 11, Drlg plug, float & cmt 3/4, Test csg 1/2, Weld flange on flowline 1, Replace saver sub 2 3/4, RS 1/2 hrs.) Remarks: Day 10. TIH. Install rotating head rubber. At 2:00 P.M. MDT 05/01/16, tested csg to 1500# for 30 min, held OK. Drlg plug, float & cmt. Drlg from 5138' to 5241'. Weld on flowline flange. Drlg from 5241' to 5596' w/surveys & RS. Replace saver sub. Drlg from 5596' to 6665'. BHA: Bit, Phoenix 0.25 rpg mtr, Teledrift, Reamer, 1-6" DC, IBS, 26-6" DC's, XO. Total BHA: 879.12'. No fluid lost or gained. DDC \$51,955. TWC \$898,417. (KJ/MM/SN/LJ)																					

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DATE	DAILY REPORTS
MAY 03 2016	8595' (1930'). Operation: Drlg w/motor. Formation: Lime - Sand. Dev @ 6630' - 0.4°, @ 7105' - 0.4°, @ 7519' - 0.3°, @ 7857' - 0.5°, @ 8234' - 1.1°. MW 9.2, Vis 29, pH 10, Cl 31k, Ca 5600, Solids <1%, DMC \$2,399, TMC \$11,205. Bit #3, Size 8 ¾", Make STC, Type Z619 (PDC), SN JK5927, Jets 6-16's, In @ 5138', Made 3457' in 34 ½ hrs. PP 3600#, RPM 60/147, WOB 35k, PR 82.1. (Drlg 23 ½, RS ½ hrs.) Remarks: Day 11. Drlg from 6665' to 8595' w/surveys & RS. BHA: Bit, Phoenix 0.25 rpg mtr, Teledrift, Reamer, 1-6" DC, IBS, 26-6" DC's, XO. Total BHA: 879.12'. No fluid lost or gained. DDC \$47,732. TWC \$946,149. (GH/LH/SN/JN)
MAY 04 2016	9447' (852'). Operation: TOO H for bit. Formation: 50% Lime - 50% Chert. Dev @ 8624' - 1.6°, @ 9004' - 1.2°, @ 9374' - 1.7°. MW 9.3, Vis 29, pH 9, Cl 99k, Ca 5200, Solids <1%, DMC \$2,322, TMC \$13,527. Bit #3, Size 8 ¾", Make STC, Type Z619 (PDC), SN JK5927, Jets 6-16's, In @ 5138', Made 4309' in 51 hrs. PP 3300#, RPM 55/136, WOB 35k, PR 51.6. (Drlg 16 ½, Trip 5 ¼, Circ 1 ¼, RS ½, BOPE & H ₂ S drills ½ hrs.) Remarks: Day 12. Drlg from 8595' to 9447' w/surveys, RS, BOPE & H ₂ S drills. Circ. TOO H for bit. BHA: Bit, Phoenix 0.25 rpg mtr, Teledrift, Reamer, 1-6" DC, IBS, 26-6" DC's, XO. Total BHA: 879.12'. Well started gaining 10 BPH @ 9100'. DDC \$54,949. TWC \$1,001,098. (GH/LH/SN/JN)
MAY 05 2016	9629' (182'). Operation: Drlg. Formation: Lime - Chert. Dev @ 9374' - 1.7°. MW 9.3, Vis 29, pH 9, Cl 99k, Ca 5200, Solids <1%, DMC \$100, TMC \$13,627. Bit #3, Size 8 ¾", Make STC, Type Z619 (PDC), SN JK5927, Jets 6-16's, In @ 5138', Out @ 9447', Made 4309' in 51 hrs. Bit #4, Size 8 ¾", Make STC, Type F47HY, SN RH5287, Jets 3-18's, In @ 9447', Made 182' in 10 hrs. PP 3600#, RPM 50, WOB 50k, PR 18.2. (Drlg 10, Trip 9 ½, RS 1, Replace bad jt DP ¼, RR 3 ¼ hrs.) Remarks: Day 13. TOO H. TIH w/bit #4. RS. Replace bad jt DP. Repair IBOP sub. Drlg from 9447' to 9629' w/survey. BHA: Bit, BS, 1-6" DC, Teledrift, Reamer, 1-6" DC, IBS, 25-6" DC's, XO. Total BHA: 850.54'. No fluid lost or gained. DDC \$46,117. TWC \$1,047,215. (GH/LH/SN/JN)
MAY 06 2016	10186' (557'). Operation: TOO H for bit. Formation: 70% Shale - 20% Lime - 10% Sand. Dev @ 9770' - 1.5°. MW 9.2, Vis 29, pH 10, Cl 93k, Ca 6000, Solids <1%, DMC \$437, TMC \$14,064. Bit #4, Size 8 ¾", Make STC, Type F47HY, SN RH5287, Jets 3-18's, In @ 9447', Made 739' in 32 ½ hrs. PP 3300#, RPM 50, WOB 50k, PR 24.8. (Drlg 22 ½, Trip 1, RS ½ hrs.) Remarks: Day 14. Drlg from 9629' to 10186' w/survey & RS. TOO H. BHA: Bit, BS, 1-6" DC, Teledrift, Reamer, 1-6" DC, IBS, 25-6" DC's, XO. Total BHA: 850.54'. No fluid lost or gained. DDC \$45,871. TWC \$1,093,086. (GH/LH/SN/JN)
MAY 07 2016	10437' (251'). Operation: Drlg w/motor. Formation: Shale - Lime. Dev @ 10170' - 2.2°. MW 9.2, Vis 29, pH 10, Cl 87k, Ca 6000, Solids <1%, DMC \$384, TMC \$14,448. Bit #4, Size 8 ¾", Make STC, Type F47HY, SN RH5287, Jets 3-18's, In @ 9447', Out @ 10186', Made 739' in 32 ½ hrs. Bit #5, Size 8 ¾", Make HTC, Type DP506X (PDC), SN JK1827, Jets 6-16's, In @ 10186', Made 251' in 4 ½ hrs. PP 3600#, RPM 50/147, WOB 40k, PR 55.8. (Drlg 4 ½, Trip 16, RS ½, Install rot rubber ½, RR 2 ½ hrs.) Remarks: Day 15. Repair ST-80. TOO H. RS. TIH. Drlg from 10186' to 10437' w/survey. BHA: Bit, Phoenix 0.25 rpg mtr, Teledrift, Reamer, 1-6" DC, IBS, 26-6" DC's, XO. Total BHA: 879.21'. No fluid lost or gained. DDC \$54,605. TWC \$1,147,691. (GH/LH/SN/JN)
MAY 08 2016	10627' MD (190'). Operation: Trip to PU dir tools. Formation: Shale - Lime. Dev @ 10554' - 8.5°, @ 10609' - 8.8°. MW 9.3, Vis 40, WL 9, pH 10, PV 13, YP 10, Gels 4/5, FC 1/32", Cl 89k, Ca 5200, Solids <1%, DMC \$14,357, TMC \$28,805. Bit #5, Size 8 ¾", Make HTC, Type DP506X (PDC), SN JK1827, Jets 6-16's, In @ 10186', Out @ 10627', Made 441' in 12 hrs. PP 3600#, RPM 50/136, WOB 20k, PR 25.3. (Drlg 7 ½, Trip 8, RS ½, Circ 3, Run Gyro 5 hrs.) Remarks: Day 16. Drlg from 10437' to 10627' w/survey. Circ. Held safety meeting. Ran Gyro w/Phoenix @ 10627' MD. Bottom hole closure @ 10535' MD - 66.8' @ 182.3° Azm. Circ.

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MAY 08- CONT	RS. TOO. BHA: Bit, Phoenix 0.25 rpg mtr, Teledrift, Reamer, 1-6" DC, IBS, 26-6" DC's, XO. Total BHA: 879.21'. No fluid lost or gained. DDC \$59,215. TWC \$1,206,906. (GH/LH/SN/JN)
MAY 09 2016	10781' MD (154'). Operation: Drlg w/motor & MWD. Formation: Shale - Lime. Dev @ 10640' - 7.3°, @ 10703' - 5.4°. MW 9.4, Vis 40, WL 10, pH 10, PV 10, YP 8, Gels 4/5, FC 1/32", Cl 85k, Ca 5600, Solids 2.7%, DMC \$5,720, TMC \$34,525. Bit #6, Size 8 3/4", Make HTC, Type DP506FX (PDC), SN 7150920, Jets 6-16's, In @ 10627', Made 154' in 9 hrs. PP 3150#, RPM 30/141, WOB 20k, PR 17.1. (Drlg 9, Surv 1, Trip 7 1/2, RS 1, Replace saver sub 2, Install rot head rubber 1/2, PU dir tools 3 hrs.) Remarks: Day 17. Replace saver sub. RS. PU dir tools & test. TIH. Install rot head ruber. Drlg from 10627' to 10781' MD w/survey. BHA: Bit, Stryker 0.28 rpg 2.25° fixed mtr, UBHO, 2-NMDC's, 33-5" DP, XO, 21-6" DC's, Jars, 6-6" DC's, XO. Total BHA: 1987.69'. No fluid lost or gained. DDC \$49,026. TWC \$1,255,932. (GH/LH/PN/JN)
MAY 10 2016	11365' MD (584'). Operation: Drlg w/motor & MWD. Formation: 60% Shale - 40% Lime. Dev @ 10955' - 1.1°, @ 11240' - 2.0°. MW 9.4, Vis 44, WL 10, pH 10, PV 10, YP 10, Gels 4/5, FC 1/32", Cl 88k, Ca 5600, Solids 1.7%, DMC \$1,982, TMC \$36,507. Bit #6, Size 8 3/4", Make HTC, Type DP506FX (PDC), SN 7150920, Jets 6-16's, In @ 10627', Made 738' in 22 3/4 hrs. PP 4000#, RPM 30/138, WOB 24k, PR 42.5. (Drlg 13 3/4, Surv 1 1/2, RS 1, Replace IBOP 7 1/2, BOPE & H2S drill 1/4 hrs.) Remarks: Day 18. Drlg from 10781' to 11104' MD w/surveys, RS, BOPE & H2S drill. Replace IBOP. Drlg from 11104' to 11365' MD w/surveys. BHA: Bit, Stryker 0.28 rpg 2.25° fixed mtr, UBHO, 2-NMDC's, 33-5" DP, XO, 21-6" DC's, Jars, 6-6" DC's, XO. Total BHA: 1987.69'. No fluid lost or gained. BG 300 units. CG 600 units. TG 4100 units. DDC \$54,899. TWC \$1,310,831. (KJ/PN/JN)
MAY 11 2016	11508' MD (143'). Operation: Trip for bit. Formation: 60% Shale - 40% Lime. MW 9.4, Vis 44, WL 10, pH 10, PV 11, YP 10, Gels 4/5, FC 1/32", Cl 96k, Ca 6000, Solids 1.6%, DMC \$6,494, TMC \$43,001. Bit #6, Size 8 3/4", Make HTC, Type DP506FX (PDC), SN 7150920, Jets 6-16's, In @ 10627', Out @ 11508', Made 881' in 35 hrs. PP 4000#, RPM 30/160, WOB 24k, PR 11.7. (Drlg 12 1/4, Surv 1, RS 1/2, Trip 10 1/4 hrs.) Remarks: Day 19. Drlg from 11365' to 11508' MD w/surveys & RS. TOO. BHA: Bit, Stryker 0.28 rpg 2.25° fixed mtr, UBHO, 2-NMDC's, 33-5" DP, XO, 21-6" DC's, Jars, 6-6" DC's, XO. Total BHA: 1987.69'. No fluid lost or gained. BG 200 units. CG 300 units. DDC \$53,711. TWC \$1,364,542. (KJ/PN/JN) 11461' MD (11455.8' TVD) 1.6° Inc @ 288.1° Azm
MAY 12 2016	11846' MD (338'). Operation: Drlg w/MWD & motor. Formation: 60% Shale - 40% Lime. MW 9.5, Vis 44, WL 15, pH 10, PV 11, YP 10, Gels 4/5, FC 1/32", Cl 100k, Ca 5600, Solids 1.7%, DMC \$1,812, TMC \$44,813. Bit #7, Size 8 3/4", Make HTC, Type HP624 (PDC), SN 5259777, Jets 2-16's & 1-18, In @ 11508', Made 338' in 9 hrs. PP 4000#, RPM 30/129, WOB 40k, PR 37.6. (Drlg 9, Surv 1 1/2, RS 1, Trip 7 1/4, Replace dir tools & test 2 1/2, Cut drlg line 2 3/4 hrs.) Remarks: Day 20. Replace dir tools & test. TIH w/bit #7. Cut drlg line & RS. Finish TIH. Drlg from 11508' to 11846' MD w/surveys. BHA: Bit, Stryker 0.28 rpg 2.38° adj mtr w/KP, UBHO, 2-NMDC's, 33-5" DP, XO, 21-6" DC's, Jars, 6-6" DC's, XO. Total BHA: 1988.41'. No fluid lost or gained. BG 225 units. CG 250 units. TG 3000 units. DDC \$49,544. TWC \$1,414,086. (KJ/PN/JN) 11492' MD (11486.8' TVD) 3.3° Inc @ 321.4° Azm 11523' MD (11517.7' TVD) 6.5° Inc @ 332.6° Azm 11555' MD (11549.3' TVD) 10.5° Inc @ 340.3° Azm 11586' MD (11579.6' TVD) 14.7° Inc @ 341.3° Azm

MEWBOURNE OIL COMPANY
500 WEST TEXAS, SUITE 1020
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Lease

University B21 5

Well No

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County

Winkler

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DATE	DAILY REPORTS
MAY 12- CONT	<div>11618' MD (11610.2' TVD) 18.4° Inc @ 339.5° Azm</div> <div>11650' MD (11640.3' TVD) 21.7° Inc @ 337.3° Azm</div>
MAY 13 2016	<div>12270' MD (424'). Operation: TOO H to run 7" csg. Formation: 70% Shale - 30% Lime. MW 9.5, Vis 45, WL 9, pH 11, PV 11, YP 10, Gels 4/5, FC 1/32", Cl 89k, Ca 5600, Solids 2.4%, DMC \$3,024, TMC \$47,837. Bit #7, Size 8 ¾", Make HTC, Type HP624 (PDC), SN 5259777, Jets 2-16's & 1-18, In @ 11508', Made 762' in 21 hrs. PP 4000#, RPM 30/129, WOB 24k, PR 35.3. (Drlg 12, Surv 5, RS ½, Trip 5, Circ 1 ½ hrs.) Remarks: Day 21. Drlg from 11846' to 12270' MD w/surveys & RS. Circ. TOO H. BHA: Bit, Stryker 0.28 rpg 2.38° adj mtr w/KP, UBHO, 2-NMDC's, 33-5" DP, XO, 21-6" DC's, Jars, 6-6" DC's, XO. Total BHA: 1988.41'. No fluid lost or gained. BG 800 units. CG 2325 units. DDC \$69,730. TWC \$1,483,816. (KJ/PN/JN)</div> <div>11681' MD (11668.7' TVD) 25.6° Inc @ 338.6° Azm</div> <div>11713' MD (11697.3' TVD) 28.0° Inc @ 341.1° Azm</div> <div>11744' MD (11724.3' TVD) 30.4° Inc @ 344.6° Azm</div> <div>11776' MD (11751.6' TVD) 32.9° Inc @ 346.7° Azm</div> <div>11807' MD (11777.3' TVD) 34.8° Inc @ 347.3° Azm</div> <div>11839' MD (11803.3' TVD) 36.6° Inc @ 345.0° Azm</div> <div>11871' MD (11828.8' TVD) 37.8° Inc @ 344.0° Azm</div> <div>11902' MD (11853.1' TVD) 38.7° Inc @ 342.3° Azm</div> <div>11934' MD (11877.7' TVD) 41.2° Inc @ 340.2° Azm</div> <div>11965' MD (11900.2' TVD) 45.5° Inc @ 339.2° Azm</div> <div>11997' MD (11922.0' TVD) 48.4° Inc @ 339.0° Azm</div> <div>12028' MD (11942.0' TVD) 51.4° Inc @ 339.0° Azm</div> <div>12060' MD (11961.3' TVD) 54.2° Inc @ 340.2° Azm</div> <div>12091' MD (11978.9' TVD) 56.9° Inc @ 342.0° Azm</div> <div>12123' MD (11995.8' TVD) 59.4° Inc @ 344.1° Azm</div> <div>12155' MD (12011.4' TVD) 62.0° Inc @ 346.5° Azm</div> <div>12186' MD (12025.3' TVD) 64.8° Inc @ 348.6° Azm</div> <div>12218' MD (12038.0' TVD) 68.6° Inc @ 349.5° Azm</div> <div>Projected to the bit @</div> <div>12270' MD (12055.5' TVD) 72.0° Inc @ 349.5° Azm</div>
MAY 14 2016	<div>12270' MD (0'). Operation: Setting slips on 7" csg. Formation: Shale - Lime. MW 9.6, Vis 43, WL 10, pH 10, PV 10, YP 10, Gels 4/5, FC 1/32", Cl 90k, Ca 5600, Solids 1.9%, DMC \$4,505, TMC \$52,342. Bit #7, Size 8 ¾", Make HTC, Type HP624 (PDC), SN 5259777, Jets 2-16's & 1-18, In @ 11508', Out @ 12270', Made 762' in 21 hrs. PP 500#. (Trip 5, LD dir tools 1 ¼, RS ½, Run csg 14 ¾, Circ 2, Set slips ½ hrs.) Remarks: Day 22. TOO H. LD dir tools. RS. Held safety meeting. RU Bull Rogers & run 7" csg w/torque turn. Circ csg capacity. Set wellhead slips through BOP w/314k#. No fluid lost or gained. DDC \$315,586. TWC \$1,799,402. (KJ/SN/SH)</div> <div>1Weatherford Float Shoe1.30'</div> <div>17" 29# P110 BT&C Csg38.20'</div> <div>1Weatherford Float Collar2.25'</div> <div>307" 29# P110 BT&C Csg1180.54'</div> <div>17" 29# P110 BT&C x LT&C XO Csg37.81'</div> <div>1157" 29# P110 LT&C Csg4562.30'</div> <div>1Weatherford ECP set @ 6428'24.76'</div> <div>1Weatherford DV Tool set @ 6406'2.20'</div>

MEWBOURNE OIL COMPANY
500 WEST TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

Lease

University B21 5

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Location

210' FSL & 2200' FWL

County

Winkler

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API # 42-495-33703

DATE	DAILY REPORTS
MAY 14-CONT	<div><div>397" 29# P110 LT&C Csg Bond Coated1545.24'</div><div>1227" 29# P110 LT&C Csg4832.99'</div><div>17" Landing Tool29.06'</div><div>Total12256.65'</div><div>Less above KB1.65'</div><div>Csg set @12255.00'</div></div> <div>(Note: Received 31 jts of 7" 29# P110 BT&C csg (1218.74' T-off), 1 jt of 7" 29# P110 LT&C x BT&C XO csg (37.81' T-off) 250 jts of 7" 29# P110 LT&C csg (9913.10' T-off), 39 jts of 7" 29# P110 LT&C bond coated csg (1545.24' T-off), from Smith Bros - Manufactured by IPSCO. Returned 13 jts of 7" 29# P110 LT&C csg (517.81' T-off) to Smith Bros for credit.</div>
MAY 15 2016	<div>12270' MD (0'). Operation: TIH w/bit #8. Formation: Shale - Lime. MW 9.5, Vis 47, WL 10, pH 10, PV 11, YP 10, Gels 4/5, FC 1/32", CI 90k, Ca 5600, Solids 1.9%, DMC \$3,130, TMC \$55,472. Bit #8, Size 6 1/8", Make Halliburton, Type MM54D (PDC), SN 12769584, Jets 5-18's, In @ 12270', Made 0' in 0 hrs. PP 500#. (Cmt 8, WOC 12, PU dir tools & test 1 1/2, Trip 2 1/2 hrs.) Remarks: Day 23. RU Schlumberger & cmt 7" csg. WOC. PU dir tools & test. TIH. No fluid lost or gained. DDC \$95,417. TWC \$1,894,819. (KJ/SN/SH)</div> <div>Held safety meeting. Schlumberger cmt 1st stage w/250 sks PVL w/0.8% Retarder, 10% Gel, 0.2% Antifoam, 0.1% Viscosifier, 0.1% Fluid Loss, 0.2% Dispersant, 3% Extender (yd @ 2.73 cuft/sk @ 11.0 PPG). Tail w/400 sks Lite Class H (50:50:6) w/0.2% Antifoam, 0.12% Retarder, 0.2% Dispersant (yd @ 1.31 cuft/sk @ 14.2 PPG). Plug down @ 10:00 A.M. MDT 05/14/16. Pressured up to 3850# to set ECP. Tested csg to 8000# for 5 min, held OK. Dropped bomb & opened DV tool w/800#. Circ dyed water but did not circ cmt off of DV tool. Cmt 2nd stage w/100 sks Lite Class C (50:50:10) w/0.2% Antifoam, 5#/sk Salt, 0.1% Dispersant (yd @ 2.45 cuft/sk @ 11.8 PPG). Tail w/100 sks Lite Class C (50:50:0) w/0.5% Extender & 0.2% Antifoam (yd @ 1.24 cuft/sk @ 14.2 PPG). Plug down @ 2:00 P.M. MDT 05/14/16. Did not circ cmt. Slow rate lift pressure @ 520# @ 1.9 BPM. Closed DV tool w/1700#. (Notified Michelle w/TRRC but did not witness.)</div>
MAY 16 2016	<div>12400' MD (130'). Operation: Drlg w/motor & MWD. Formation: 90% Shale - 10% Lime. MW 13.5, Vis 70, HTHP 8, PV 25, YP 20, Gels 15/18/22, FC 1/32", CI 44k, Ca 13k, Adj solids 3.5%, Oil 69%, ES 500, DMC \$0, TMC \$55,472. Bit #8, Size 6 1/8", Make Halliburton, Type MM54D (PDC), SN 12769584, Jets 5-18's, In @ 12270', Made 130' in 6 1/4 hrs. PP 4000#, RPM 50/76, WOB 20k, PR 20.8. (Test BOPE & csg 2, Trip 4 1/4, Drlg DV tool, plug, float & cmt 4, RS 3/4, Clean pits 3, Displace w/OBM 3, Drlg 6 1/4, Surv 1/4, FIT test 1/2 hrs.) Remarks: Day 24. TIH. Drlg DV tool @ 6408' MD. RS. Continue TIH. At 3:30 P.M. 05/15/16, tested csg to 2500# for 30 min, held OK. Drlg plug, float & cmt. Clean pits. Displace hole with OBM. FIT test to EMW of 15.1 PPG. Drlg from 12270' to 12400' MD w/surveys. Last survey @ 12283' MD (12058.8' TVD) 73.9° Inc @ 348.0° Azm. Total lateral open hole @ 145' of 4523'. BHA: Bit, Baker 0.27 rpg 1.80° adj mtr, UBHO, Slick NMDC, Flex NMDC, XO. Total BHA: 96.77'. No fluid lost or gained. DDC \$49,742. TWC \$1,944,561. (KJ/SN/SH)</div>
MAY 17 2016	<div>13187' MD (787'). Operation: Drlg w/motor & MWD. Formation: 100% Shale. MW 13.4, Vis 62, HTHP 6, PV 32, YP 18, Gels 15/18/22, FC 1/32", CI 55k, Ca 12k, Adj solids 3.9%, Oil 71%, ES 490, DMC \$0, TMC \$55,472. Bit #8, Size 6 1/8", Make Halliburton, Type MM54D (PDC), SN 12769584, Jets 5-18's, In @ 12270', Made 917' in 25 1/4 hrs. PP 3900#, RPM 50/70, WOB 20k, PR 41.4. (Drlg 19, Surv 3 1/2, RS 1, BOPE & H₂S drills 1/2 hrs.) Remarks: Day 25. Drlg from 12400' to 13187' MD w/surveys, RS, BOPE & H₂S drills. Last survey @ 13041' MD (12098.7' TVD) 88.9° Inc @ 347.1° Azm. Total lateral open hole @ 932' of 4523'. BHA: Bit, Baker 0.27 rpg 1.8° adj mtr, UBHO, Slick NMDC, Flex NMDC, XO. Total BHA: 96.77'.</div>

MEWBOURNE OIL COMPANY
500 WEST TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

LeaseUniversity B21 5Well NoW101NCLocation210' FSL & 2200' FWL

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Section5Blk21Survey

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DATE	DAILY REPORTS
MAY 17- CONT	No fluid lost or gained. BG 125 units. CG 150 units. DDC \$42,092. TWC \$1,986,653. (GH/SN/JN)
MAY 18 2016	14042' MD (855'). Operation: Drlg w/motor & MWD. Formation: 100% Shale. MW 13.4, Vis 53, HTHP 6, PV 28, YP 12, Gels 7/12, FC 1/32", Cl 50k, Ca 14k, Adj solids 4.1%, Oil 71%, ES 447, DMC \$5,269, TMC \$60,741. Bit #8, Size 6 1/8", Make Halliburton, Type MM54D (PDC), SN 12769584, Jets 5-18's, In @ 12270', Made 1772' in 46 1/2 hrs. PP 4700#, RPM 55/82, WOB 25k, PR 40.2. (Drlg 21 1/4, Surv 2 1/4, RS 1/2 hrs.) Remarks: Day 26. Drlg from 13187' to 14042' MD w/surveys & RS. Last survey @ 13896' MD (12121.1' TVD) 91.1° Inc @ 341.3° Azm. <u>Total lateral open hole @ 1787' of 4523'</u> . BHA: Bit, Baker 0.27 rpg 1.8° adj mtr, UBHO, Slick NMDC, Flex NMDC, XO. Total BHA: 96.77'. No fluid lost or gained. BG 125 units. CG 150 units. DDC \$61,951. TWC \$2,048,604. (GH/SN/JN)
MAY 19 2016	14959' MD (917'). Operation: Drlg w/motor & MWD. Formation: 100% Shale. MW 13.5, Vis 59, HTHP 6, PV 25, YP 13, Gels 9/15, FC 2/32", Cl 45k, Adj solids 3.9%, Oil 74%, ES 473, DMC \$26,433, TMC \$87,174. Bit #8, Size 6 1/8", Make Halliburton, Type MM54D (PDC), SN 12769584, Jets 5-18's, In @ 12270', Made 2689' in 67 hrs. PP 4700#, RPM 55/82, WOB 30k, PR 44.7. (Drlg 20 1/2, Surv 2 3/4, RS 1/2, LD DP 1/4 hrs.) Remarks: Day 27. Drlg from 14042' to 14137' MD. LD 1 jt of damaged DP. Drlg from 14137' to 14959' MD w/surveys & RS. Last survey @ 14844' MD (12127.7' TVD) 88.7° Inc @ 331.8° Azm. <u>Total lateral open hole @ 2704' of 4523'</u> . BHA: Bit, Baker 0.27 rpg 1.8° adj mtr, UBHO, Slick NMDC, Flex NMDC, XO. Total BHA: 96.77'. No fluid lost or gained. BG 175 units. CG 200 units. DDC \$71,342. TWC \$2,119,946. (GH/SN/JN)
MAY 20 2016	15655' MD (696'). Operation: Drlg w/motor & MWD. Formation: 100% Shale. MW 13.6, Vis 52, HTHP 8, PV 25, YP 18, Gels 10/19, FC 2/32", Cl 39k, Adj solids 3.7%, Oil 70%, ES 513, DMC \$18,532, TMC \$105,706. Bit #8, Size 6 1/8", Make Halliburton, Type MM54D (PDC), SN 12769584, Jets 5-18's, In @ 12270', Made 3385' in 88 3/4 hrs. PP 4700#, RPM 55/82, WOB 30k, PR 32.0. (Drlg 21 3/4, Surv 1 3/4, RS 1/2 hrs.) Remarks: Day 28. Drlg from 14959' to 15655' MD. Last survey @ 15509' MD (12124.6' TVD) 91.0° Inc @ 341.0° Azm. <u>Total lateral open hole @ 3400' of 4523'</u> . BHA: Bit, Baker 0.27 rpg 1.8° adj mtr, UBHO, Slick NMDC, Flex NMDC, XO. Total BHA: 96.77'. No fluid lost or gained. BG 150 units. CG 175 units. DDC \$70,447. TWC \$2,190,393. (GH/SN/JN)
MAY 21 2016	16550' MD (895'). Operation: Drlg w/motor & MWD. Formation: 100% Shale. MW 13.5, Vis 52, HTHP 4, PV 22, YP 22, Gels 10/21, FC 2/32", Cl 39k, Adj solids 3.7%, Oil 72%, ES 547, DMC \$1,980, TMC \$107,686. Bit #8, Size 6 1/8", Make Halliburton, Type MM54D (PDC), SN 12769584, Jets 5-18's, In @ 12270', Made 4280' in 109 1/2 hrs. PP 4200#, RPM 55/70, WOB 30k, PR 43.1. (Drlg 20 3/4, Surv 2 3/4, RS 1/2 hrs.) Remarks: Day 29. Drlg from 15655' to 16550' MD. Last survey @ 16459' MD (12133.7' TVD) 90.2° Inc @ 350.0° Azm. <u>Total lateral open hole @ 4295' of 4523'</u> . BHA: Bit, Baker 0.27 rpg 1.8° adj mtr, UBHO, Slick NMDC, Flex NMDC, XO. Total BHA: 96.77'. No fluid lost or gained. BG 125 units. CG 150 units. DDC \$46,495. TWC \$2,236,888. (GH/SN/JN)
MAY 22 2016	16780' MD (230'). Operation: TOOH to run 4 1/2" liner. Formation: 100% Shale. MW 13.5, Vis 55, HTHP 5, PV 24, YP 25, Gels 16/32, FC 2/32", Cl 38k, Adj solids 3.7%, Oil 72%, ES 543, DMC \$6,197, TMC \$113,883. Bit #8, Size 6 1/8", Make Halliburton, Type MM54D (PDC), SN 12769584, Jets 5-18's, In @ 12270', Made 4510' in 118 1/4 hrs. PP 5300#, RPM 55/82, WOB 30k, PR 26.3. (Drlg 8 3/4, Surv 3/4, Circ 4, Trip 9 1/2, RS 1 hrs.) Remarks: Day 30. Drlg from 16550' to 16780' MD w/surveys. TD well @ 3:30 P.M. MDT 05/21/16. Circ. Short trip to 12236' MD w/no drag. RS. TIH to 16780' MD w/no drag or fill. Circ sweep. TOOH to run 4 1/2" liner. Last survey @ 16729' MD (12132.1' TVD) 90.9° Inc @ 350.3° Azm. Projected to

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DATE	DAILY REPORTS																											
MAY 22- CONT	bit @ 16780' MD (12131.3' TVD) 90.9° Inc @ 350.3° Azm. <u>Total lateral open hole @ of 4525'</u> . BHA: Bit, Baker 0.27 rpg 1.8° adj mtr, UBHO, Slick NMDC, Flex NMDC, XO. Total BHA: 96.77'. No fluid lost or gained. BG 125 units. CG 150 units. TG 1900 units. DDC \$47,430. TWC \$2,284,318. (GH/LH/SN/LJ)																											
MAY 23 2016	16780' MD (0'). Operation: Running 4 ½" liner. Formation: Shale. MW 13.8, Vis 60, HTHP 5, PV 27, YP 29, Gels 15/34, FC 2/32", Cl 39k, Adj solids 3.7%, Oil 75%, ES 570, DMC \$3,502, TMC \$117,385. Bit #8, Size 6 ⅛", Make Halliburton, Type MM54D (PDC), SN 12769584, Jets 5-18's, In @ 12270', Out @ 16780', Made 4510' in 118 ¼ hrs. PP 500#. (Trip 7, LD dir tools 1, RS ½, Run liner 15 ½ hrs.) Remarks: Day 31. TOO. LD dir tools. Held safety meeting. RU Bull Rogers & run 4 ½" liner w/torque turn. No fluid lost or gained. DCC \$89,499. TCC \$89,499. DDC \$27,359. TDC \$2,311,677. TWC \$2,401,176. (GH/LH/SN/LJ)																											
MAY 24 2016	16780' MD (0'). Operation: LD 4" DP. Formation: Shale. DMC \$2,936, TMC \$120,321. PP 1400#. (Run liner 1, Circ 2 ½, RS ½, Cmt 4 ½, Displace csg 1, Set/test liner hanger 1 ½, LD DP 13 hrs.) Remarks: Day 32. Finish running liner. Circ csg capacity. RS. Cmt liner w/Schlumberger. Set liner hanger. Displaced 7" csg. Test liner hanger LD 4" DP. No fluid lost or gained. EDCC \$39,210. CTCC \$128,709. EDDC \$13,093. CTDC \$2,324,770. ETWC \$2,453,479. AFEC \$6,216,200. (KJ/MM/PN/JN) <table><tr><td>1</td><td>Halliburton Float Shoe</td><td>1.49'</td></tr><tr><td>1</td><td>4 ½" 13.5# P110 LT&C Halliburton Pup Joint</td><td>10.04'</td></tr><tr><td>1</td><td>Halliburton Float Collar</td><td>0.89'</td></tr><tr><td>1</td><td>Halliburton Landing Collar</td><td>1.09'</td></tr><tr><td>126</td><td>4 ½" 13.5# P110 LT&C csg</td><td>5326.25'</td></tr><tr><td>1</td><td>VersaFlex Expandable Liner Hanger Assy @ 11430'</td><td><u>11.92'</u></td></tr><tr><td></td><td>Total</td><td>5351.68'</td></tr><tr><td></td><td>Top of liner @ (MD)</td><td><u>11428.32'</u></td></tr><tr><td></td><td>End of liner set @ (MD)</td><td>16780.00'</td></tr></table> <p>(Note: Received 133 jts of 4 ½" P110 LT&C csg (5622.12' T-off) from Smith Bros - Manufactured by IPSCO Prime. Returned 7 jts of 4 ½" P110 LT&C csg (295.87' T-off) to Smith Bros for credit.)</p> <p>Held safety meeting. Schlumberger cmt w/550 sks Lite Class H (50:50:0) w/0.2% Dispersant, 0.1% Retarder, 0.4% Fluid Loss, 0.2% Antifoam, 2.5% Extender & 0.01gal/sk Retarder (yd @ 1.21 cuft/sk @ 14.5 PPG). Released dart. Displaced w/80 bbls BW. Plug down @ 2:30 P.M. MDT 05/23/16. Pressured up to 6400# to expand liner hanger. Displaced 7" csg w/450 bbls BW. Circ 57 sks of cmt off of liner top to the pit. Pulled 50k# & pushed 40k# to test liner hanger. Tested liner top to 1500# for 15 min, held OK. Released from liner. (Notified Lewisha, operator #18, w/TRRC but did not witness).</p>	1	Halliburton Float Shoe	1.49'	1	4 ½" 13.5# P110 LT&C Halliburton Pup Joint	10.04'	1	Halliburton Float Collar	0.89'	1	Halliburton Landing Collar	1.09'	126	4 ½" 13.5# P110 LT&C csg	5326.25'	1	VersaFlex Expandable Liner Hanger Assy @ 11430'	<u>11.92'</u>		Total	5351.68'		Top of liner @ (MD)	<u>11428.32'</u>		End of liner set @ (MD)	16780.00'
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MAY 25 2016	16780' MD (0'). Operation: Rig released to move. DMC \$838, TMC \$121,159. (LD DP 5, RS ½, RR 3, Trip ½, ND BOPE & Install tbg spool 8, RD 7 hrs.) Remarks: Day 33. RS. LD 4" DP. RR (catwalk). TOO. 10 jts. Held safety meeting w/Man Welding. ND BOPE & NU 11" 5k# x 7 1/16" 10k# tbg spool w/capping flange. Tested tbg spool pack-off to 3500#. LD 10 jts of DP. Rig released to move @ 11:00 P.M. MDT 05/24/16. Start MO Patterson/UTI #220 this A.M. w/Wilbanks Trucking Services to University B20 11 #W101DM. EDCC \$45,174. CTCC \$173,883. EDDC \$43,933. CTDC \$2,368,703. ETWC \$2,542,586. AFEC \$6,216,200. (KJ/MM/PN/JN)																											

MEWBOURNE OIL COMPANY
500 WEST TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

Lease

University B21 5

Well No

W101NC

Location

210' FSL & 2200' FWL

County

Winkler

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Section

TwNShp

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Blk

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API # 42-495-33703

DATE	DAILY REPORTS
MAY 26 2016	Continue MO Patterson/UTI #220 this A.M. w/Wilbanks Trucking Services. CTCC \$173,883. CTDC \$2,368,703. ETWC \$2,542,586. AFEC \$6,216,200. (KJ/MM/PN/JN)
MAY 27 2016	Filling frac pond. CTCC \$173,883. CTDC \$2,368,703. ETWC \$2,542,586. AFEC \$6,216,200. (KJ/MM/PN/JN)
MAY 31 2016	SICP 0#. Loaded backside w/1 bbl. Tested backside for 30 mins w/250#, held OK. MIRU Allied WL & JWS pump truck. RIH w/CCL, GR, CNL & CBL. Pressured csg to 1000# & logged 11500' to surface. Found TOC @ 4650'. SWI. RDMO Allied WL & JWS pump truck. Prep to TCP. Filling frac pond. Cleaned location and set anchors. DCC \$9,790. CTCC \$183,673. CTDC \$2,368,703. ETWC \$2,552,376. AFEC \$6,216,200. (RS/DM)
JUN 01 2016	SICP 0#. MIRU Basic WS. ND 10k capping flange. NU 7 1/16" 5k Hydraulic BOP & 10k adapter flange. Rack & tally 235 jts 2 3/8" PH6 MOC DP & 319 jts 2 7/8" PH6 MOC DP. RIH w/3 3/4" Varel mill tooth bit, bit sub, 235 jts 2 3/8" PH6 DP, XO & 104 jts 2 7/8" PH6 DP to 9366'. SWI & SDFD. EDCC \$22,980. CTCC \$206,653. CTDC \$2,368,703. ETWC \$2,575,356. AFEC \$6,216,200. (PAH)
JUN 02 2016	SICP 0#. Continue RIH w/tbg & tag @ 16549'. MIRU Basic reverse unit & swivel. Washed & rotated to landing collar @ 16766'. Circ hole clean. RDMO Basic reverse unit & swivel. Start POOH to 5753'. SWI & SDFD. EDCC \$6,694. CTCC \$213,347. CTDC \$2,368,703. ETWC \$2,582,050. AFEC \$6,216,200. (PAH)
JUN 03 2016	SICP 0#. Finish POOH. RIH w/TCP guns & DP. Set guns on depth. MIRU Basic pump & pressured up to 3800#. Perforated Wolfcamp @ 16765' (6 holes), 16751' (6 holes), 16727' (6 holes), 16703' (6 holes), 16679' (6 holes), & 16655' (6 holes). Total of 6', 36 holes. Guns loaded @ 0.37" EHD, 21 GC, 43.3" pen & 60° phasing. RDMO Basic reverse unit & swivel. Start LD 2 7/8" DP to 12098'. SWI & SDFD. EDCC \$12,805. CTCC \$226,152. CTDC \$2,368,703. ETWC \$2,594,855. AFEC \$6,216,200. (PAH)
JUN 06 2016	SITP 0#. SICP 150#. Blew well down. Finished LD tbg & guns. All shots fired. ND BOP & NU 10k frac valve (MOC P). Tested frac valve to 8000#, held OK. Tested backside to 250# for 30 mins, held OK. Released all rental equipment. RDMO Basic WS. SWI & SDFD. EDCC \$6,300. CTCC \$232,452. CTDC \$2,368,703. ETWC \$2,601,155. AFEC \$6,216,200. (RS)
JUN 07-21 2016	Filling frac pond. CTCC \$232,452. CTDC \$2,368,703. ETWC \$2,601,155. AFEC \$6,216,200.
JUN 22 2016	MI & set the following: 1 - Hi-Tech 36" x 10' x 1440# 3 phase separator (SN HT3359B) 1 - Azteca 6' x 15' x 125# FWKO (SN MB1626) 1 - Azteca 30" x 10' x 250# 2 phase separator (SN MB1614) 1 - National 6' x 20' x 75# HT (SN #A831) 1 - 3" Crane meter tube (SN 314-0382) 1 - 250" x 1500# EFM (SN T162152745) Laid 2500' of 2 7/8" flow line to tank battery. Installed approximately 1800' of electric power line to location. EDCC \$187,800. CTCC \$420,252. CTDC \$2,368,703. ETWC \$2,788,955. AFEC \$6,216,200. (DM)

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JUN 23 2016	SICP 2430#. Frac stage 1. WL Stage 2. Frac stage 2 @ report time. CTCC \$420,252. CTDC \$2,368,703. ETWC \$2,788,955. AFEC \$6,216,200. (SLC)																																																																																																																																																
JUN 24 2016	SICP 4700#. Frac stage 2 - 4. WL Stage 5. Frac stage 5 @ report time. CTCC \$420,252. CTDC \$2,368,703. ETWC \$2,788,955. AFEC \$6,216,200. (SLC/DB)																																																																																																																																																
JUN 25 2016	SICP 5000#. Frac stages 5 - 7. Frac stage 8 @ report time. CTCC \$420,252. CTDC \$2,368,703. ETWC \$2,788,955. AFEC \$6,216,200. (KM/ZA)																																																																																																																																																
JUN 26 2016	<p>SICP 5000#. Frac stages 8 - 11. WL stage 12 @ report time. CTCC \$420,252. CTDC \$2,368,703. ETWC \$2,788,955. AFEC \$6,216,200. (KM/ZA)</p> <p>SICP 2430#. MIRU Halliburton, Guardian & Motley. Frac Horizontal Wolfcamp w/12171763 gals Slickwater, carrying 7378000# 100 Mesh Sand, 3603750# 40/70 White Sand as follows (planned).</p> <p><u>Stage #1 @ 16765', 16740', 16715', 16690', 16665', 16640'</u></p> <table><tr><th>(Gals)</th><th>Stage Fluid</th><th>PPG</th><th>AIR</th><th>SCP</th><th></th></tr><tr><td>20000</td><td>Slickwater</td><td>0</td><td>30</td><td>8610</td><td></td></tr><tr><td>20000</td><td>Slickwater w/100 Mesh</td><td>0.25</td><td>38</td><td>8175</td><td></td></tr><tr><td>30000</td><td>Slickwater w/100 Mesh</td><td>0.50</td><td>53</td><td>8415</td><td>38000</td></tr><tr><td></td><td>Slickwater w/100 Mesh</td><td>1.00</td><td>64</td><td>8240</td><td>40000</td></tr><tr><td></td><td>Slickwater w/100 Mesh</td><td>1.50</td><td>72</td><td>8325</td><td></td></tr><tr><td>32000</td><td>Slickwater w/100 Mesh</td><td>1.75</td><td>76</td><td>8320</td><td></td></tr><tr><td>32000</td><td>Slickwater w/100 Mesh</td><td>2.00</td><td>80</td><td>8480</td><td>12000</td></tr><tr><td></td><td>Slickwater w/40/70 White</td><td>0.25</td><td>77</td><td>8350</td><td></td></tr><tr><td>32000</td><td>Slickwater w/40/70 White</td><td>0.50</td><td>80</td><td>8350</td><td>36000</td></tr><tr><td></td><td>Slickwater w/40/70 White</td><td>1.00</td><td>80</td><td>8400</td><td></td></tr><tr><td>31000</td><td>Slickwater w/40/70 White</td><td>1.25</td><td>80</td><td>8275</td><td></td></tr><tr><td>15000</td><td>Slickwater w/40/70 White</td><td>1.50</td><td>80</td><td>8600</td><td></td></tr><tr><td>36291</td><td>Slickwater Flush</td><td>0</td><td>80</td><td>8340</td><td></td></tr></table> <p>ISDP 5490#. RIH w/Halliburton 4 ½" 10k ball drop composite plug, 2 ⅜" ball (1.4 SG) & 8 - 1' HP Scallop guns. Cleaned well & pumped guns down w/30201 gals FW @ 7 BPM & 5585#. Set plug @ 16631'. Perforated @ 16622' (1', 6 holes), 16603' (1', 6 holes), 16584' (1', 6 holes), 16565' (1', 6 holes), 16546' (1', 6 holes), 16527' (1', 6 holes), 16508' (1', 6 holes) & 16489' (1', 6 holes). Total 8', 48 holes. Guns loaded @ .39 EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage #2 as follows:</p> <p><u>Stage 2# @ 16622', 16603', 16584', 16565', 16546', 16527', 16508', 16489'</u></p> <table><tr><th>(Gals)</th><th>Stage Fluid</th><th>PPG</th><th>AIR</th><th>SCP</th><th></th></tr><tr><td>20000</td><td>Slickwater</td><td>0</td><td>40</td><td>8705</td><td></td></tr><tr><td>20000</td><td>Slickwater w/100 Mesh</td><td>0.25</td><td>53</td><td>8000</td><td></td></tr><tr><td>30000</td><td>Slickwater w/100 Mesh</td><td>0.50</td><td>66</td><td>8255</td><td></td></tr><tr><td>38000</td><td>Slickwater w/100 Mesh</td><td>1.00</td><td>70</td><td>8240</td><td></td></tr><tr><td>40000</td><td>Slickwater w/100 Mesh</td><td>1.50</td><td>76</td><td>8195</td><td></td></tr><tr><td>32000</td><td>Slickwater w/100 Mesh</td><td>1.75</td><td>77</td><td>8120</td><td></td></tr><tr><td>32000</td><td>Slickwater w/100 Mesh</td><td>2.00</td><td>77</td><td>8110</td><td></td></tr><tr><td>12000</td><td>Slickwater w/40/70 White</td><td>0.25</td><td>77</td><td>8560</td><td></td></tr><tr><td>32000</td><td>Slickwater w/40/70 White</td><td>0.50</td><td>78</td><td>8305</td><td></td></tr></table>	(Gals)	Stage Fluid	PPG	AIR	SCP		20000	Slickwater	0	30	8610		20000	Slickwater w/100 Mesh	0.25	38	8175		30000	Slickwater w/100 Mesh	0.50	53	8415	38000		Slickwater w/100 Mesh	1.00	64	8240	40000		Slickwater w/100 Mesh	1.50	72	8325		32000	Slickwater w/100 Mesh	1.75	76	8320		32000	Slickwater w/100 Mesh	2.00	80	8480	12000		Slickwater w/40/70 White	0.25	77	8350		32000	Slickwater w/40/70 White	0.50	80	8350	36000		Slickwater w/40/70 White	1.00	80	8400		31000	Slickwater w/40/70 White	1.25	80	8275		15000	Slickwater w/40/70 White	1.50	80	8600		36291	Slickwater Flush	0	80	8340		(Gals)	Stage Fluid	PPG	AIR	SCP		20000	Slickwater	0	40	8705		20000	Slickwater w/100 Mesh	0.25	53	8000		30000	Slickwater w/100 Mesh	0.50	66	8255		38000	Slickwater w/100 Mesh	1.00	70	8240		40000	Slickwater w/100 Mesh	1.50	76	8195		32000	Slickwater w/100 Mesh	1.75	77	8120		32000	Slickwater w/100 Mesh	2.00	77	8110		12000	Slickwater w/40/70 White	0.25	77	8560		32000	Slickwater w/40/70 White	0.50	78	8305	
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DATE	DAILY REPORTS				
JUN 26 – CONT	36000	Slickwater w/40/70 White	1.00	80	8245
	31000	Slickwater w/40/70 White	1.25	80	8105
	15000	Slickwater w/40/70 White	1.50	78	8250
	21082	Slickwater Flush	0	72	8075
	ISDP 5585#. RIH w/Halliburton 4 ½" 10k ball drop composite plug, 2 ¾" ball (1.4 SG) & 8 - 1' HP Scallop guns. Cleaned well & pumped guns down w/33262 gals FW @ 7 BPM & 5265#. Set plug @ 16480'. Perforated @ 16472' (1', 6 holes), 16453' (1', 6 holes), 16434' (1', 6 holes), 16415' (1', 6 holes), 16396' (1', 6 holes), 16377' (1', 6 holes), 16358' (1', 6 holes) & 16339' (1', 6 holes). Total 8', 48 holes. Guns loaded @ .39 EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage #3 as follows:				
	Stage 3# @ 16472', 16453', 16434', 16415', 16396', 16377', 16358', 16339'				
	(Gals)	Stage Fluid	PPG	AIR	SCP
	20000	Slickwater	0	29	8410
	20000	Slickwater w/100 Mesh	0.25	38	8360
	30000	Slickwater w/100 Mesh	0.50	52	8150
	38000	Slickwater w/100 Mesh	1.00	66	8120
	40000	Slickwater w/100 Mesh	1.50	69	8230
	32000	Slickwater w/100 Mesh	1.75	70	8185
	32000	Slickwater w/100 Mesh	2.00	70	8340
	12000	Slickwater w/40/70 White	0.25	70	8545
	32000	Slickwater w/40/70 White	0.50	70	8185
	36000	Slickwater w/40/70 White	1.00	70	8070
	31000	Slickwater w/40/70 White	1.25	70	8105
	15000	Slickwater w/40/70 White	1.50	70	8480
	36108	Slickwater Flush	0	65	8105
	ISDP 5640#. RIH w/Halliburton 4 ½" 10k ball drop composite plug, 2 ¾" ball (1.4 SG) & 8 - 1' HP Scallop guns. Cleaned well & pumped guns down w/30900 gals FW @ 7 BPM & 5650#. Set plug @ 16330'. Perforated @ 16321' (1', 6 holes), 16302' (1', 6 holes), 16283' (1', 6 holes), 16264' (1', 6 holes), 16245' (1', 6 holes), 16226' (1', 6 holes), 16207' (1', 6 holes) & 16188' (1', 6 holes). Total 8', 48 holes. Guns loaded @ .39 EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage #4 as follows:				
	Stage 4# @ 16321', 16302', 16283', 16264', 16245', 16226', 16207', 16188'				
	(Gals)	Stage Fluid	PPG	AIR	SCP
	20000	Slickwater	0	50	8490
	20000	Slickwater w/100 Mesh	0.25	61	8450
	30000	Slickwater w/100 Mesh	0.50	71	8025
	38000	Slickwater w/100 Mesh	1.00	74	8290
	40000	Slickwater w/100 Mesh	1.50	74	8460
	32000	Slickwater w/100 Mesh	1.75	72	8480
	32000	Slickwater w/100 Mesh	2.00	70	8605
	12000	Slickwater w/40/70 White	0.25	72	8400
	32000	Slickwater w/40/70 White	0.50	73	8500
	36000	Slickwater w/40/70 White	1.00	73	8460
	31000	Slickwater w/40/70 White	1.25	73	8450
	15000	Slickwater w/40/70 White	1.50	73	8600
	36013	Slickwater Flush	0	70	8420

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ISDP 5805#. RIH w/Halliburton 4 ½" 10k ball drop composite plug, 2 ¾" ball (1.4 SG) & 8 - 1' HP Scallop guns. Cleaned well & pumped guns down w/30519 gals FW @ 7 BPM & 5630#. Set plug @ 16179'. **Perforated @ 16171' (1', 6 holes), 16152' (1', 6 holes), 16133' (1', 6 holes), 16114' (1', 6 holes), 16095' (1', 6 holes), 16076' (1', 6 holes), 16057' (1', 6 holes) & 16038' (1', 6 holes).** Total 8', 48 holes. Guns loaded @ .39 EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage #5 as follows:

Stage 5# @ 16171', 16152', 16133', 16114', 16095', 16076', 16057', 16038'

<u>(Gals)</u>	<u>Stage Fluid</u>	<u>PPG</u>	<u>AIR</u>	<u>SCP</u>
20000	Slickwater	0	45	8315
20000	Slickwater w/100 Mesh	0.25	60	8390
30000	Slickwater w/100 Mesh	0.50	66	8420
38000	Slickwater w/100 Mesh	1.00	70	8345
40000	Slickwater w/100 Mesh	1.50	74	8360
32000	Slickwater w/100 Mesh	1.75	76	8385
32000	Slickwater w/100 Mesh	2.00	71	8525
12000	Slickwater w/40/70 White	0.25	74	8305
32000	Slickwater w/40/70 White	0.50	77	8340
36000	Slickwater w/40/70 White	1.00	79	8360
31000	Slickwater w/40/70 White	1.25	79	8430
15000	Slickwater w/40/70 White	1.50	79	8650
35919	Slickwater Flush	0	79	8295

ISDP 5580#. RIH w/Halliburton 4 ½" 10k ball drop composite plug, 2 ¾" ball (1.4 SG) & 8 - 1' HP Scallop guns. Cleaned well & pumped guns down w/30585 gals FW @ 7 BPM & 5525#. Set plug @ 16029'. **Perforated @ 16020' (1', 6 holes), 16001' (1', 6 holes), 15982' (1', 6 holes), 15963' (1', 6 holes), 15944' (1', 6 holes), 15925' (1', 6 holes), 15903' (1', 6 holes) & 15887' (1', 6 holes).** Total 8', 48 holes. Guns loaded @ .39 EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage 6# as follows:

Stage 6# @ 16020', 16001', 15982', 15963', 15944', 15925', 15903', 15887'

<u>(Gals)</u>	<u>Stage Fluid</u>	<u>PPG</u>	<u>AIR</u>	<u>SCP</u>
20000	Slickwater	0	45	8190
20000	Slickwater w/100 Mesh	0.25	53	7920
30000	Slickwater w/100 Mesh	0.50	66	8225
38000	Slickwater w/100 Mesh	1.00	75	8310
40000	Slickwater w/100 Mesh	1.50	71	8050
32000	Slickwater w/100 Mesh	1.75	73	8130
32000	Slickwater w/100 Mesh	2.00	73	8690
12000	Slickwater w/40/70 White	0.25	75	8340
32000	Slickwater w/40/70 White	0.50	76	8315
36000	Slickwater w/40/70 White	1.00	78	8350
31000	Slickwater w/40/70 White	1.25	78	8365
15000	Slickwater w/40/70 White	1.50	75	8510
35820	Slickwater Flush	0	74	8320

ISDP 5690#. RIH w/Halliburton 4 ½" 10k ball drop composite plug, 2 ¾" ball (1.4 SG) & 8 - 1' HP Scallop guns. Cleaned well & pumped guns down w/29310 gals FW @ 7 BPM & 5600#. Set plug @ 15878'. **Perforated @ 15870' (1', 6 holes), 15851' (1', 6 holes), 15832' (1', 6 holes), 15813' (1', 6 holes), 15794' (1', 6 holes), 15775' (1', 6 holes), 15756' (1', 6 holes) &**

MEWBOURNE OIL COMPANY
500 WEST TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

Lease

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15737' (1', 6 holes). Total 8', 48 holes. Guns loaded @ .39 EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage 7# as follows:

Stage 7# @ 15870', 15851', 15832', 15813', 15794', 15775', 15756', 15737'

(Gals)	Stage Fluid	PPG	AIR	SCP
20000	Slickwater	0	49	8400
20000	Slickwater w/100 Mesh	0.25	65	8430
30000	Slickwater w/100 Mesh	0.50	71	8475
38000	Slickwater w/100 Mesh	1.00	72	8390
40000	Slickwater w/100 Mesh	1.50	76	8550
32000	Slickwater w/100 Mesh	1.75	74	8500
32000	Slickwater w/100 Mesh	2.00	68	8675
12000	Slickwater w/40/70 White	0.25	68	8350
32000	Slickwater w/40/70 White	0.50	71	8415
36000	Slickwater w/40/70 White	1.00	75	8500
31000	Slickwater w/40/70 White	1.25	75	8410
15000	Slickwater w/40/70 White	1.50	72	8650
35726	Slickwater Flush	0	72	8480

ISDP 5820#. RIH w/Halliburton 4 1/2" 10k ball drop composite plug, 2 3/8" ball (1.4 SG) & 8 - 1' HP Scallop guns. Cleaned well & pumped guns down w/29174 gals FW @ 7 BPM & 5720#. Set plug @ 15728'. Perforated @ 15719' (1', 6 holes), 15700' (1', 6 holes), 15681' (1', 6 holes), 15662' (1', 6 holes), 15643' (1', 6 holes), 15624' (1', 6 holes), 15605' (1', 6 holes) & 15586' (1', 6 holes). Total 8', 48 holes. Guns loaded @ .39 EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage 8# as follows:

Stage 8# @ 15719', 15700', 15681', 15662', 15643', 15624', 15605', 15586'

(Gals)	Stage Fluid	PPG	AIR	SCP
20000	Slickwater	0	59	8415
20000	Slickwater w/100 Mesh	0.25	65	8485
30000	Slickwater w/100 Mesh	0.50	69	8500
38000	Slickwater w/100 Mesh	1.00	70	8480
40000	Slickwater w/100 Mesh	1.50	71	8500
32000	Slickwater w/100 Mesh	1.75	70	8250
32000	Slickwater w/100 Mesh	2.00	69	8600
12000	Slickwater w/40/70 White	0.25	71	8375
32000	Slickwater w/40/70 White	0.50	72	8350
36000	Slickwater w/40/70 White	1.00	73	8290
31000	Slickwater w/40/70 White	1.25	75	8350
15000	Slickwater w/40/70 White	1.50	74	8650
35631	Slickwater Flush	0	74	8425

ISDP 5650#. RIH w/Halliburton 4 1/2" 10k ball drop composite plug, 2 3/8" ball (1.4 SG) & 8 - 1' HP Scallop guns. Cleaned well & pumped guns down w/30927 gals FW @ 7 BPM & 5545#. Set plug @ 15577'. Perforated @ 15569' (1', 6 holes), 15550' (1', 6 holes), 15531' (1', 6 holes), 15512' (1', 6 holes), 15493' (1', 6 holes), 15474' (1', 6 holes), 15455' (1', 6 holes) & 15436' (1', 6 holes). Total 8', 48 holes. Guns loaded @ .39 EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage 9# as follows:

MEWBOURNE OIL COMPANY
500 WEST TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

Lease

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Stage 9# @ 15569', 15550', 15531', 15512', 15493', 15474', 15455', 15436'

(Gals)	Stage Fluid	PPG	AIR	SCP
20000	Slickwater	0	47	8260
20000	Slickwater w/100 Mesh	0.25	55	8310
30000	Slickwater w/100 Mesh	0.50	65	8325
38000	Slickwater w/100 Mesh	1.00	68	8320
40000	Slickwater w/100 Mesh	1.50	70	8400
32000	Slickwater w/100 Mesh	1.75	70	8375
32000	Slickwater w/100 Mesh	2.00	68	8640
12000	Slickwater w/40/70 White	0.25	69	8295
32000	Slickwater w/40/70 White	0.50	70	8225
36000	Slickwater w/40/70 White	1.00	73	8320
31000	Slickwater w/40/70 White	1.25	75	8420
15000	Slickwater w/40/70 White	1.50	73	8590
35538	Slickwater Flush	0	73	8390

ISDP 5755#. RIH w/Halliburton 4 ½" 10k ball drop composite plug, 2 ¾" ball (1.4 SG) & 8 - 1' HP Scallop guns. Cleaned well & pumped guns down w/28608 gals FW @ 7 BPM & 5565#. Set plug @ 15427'. **Perforated @ 15418' (1', 6 holes), 15399' (1', 6 holes), 15380' (1', 6 holes), 15361' (1', 6 holes), 15342' (1', 6 holes), 15323' (1', 6 holes), 15304' (1', 6 holes) & 15285' (1', 6 holes).** Total 8', 48 holes. Guns loaded @ .39 EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage 10# as follows:

Stage 10# @ 15418', 15399', 15380', 15361', 15342', 15323', 15304', 15285'

(Gals)	Stage Fluid	PPG	AIR	SCP
20000	Slickwater	0	47	8330
20000	Slickwater w/100 Mesh	0.25	57	8245
30000	Slickwater w/100 Mesh	0.50	63	8230
38000	Slickwater w/100 Mesh	1.00	70	8310
40000	Slickwater w/100 Mesh	1.50	75	8415
32000	Slickwater w/100 Mesh	1.75	77	8470
32000	Slickwater w/100 Mesh	2.00	75	8680
12000	Slickwater w/40/70 White	0.25	74	8375
32000	Slickwater w/40/70 White	0.50	76	8395
36000	Slickwater w/40/70 White	1.00	78	8430
31000	Slickwater w/40/70 White	1.25	80	8605
15000	Slickwater w/40/70 White	1.50	75	8685
35443	Slickwater Flush	0	75	8430

ISDP 5705#. RIH w/Halliburton 4 ½" 10k ball drop composite plug, 2 ¾" ball (1.4 SG) & 8 - 1' HP Scallop guns. Cleaned well & pumped guns down w/30949 gals FW @ 7 BPM & 5670#. Set plug @ 15276'. **Perforated @ 15268' (1', 6 holes), 15249' (1', 6 holes), 15230' (1', 6 holes), 15211' (1', 6 holes), 15192' (1', 6 holes), 15173' (1', 6 holes), 15154' (1', 6 holes) & 15135' (1', 6 holes).** Total 8', 48 holes. Guns loaded @ .39 EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage 11# as follows:

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JUN 26 – CONT	<div>Stage 11# @ 15268', 15249', 15230', 15211', 15192', 15173', 15154', 15135'</div> <table><tr><th>(Gals)</th><th>Stage Fluid</th><th>PPG</th><th>AIR</th><th>SCP</th></tr><tr><td>20000</td><td>Slickwater</td><td>0</td><td>60</td><td>8415</td></tr><tr><td>20000</td><td>Slickwater w/100 Mesh</td><td>0.25</td><td>68</td><td>8475</td></tr><tr><td>30000</td><td>Slickwater w/100 Mesh</td><td>0.50</td><td>72</td><td>8510</td></tr><tr><td>38000</td><td>Slickwater w/100 Mesh</td><td>1.00</td><td>76</td><td>8545</td></tr><tr><td>40000</td><td>Slickwater w/100 Mesh</td><td>1.50</td><td>77</td><td>8560</td></tr><tr><td>32000</td><td>Slickwater w/100 Mesh</td><td>1.75</td><td>78</td><td>8530</td></tr><tr><td>32000</td><td>Slickwater w/100 Mesh</td><td>2.00</td><td>76</td><td>8700</td></tr><tr><td>12000</td><td>Slickwater w/40/70 White</td><td>0.25</td><td>78</td><td>8525</td></tr><tr><td>32000</td><td>Slickwater w/40/70 White</td><td>0.50</td><td>80</td><td>8510</td></tr><tr><td>36000</td><td>Slickwater w/40/70 White</td><td>1.00</td><td>80</td><td>8490</td></tr><tr><td>31000</td><td>Slickwater w/40/70 White</td><td>1.25</td><td>80</td><td>8420</td></tr><tr><td>15000</td><td>Slickwater w/40/70 White</td><td>1.50</td><td>80</td><td>8710</td></tr><tr><td>35349</td><td>Slickwater Flush</td><td>0</td><td>80</td><td>8490</td></tr></table> <p>ISDP 5835#. RIH w/Halliburton 4 ½" 10k ball drop composite plug, 2 ¾" ball (1.4 SG) & 8 - 1' HP Scallop guns. Cleaned well & pumped guns down w/28627 gals FW @ 7 BPM & 5710#. Set plug @ 15126'. Perforated @ 15117' (1', 6 holes), 15098' (1', 6 holes). Became stuck @ 15098'. Pumped on & surged well. Worked fish to 14360'. Pumped guns off @ rope socket (fish consists of rope socket, CCL, 8 perf guns, setting tool & plug, total length 36'). MIRU Pro Petro CT unit. CTCC \$420,252. CTDC \$2,368,703. ETWC \$2,788,955. AFEC \$6,216,200. (KM/ZA)</p>	(Gals)	Stage Fluid	PPG	AIR	SCP	20000	Slickwater	0	60	8415	20000	Slickwater w/100 Mesh	0.25	68	8475	30000	Slickwater w/100 Mesh	0.50	72	8510	38000	Slickwater w/100 Mesh	1.00	76	8545	40000	Slickwater w/100 Mesh	1.50	77	8560	32000	Slickwater w/100 Mesh	1.75	78	8530	32000	Slickwater w/100 Mesh	2.00	76	8700	12000	Slickwater w/40/70 White	0.25	78	8525	32000	Slickwater w/40/70 White	0.50	80	8510	36000	Slickwater w/40/70 White	1.00	80	8490	31000	Slickwater w/40/70 White	1.25	80	8420	15000	Slickwater w/40/70 White	1.50	80	8710	35349	Slickwater Flush	0	80	8490
(Gals)	Stage Fluid	PPG	AIR	SCP																																																																			
20000	Slickwater	0	60	8415																																																																			
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15000	Slickwater w/40/70 White	1.50	80	8710																																																																			
35349	Slickwater Flush	0	80	8490																																																																			
JUN 27 2016	<p>SICP 4900#. MIRU Pro Petro CT unit. RIH w/3.63" OS w/2" grapple, short motor, diverting circ sub, hydraulic disconnect, jars, weight bar, accelerator, BPV, CT connector & 2" CT & tagged fish @ 14333'. Worked onto fish. POOH. Did not recover fish. RIH w/3.63" OS w/2.75" grapple, short motor, diverting circ sub, hydraulic disconnect, jars, weight bar, accelerator, BPV, CT connector & 2" CT & tagged fish @ 14333'. Worked onto fish. POOH. Did not recover fish. WO tools @ report time. EDCC \$37,700. CTCC \$420,252. CTDC \$2,368,703. ETWC \$2,788,955. AFEC \$6,216,200. (NT/ARM/KM/ZA)</p>																																																																						
JUN 28 2016	<p>SICP 4300#. RDMO Pro Petro coil & wait on WL BOP. RDMO Halliburton, Guardian & Motley. Install Oil States 5/16" double WL BOP. MIRU Red Zone CT unit & TTS tools. RIH w/3.63" Diamond cut wash pipe shoe, short motor, diverting circ sub, hydraulic disconnect, jars, weight bar, accelerator, BPV, CT connector & 2" CT & tagged fish @ 14360'. Worked over fish. POOH. Did not recover any wire or fish. RIH w/3 prong gator grab @ report time. EDCC \$426,000. CTCC \$883,982. CTDC \$2,368,703. ETWC \$3,252,685. AFEC \$6,216,200. (NT/ARM/KM/ZA)</p>																																																																						
JUN 29 2016	<p>SICP 4300#. RIH w/3 prong gator grab, fishing motor, diverting circ sub, hydraulic disconnect, jars, weight bar, accelerator, BPV, CT connector & 2" CT & tagged fish @ 14340'. Worked over fish. POOH (did not recover any wire or fish). RIH w/3.63" shoe (ID dressed @ 3.2"), drilling motor, diverting circ sub, hydraulic disconnect, jars, weight bar, accelerator, BPV, CT connector & 2" CT & tagged fish @ 14340'. Worked over fish & washed to 14347' & POOH. Recovered 4' wire. RIH w/3.63" overshot w/2" grapple, short motor, diverting circ sub, hydraulic disconnect, jars, weight bar, accelerator, BPV, CT connector & 2" CT. Could not get overshot through liner top. POOH. Switched from fishing motor to drilling motor. RIH w/3.63" overshot w/2" grapple, drilling motor, diverting circ sub, hydraulic disconnect, jars, weight bar, accelerator, BPV, CT connector & 2" CT. Tagged fish @ 14349'. Pulled 3k over and fish came loose. Started POOH dragging 10k over @ report time. EDCC \$40,000. CTCC</p>																																																																						

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JUN 29- CONT	\$923,982. CTDC \$2,368,703. ETWC \$3,292,685. AFEC \$6,216,200. (NT/ARM)																																																																																	
JUN 30 2016	SICP 4300#. Continue POOH (recovered all of fish). RIH w/3 1/8" TCP guns, hydraulic disconnect, jars, weight bar, accelerator, BPV, coil connector & 2" coil. Could not get guns past 14397'. POOH & LD TCP. RIH w/3.75" JZ bit, drilling motor, G3 agitator, hydraulic disconnect, jars, weight bar, accelerator, BPV, coil connector & 2" CT. Circulated well clean down to Plug #11 @ 15126'. Drilled plug in 12 mins. RIH & tagged Plug #10 @ 15276'. Drilled plug in 16 mins. Continue in hole to 15420'. Circulated hole clean. POOH. RDMO Red Zone Coil tbg & TTS. Prep to frac. EDCC \$83,349. CTCC \$1,007,331. CTDC \$2,368,703. ETWC \$3,376,034. AFEC \$6,216,200. (NT/JWB)																																																																																	
JUL 01-05 2016	Prep to frac. CTCC \$1,007,331. CTDC \$2,368,703. ETWC \$3,376,034. AFEC \$6,216,200.																																																																																	
JUL 06 2016	MIRU Halliburton. Prep to frac this PM. CTCC \$1,007,331. CTDC \$2,368,703. CTWC \$3,376,034. AFEC \$6,216,200.																																																																																	
JUL 07 2016	SICP 4025#. Frac stages 13 - 14. WL stage 15 @ report time. CTCC \$1,007,331. CTDC \$2,368,703. CTWC \$3,376,034. AFEC \$6,216,200. (ZA/KM)																																																																																	
JUL 08 2016	SICP 5105#. Frac stages 15 - 18. WL stage 19. Frac stage 19 @ report time. EDCC \$0. CTCC \$1,007,331. EDDC \$0. CTDC \$2,368,703. CTWC \$3,376,034. AFEC \$6,216,200. (ZA/KM)																																																																																	
JUL 09 2016	SICP 5150#. Frac stages 19-23. WL stage 24 @ report time. EDCC \$0. CTCC \$1,007,331. EDDC \$0. CTDC \$2,368,703. CTWC \$3,376,034. AFEC \$6,216,200. (ZA/KM)																																																																																	
JUL 10 2016	SICP 5560#. Frac stages 24 - 27. WL stage 28 @ report time. EDCC \$0. CTCC \$1,007,331. EDDC \$0. CTDC \$2,368,703. CTWC \$3,376,034. AFEC \$6,216,200. (DB/JJL)																																																																																	
JUL 11 2016	<p>SICP 4025#. Flushed well w/2000 bbls @ 65 BPM & 8550#. RIH w/Halliburton 4 1/2" 10k ball drop composite plug, 2 3/8" ball (1.4 SG) & 7 - 1' HP Scallop guns. Cleaned well & pumped guns down w/6804 gals FW @ 7 BPM & 5700#. Set plug @ 15022'. Perforated @ 14984' (1', 6 holes), 14948' (1', 6 holes), 14929' (1', 6 holes), 14910' (1', 6 holes), 14891' (1', 6 holes), 14872' (1', 6 holes), & 14853' (1', 6 holes). Total 7', 42 holes. Guns loaded @ .39" EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage 13# as follows:</p> <p><u>Stage 13# @ 14984', 14948', 14929', 14910', 14891', 14872', 14853'</u></p> <table><tr><th>(Gals)</th><th>Stage Fluid</th><th>PPG</th><th>AIR</th><th>SCP</th></tr><tr><td>20000</td><td>Slickwater</td><td>0</td><td>47</td><td>8370</td></tr><tr><td>20000</td><td>Slickwater w/100 Mesh</td><td></td><td>0.25</td><td>57</td><td>8135</td></tr><tr><td>30000</td><td>Slickwater w/100 Mesh</td><td></td><td>0.50</td><td>74</td><td>8385</td></tr><tr><td>38000</td><td>Slickwater w/100 Mesh</td><td></td><td>1.00</td><td>80</td><td>8265</td></tr><tr><td>40000</td><td>Slickwater w/100 Mesh</td><td></td><td>1.50</td><td>80</td><td>8180</td></tr><tr><td>32000</td><td>Slickwater w/100 Mesh</td><td></td><td>1.75</td><td>80</td><td>8045</td></tr><tr><td>32000</td><td>Slickwater w/100 Mesh</td><td></td><td>2.00</td><td>80</td><td>8490</td></tr><tr><td>12000</td><td>Slickwater w/40/70 White</td><td></td><td>0.25</td><td>80</td><td>8140</td></tr><tr><td>32000</td><td>Slickwater w/40/70 White</td><td></td><td>0.50</td><td>80</td><td>8020</td></tr><tr><td>36000</td><td>Slickwater w/40/70 White</td><td></td><td>1.00</td><td>80</td><td>7985</td></tr><tr><td>31000</td><td>Slickwater w/40/70 White</td><td></td><td>1.25</td><td>80</td><td>8000</td></tr><tr><td>15000</td><td>Slickwater w/40/70 White</td><td></td><td>1.50</td><td>80</td><td>8410</td></tr><tr><td>35172</td><td>Slickwater Flush</td><td>0</td><td>80</td><td>8190</td></tr></table>	(Gals)	Stage Fluid	PPG	AIR	SCP	20000	Slickwater	0	47	8370	20000	Slickwater w/100 Mesh		0.25	57	8135	30000	Slickwater w/100 Mesh		0.50	74	8385	38000	Slickwater w/100 Mesh		1.00	80	8265	40000	Slickwater w/100 Mesh		1.50	80	8180	32000	Slickwater w/100 Mesh		1.75	80	8045	32000	Slickwater w/100 Mesh		2.00	80	8490	12000	Slickwater w/40/70 White		0.25	80	8140	32000	Slickwater w/40/70 White		0.50	80	8020	36000	Slickwater w/40/70 White		1.00	80	7985	31000	Slickwater w/40/70 White		1.25	80	8000	15000	Slickwater w/40/70 White		1.50	80	8410	35172	Slickwater Flush	0	80	8190
(Gals)	Stage Fluid	PPG	AIR	SCP																																																																														
20000	Slickwater	0	47	8370																																																																														
20000	Slickwater w/100 Mesh		0.25	57	8135																																																																													
30000	Slickwater w/100 Mesh		0.50	74	8385																																																																													
38000	Slickwater w/100 Mesh		1.00	80	8265																																																																													
40000	Slickwater w/100 Mesh		1.50	80	8180																																																																													
32000	Slickwater w/100 Mesh		1.75	80	8045																																																																													
32000	Slickwater w/100 Mesh		2.00	80	8490																																																																													
12000	Slickwater w/40/70 White		0.25	80	8140																																																																													
32000	Slickwater w/40/70 White		0.50	80	8020																																																																													
36000	Slickwater w/40/70 White		1.00	80	7985																																																																													
31000	Slickwater w/40/70 White		1.25	80	8000																																																																													
15000	Slickwater w/40/70 White		1.50	80	8410																																																																													
35172	Slickwater Flush	0	80	8190																																																																														

MEWBOURNE OIL COMPANY
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ISDP 5540#. RIH w/Halliburton 4 1/2" 10k ball drop composite plug, 2 3/8" ball (1.4 SG) & 7 - 1' HP Scallop guns. Cleaned well & pumped guns down w/25895 gals FW @ 8 BPM & 5610#. Set plug @ 14816'. **Perforated @ 14797' (1', 6 holes), 14778' (1', 6 holes), 14756' (1', 6 holes), 14740' (1', 6 holes), 14721' (1', 6 holes), 14702' (1', 6 holes) & 14683' (1', 6 holes).** Total 7', 42 holes. Guns loaded @ .39" EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage 14# as follows:

Stage 14# @ 14797', 14778', 14756', 14740', 14721', 14702', 14683'

(Gals)	Stage Fluid	PPG	AIR	SCP		
20000	Slickwater	0	45	8460		
20000	Slickwater w/100 Mesh			0.25	66	8320
30000	Slickwater w/100 Mesh			0.50	78	8305
38000	Slickwater w/100 Mesh			1.00	80	8130
40000	Slickwater w/100 Mesh			1.50	80	8030
32000	Slickwater w/100 Mesh			1.75	80	7885
32000	Slickwater w/100 Mesh			2.00	80	8315
12000	Slickwater w/40/70 White			0.25	80	7960
32000	Slickwater w/40/70 White			0.50	80	7850
36000	Slickwater w/40/70 White			1.00	80	7805
31000	Slickwater w/40/70 White			1.25	80	7710
15000	Slickwater w/40/70 White			1.50	80	8100
35066	Slickwater Flush	0		80		7950

ISDP 5690#. RIH w/Halliburton 4 1/2" 10k ball drop composite plug, 2 3/8" ball (1.4 SG) & 7 - 1' HP Scallop guns. Cleaned well & pumped guns down w/26624 gals FW @ 8 BPM & 5515#. Set plug @ 14665'. **Perforated @ 14647' (1', 6 holes), 14628' (1', 6 holes), 14609' (1', 6 holes), 14592' (1', 6 holes), 14571' (1', 6 holes), 14552' (1', 6 holes) & 14533' (1', 6 holes).** Total 7', 42 holes. Guns loaded @ .39" EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage 15# as follows:

Stage 15# @ 14647', 14628', 14609', 14592', 14571', 14552', 14533'

(Gals)	Stage Fluid	PPG	AIR	SCP		
20000	Slickwater	0	28	8240		
20000	Slickwater w/100 Mesh			0.25	58	8375
30000	Slickwater w/100 Mesh			0.50	74	8585
38000	Slickwater w/100 Mesh			1.00	75	8510
40000	Slickwater w/100 Mesh			1.50	80	8500
32000	Slickwater w/100 Mesh			1.75	80	8380
32000	Slickwater w/100 Mesh			2.00	80	8510
12000	Slickwater w/40/70 White			0.25	80	8375
32000	Slickwater w/40/70 White			0.50	80	8180
36000	Slickwater w/40/70 White			1.00	80	8125
31000	Slickwater w/40/70 White			1.25	70	8650
15000	Slickwater w/40/70 White			1.50	44	8635
34972	Slickwater Flush	0		65		7715

ISDP 5605#. RIH w/Halliburton 4 1/2" 10k ball drop composite plug, 2 3/8" ball (1.4 SG) & 7 - 1' HP Scallop guns. Cleaned well & pumped guns down w/25480 gals FW @ 8 BPM & 5480#. Set plug @ 14515'. **Perforated @ 14496' (1', 6 holes), 14477' (1', 6 holes), 14458' (1', 6**

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holes), 14439' (1', 6 holes), 14420' (1', 6 holes), 14401' (1', 6 holes), 14382' (1', 6 holes). Total 7', 42 holes. Guns loaded @ .39" EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage 16# as follows:

Stage 16# @ 14496', 14477', 14458', 14439', 14420', 14401', 14382'

(Gals)	Stage Fluid	PPG	AIR	SCP	
20000	Slickwater	0	40	8415	
20000	Slickwater w/100 Mesh		0.25	60	8350
30000	Slickwater w/100 Mesh		0.50	71	8410
38000	Slickwater w/100 Mesh		1.00	75	8335
40000	Slickwater w/100 Mesh		1.50	80	8430
32000	Slickwater w/100 Mesh		1.75	80	8125
32000	Slickwater w/100 Mesh		2.00	80	8450
12000	Slickwater w/40/70 White		0.25	80	8040
32000	Slickwater w/40/70 White		0.50	80	7915
36000	Slickwater w/40/70 White		1.00	80	7875
31000	Slickwater w/40/70 White		1.25	73	7490
15000	Slickwater w/40/70 White		1.50	73	8000
34878	Slickwater Flush	0	73	7850	

ISDP 5630#. RIH w/Halliburton 4 ½" 10k ball drop composite plug, 2 ¾" ball (1.4 SG) & 6 - 1' HP Scallop guns. Cleaned well & pumped guns down w/24588 gals FW @ 8 BPM & 5440#. Set plug @ 14355'. **Perforated @ 14326' (1', 6 holes), 14308' (1', 6 holes), 14288' (1', 6 holes), 14270' (1', 6 holes), 14250' (1', 6 holes), 14232' (1', 6 holes).** Total 6', 36 holes. Guns loaded @ .39" EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage 17# as follows:

Stage 17# @ 14326', 14308', 14288', 14270', 14250', 14232'

(Gals)	Stage Fluid	PPG	AIR	SCP	
20000	Slickwater	0	43	8560	
20000	Slickwater w/100 Mesh		0.25	57	8285
30000	Slickwater w/100 Mesh		0.50	73	8380
38000	Slickwater w/100 Mesh		1.00	80	8230
40000	Slickwater w/100 Mesh		1.50	80	8185
32000	Slickwater w/100 Mesh		1.75	80	8155
32000	Slickwater w/100 Mesh		2.00	80	8480
12000	Slickwater w/40/70 White		0.25	80	8230
32000	Slickwater w/40/70 White		0.50	80	8090
36000	Slickwater w/40/70 White		1.00	80	8000
31000	Slickwater w/40/70 White		1.25	80	7950
15000	Slickwater w/40/70 White		1.50	80	8315
34784	Slickwater Flush	0	80	8105	

ISDP 5680#. RIH w/Halliburton 4 ½" 10k ball drop composite plug, 2 ¾" ball (1.4 SG) & 6 - 1' HP Scallop guns. Cleaned well & pumped guns down w/23066 gals FW @ 7 BPM & 5475#. Set plug @ 14204'. **Perforated @ 14176' (1', 6 holes), 14157' (1', 6 holes), 14138' (1', 6 holes), 14119' (1', 6 holes), 14100' (1', 6 holes) & 14081' (1', 6 holes).** Total 6', 36 holes. Guns loaded @ .39" EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage 18# as follows:

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Stage 18# @ 14176', 14157', 14138', 14119', 14100', 14081'

(Gals)	Stage Fluid	PPG	AIR	SCP
20000	Slickwater	0	48	8475
20000	Slickwater w/100 Mesh		0.25	74 8375
30000	Slickwater w/100 Mesh		0.50	77 8180
38000	Slickwater w/100 Mesh		1.00	80 8145
40000	Slickwater w/100 Mesh		1.50	80 8110
32000	Slickwater w/100 Mesh		1.75	80 8025
32000	Slickwater w/100 Mesh		2.00	80 8410
12000	Slickwater w/40/70 White		0.25	80 8075
32000	Slickwater w/40/70 White		0.50	80 7850
36000	Slickwater w/40/70 White		1.00	80 7790
31000	Slickwater w/40/70 White		1.25	80 7695
15000	Slickwater w/40/70 White		1.50	80 8075
34690	Slickwater Flush	0	80	7905

ISDP 5890#. RIH w/Halliburton 4 1/2" 10k ball drop composite plug, 2 3/8" ball (1.4 SG) & 6 - 1' HP Scallop guns. Cleaned well & pumped guns down w/22888 gals FW @ 7 BPM & 5424#. Set plug @ 14053'. **Perforated @ 14026' (1', 6 holes), 14006' (1', 6 holes), 13988' (1', 6 holes), 13968' (1', 6 holes), 13949' (1', 6 holes) & 13930' (1', 6 holes).** Total 6', 36 holes. Guns loaded @ .39" EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage 19# as follows:

Stage 19# @ 14026', 14006', 13988', 13968', 13949', 13930'

(Gals)	Stage Fluid	PPG	AIR	SCP
20000	Slickwater	0	41	8385
20000	Slickwater w/100 Mesh		0.25	60 8080
30000	Slickwater w/100 Mesh		0.50	70 8105
38000	Slickwater w/100 Mesh		1.00	80 8320
40000	Slickwater w/100 Mesh		1.50	80 8160
32000	Slickwater w/100 Mesh		1.75	80 8005
32000	Slickwater w/100 Mesh		2.00	80 8350
12000	Slickwater w/40/70 White		0.25	80 8150
32000	Slickwater w/40/70 White		0.50	80 8010
36000	Slickwater w/40/70 White		1.00	80 7970
31000	Slickwater w/40/70 White		1.25	80 7920
15000	Slickwater w/40/70 White		1.50	80 8270
34596	Slickwater Flush	0	80	8095

ISDP 5670#. RIH w/Halliburton 4 1/2" 10k ball drop composite plug, 2 3/8" ball (1.4 SG) & 6 - 1' HP Scallop guns. Cleaned well & pumped guns down w/24264 gals FW @ 8 BPM & 5475#. Set plug @ 13903'. **Perforated @ 13875' (1', 6 holes), 13856' (1', 6 holes), 13837' (1', 6 holes), 13818' (1', 6 holes), 13799' (1', 6 holes), 13780' (1', 6 holes).** Total 6', 36 holes. Guns loaded @ .39" EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage 20# as follows:

Stage 20# @ 13875', 13856', 13837', 13818', 13799', 13780'

(Gals)	Stage Fluid	PPG	AIR	SCP
20000	Slickwater	0	47	8235

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JUL 11-CONT	20000	Slickwater w/100 Mesh	0.25	59	8100	
	30000	Slickwater w/100 Mesh	0.50	77	8350	
	38000	Slickwater w/100 Mesh	1.00	80	8140	
	40000	Slickwater w/100 Mesh	1.50	80	7965	
	32000	Slickwater w/100 Mesh	1.75	80	7945	
	32000	Slickwater w/100 Mesh	2.00	80	8340	
	12000	Slickwater w/40/70 White	0.25	80	7910	
	32000	Slickwater w/40/70 White	0.50	80	7825	
	36000	Slickwater w/40/70 White	1.00	80	7735	
	31000	Slickwater w/40/70 White	1.25	80	7680	
	15000	Slickwater w/40/70 White	1.50	80	8000	
	34501	Slickwater Flush	0	80	7785	
	ISDP 5620#. RIH w/Halliburton 4 ½" 10k ball drop composite plug, 2 ¾" ball (1.4 SG) & 6 - 1' HP Scallop guns. Cleaned well & pumped guns down w/21901 gals FW @ 8 BPM & 5445#. Set plug @ 13752'. Perforated @ 13724' (1', 6 holes), 13706' (1', 6 holes), 13686' (1', 6 holes), 13668' (1', 6 holes), 13646' (1', 6 holes), 13630' (1', 6 holes). Total 6', 36 holes. Guns loaded @ .39" EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage 21# as follows:					
	Stage 21# @ 13724', 13706', 13686', 13668', 13646', 13630'					
	(Gals)	Stage Fluid	PPG	AIR	SCP	
	20000	Slickwater	0	59	8155	
	20000	Slickwater w/100 Mesh	0.25	71	8075	
	30000	Slickwater w/100 Mesh	0.50	80	8100	
	38000	Slickwater w/100 Mesh	1.00	80	8025	
	40000	Slickwater w/100 Mesh	1.50	80	7715	
	32000	Slickwater w/100 Mesh	1.75	80	7585	
	32000	Slickwater w/100 Mesh	2.00	80	7980	
	12000	Slickwater w/40/70 White	0.25	80	7730	
	32000	Slickwater w/40/70 White	0.50	80	7590	
	36000	Slickwater w/40/70 White	1.00	80	7480	
	31000	Slickwater w/40/70 White	1.25	80	7460	
	15000	Slickwater w/40/70 White	1.50	80	7920	
	34407	Slickwater Flush	0	80	7740	
	ISDP 5595#. RIH w/Halliburton 4 ½" 10k ball drop composite plug, 2 ¾" ball (1.4 SG) & 6 - 1' HP Scallop guns. Cleaned well & pumped guns down w/22689 gals FW @ 7 BPM & 5495#. Set plug @ 13602'. Perforated @ 13574' (1', 6 holes), 13555' (1', 6 holes), 13536' (1', 6 holes), 13517' (1', 6 holes), 13498' (1', 6 holes), & 13476' (1', 6 holes). Total 6', 36 holes. Guns loaded @ .39" EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage 22# as follows:					
	Stage 22# @ 13574', 13555', 13536', 13517', 13498', 13476'					
	(Gals)	Stage Fluid	PPG	AIR	SCP	
	20000	Slickwater	0	50	8330	
	20000	Slickwater w/100 Mesh	0.25	69	8375	
	30000	Slickwater w/100 Mesh	0.50	78	8315	
	38000	Slickwater w/100 Mesh	1.00	80	8140	
	40000	Slickwater w/100 Mesh	1.50	80	7920	

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JUL 11-CONT	32000	Slickwater w/100 Mesh	1.75	80	7940	
	32000	Slickwater w/100 Mesh	2.00	80	8325	
	12000	Slickwater w/40/70 White	0.25	80	8085	
	32000	Slickwater w/40/70 White	0.50	80	7920	
	36000	Slickwater w/40/70 White	1.00	80	7850	
	31000	Slickwater w/40/70 White	1.25	80	7805	
	15000	Slickwater w/40/70 White	1.50	80	8260	
	34313	Slickwater Flush	0	80	8090	
	ISDP 5745#. RIH w/Halliburton 4 ½" 10k ball drop composite plug, 2 ¾" ball (1.4 SG) & 6 - 1' HP Scallop guns. Cleaned well & pumped guns down w/22133 gals FW @ 7 BPM & 5625#. Set plug @ 13451'. Perforated @ 13424' (1', 6 holes), 13404' (1', 6 holes), 13386' (1', 6 holes), 13366' (1', 6 holes), 13348' (1', 6 holes), & 13328' (1', 6 holes). Total 6', 36 holes. Guns loaded @ .39" EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage 23# as follows:					
	Stage 23# @ 13424', 13404', 13386', 13366', 13348', 13328'					
	<u>(Gals)</u>	<u>Stage Fluid</u>	<u>PPG</u>	<u>AIR</u>	<u>SCP</u>	
	20000	Slickwater	0	48	8505	
	20000	Slickwater w/100 Mesh	0.25	57	8395	
	30000	Slickwater w/100 Mesh	0.50	68	8370	
	38000	Slickwater w/100 Mesh	1.00	78	8320	
	40000	Slickwater w/100 Mesh	1.50	80	8050	
	32000	Slickwater w/100 Mesh	1.75	80	7950	
	32000	Slickwater w/100 Mesh	2.00	80	8330	
	12000	Slickwater w/40/70 White	0.25	80	8090	
	32000	Slickwater w/40/70 White	0.50	80	7940	
	36000	Slickwater w/40/70 White	1.00	80	7820	
	31000	Slickwater w/40/70 White	1.25	80	7750	
	15000	Slickwater w/40/70 White	1.50	80	8290	
	34219	Slickwater Flush	0	80	8020	
	ISDP 5755#. RIH w/Halliburton 4 ½" 10k ball drop composite plug, 2 ¾" ball (1.4 SG) & 6 - 1' HP Scallop guns. Cleaned well & pumped guns down w/26365 gals FW @ 7 BPM & 5615#. Set plug @ 13301'. Perforated @ 13273' (1', 6 holes), 13254' (1', 6 holes), 13235' (1', 6 holes), 13216' (1', 6 holes), 13197' (1', 6 holes), & 13178' (1', 6 holes). Total 6', 36 holes. Guns loaded @ .39" EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage 24# as follows:					
	Stage 24# @ 13273', 13254', 13235', 13216', 13197', 13178'					
	<u>(Gals)</u>	<u>Stage Fluid</u>	<u>PPG</u>	<u>AIR</u>	<u>SCP</u>	
	20000	Slickwater	0	38	8120	
	20000	Slickwater w/100 Mesh	0.25	54	8390	
	30000	Slickwater w/100 Mesh	0.50	66	8415	
	38000	Slickwater w/100 Mesh	1.00	80	8295	
	40000	Slickwater w/100 Mesh	1.50	80	8240	
	32000	Slickwater w/100 Mesh	1.75	80	8160	
	32000	Slickwater w/100 Mesh	2.00	80	8620	
	12000	Slickwater w/40/70 White	0.25	80	8235	
	32000	Slickwater w/40/70 White	0.50	80	8105	

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DATE	DAILY REPORTS					
JUL 11-CONT	36000	Slickwater w/40/70 White	1.00	80	8075	
	31000	Slickwater w/40/70 White	1.25	80	7980	
	15000	Slickwater w/40/70 White	1.50	80	8000	
	34124	Slickwater Flush	0	80	8260	
	ISDP 5815#. RIH w/Halliburton 4 1/2" 10k ball drop composite plug, 2 3/8" ball (1.4 SG) & 6 - 1' HP Scallop guns. Cleaned well & pumped guns down w/21608 gals FW @ 8 BPM & 5650#. Set plug @ 13150'. Perforated @ 13122' (1', 6 holes), 13104' (1', 6 holes), 13084' (1', 6 holes), 13066' (1', 6 holes), 13046' (1', 6 holes), 13028' (1', 6 holes). Total 6', 36 holes. Guns loaded @ .39" EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage 25# as follows:					
	Stage 25# @ 13122', 13104', 13084', 13066', 13046', 13028'					
	(Gals)	Stage Fluid	PPG	AIR	SCP	
	20000	Slickwater	0	44	8270	
	20000	Slickwater w/100 Mesh	0.25	57	8315	
	30000	Slickwater w/100 Mesh	0.50	67	8305	
	38000	Slickwater w/100 Mesh	1.00	80	8275	
	40000	Slickwater w/100 Mesh	1.50	80	8220	
	32000	Slickwater w/100 Mesh	1.75	80	7950	
	32000	Slickwater w/100 Mesh	2.00	80	8340	
	12000	Slickwater w/40/70 White	0.25	80	8105	
	32000	Slickwater w/40/70 White	0.50	73	7550	
	36000	Slickwater w/40/70 White	1.00	73	7605	
	31000	Slickwater w/40/70 White	1.25	73	7560	
	15000	Slickwater w/40/70 White	1.50	73	7480	
	33031	Slickwater Flush	0	73	8100	
	ISDP 5918#. RIH w/Halliburton 4 1/2" 10k ball drop composite plug, 2 3/8" ball (1.4 SG) & 6 - 1' HP Scallop guns. Cleaned well & pumped guns down w/21095 gals FW @ 6 BPM & 5425#. Set plug @ 13000'. Perforated @ 12972' (1', 6 holes), 12953' (1', 6 holes), 12934' (1', 6 holes), 12915' (1', 6 holes), 12896' (1', 6 holes), 12877' (1', 6 holes). Total 6', 36 holes. Guns loaded @ .39" EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage 26# as follows:					
	Stage 26# @ 12972', 12953', 12934', 12915', 12896', 12877'					
	(Gals)	Stage Fluid	PPG	AIR	SCP	
	20000	Slickwater	0	34	8400	
	20000	Slickwater w/100 Mesh	0.25	48	8375	
	30000	Slickwater w/100 Mesh	0.50	55	8345	
	38000	Slickwater w/100 Mesh	1.00	67	8395	
	40000	Slickwater w/100 Mesh	1.50	77	8185	
	32000	Slickwater w/100 Mesh	1.75	80	8000	
	32000	Slickwater w/100 Mesh	2.00	80	8175	
	12000	Slickwater w/40/70 White	0.25	80	8080	
	32000	Slickwater w/40/70 White	0.50	78	7905	
	36000	Slickwater w/40/70 White	1.00	80	7860	
	31000	Slickwater w/40/70 White	1.25	80	7820	
	15000	Slickwater w/40/70 White	1.50	80	7875	
	33936	Slickwater Flush	0	80	8105	

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ISDP 5960#. RIH w/Halliburton 4 1/2" 10k ball drop composite plug, 2 3/8" ball (1.4 SG) & 6 - 1' HP Scallop guns. Cleaned well & pumped guns down w/19940 gals FW @ 6 BPM & 5530#. Set plug @ 12849'. **Perforated @ 12822' (1', 6 holes), 12799' (1', 6 holes), 12784' (1', 6 holes), 12764' (1', 6 holes), 12746' (1', 6 holes), 12726' (1', 6 holes).** Total 6', 36 holes. Guns loaded @ .39" EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage 27# as follows:

Stage 27# @ 12822', 12799', 12784', 12764', 12746', 12726'

(Gals)	Stage Fluid	PPG	AIR	SCP		
20000	Slickwater	0	25	8750		
20000	Slickwater w/100 Mesh			0.25	37	8540
30000	Slickwater w/100 Mesh			0.50	60	8500
38000	Slickwater w/100 Mesh			1.00	77	8500
40000	Slickwater w/100 Mesh			1.50	80	8170
32000	Slickwater w/100 Mesh			1.75	80	8030
32000	Slickwater w/100 Mesh			2.00	80	8425
12000	Slickwater w/40/70 White			0.25	80	8220
32000	Slickwater w/40/70 White			0.50	80	8100
36000	Slickwater w/40/70 White			1.00	80	7960
31000	Slickwater w/40/70 White			1.25	80	7865
15000	Slickwater w/40/70 White			1.50	80	8210
33842	Slickwater Flush	0		80	8060	

ISDP 5805#. RIH w/Halliburton 4 1/2" 10k ball drop composite plug, 2 3/8" ball (1.4 SG) & 6 - 1' HP Scallop guns. Cleaned well & pumped guns down w/19562 gals FW @ 6 BPM & 5510#. Set plug @ 12699'. **Perforated @ 12671' (1', 6 holes), 12652' (1', 6 holes), 12633' (1', 6 holes), 12614' (1', 6 holes), 12595' (1', 6 holes), 12576' (1', 6 holes).** Total 6', 36 holes. Guns loaded @ .39" EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage 28# as follows:

Stage 28# @ 12671', 12652', 12633', 12614', 12595', 12576'

(Gals)	Stage Fluid	PPG	AIR	SCP		
20000	Slickwater	0	37	8540		
20000	Slickwater w/100 Mesh			0.25	65	8550
30000	Slickwater w/100 Mesh			0.50	80	8500
38000	Slickwater w/100 Mesh			1.00	80	8425
40000	Slickwater w/100 Mesh			1.50	80	7700
32000	Slickwater w/100 Mesh			1.75	80	7450
32000	Slickwater w/100 Mesh			2.00	80	7940
12000	Slickwater w/40/70 White			0.25	80	7700
32000	Slickwater w/40/70 White			0.50	80	7600
36000	Slickwater w/40/70 White			1.00	80	7540
31000	Slickwater w/40/70 White			1.25	80	7550
15000	Slickwater w/40/70 White			1.50	80	7845
33749	Slickwater Flush	0		80	7560	

ISDP 5748#. RIH w/Halliburton 4 1/2" 10k ball drop composite plug, 2 3/8" ball (1.4 SG) & 6 - 1' HP Scallop guns. Cleaned well & pumped guns down w/19384 gals FW @ 6 BPM & 5370#. Set plug @ 12550'. **Perforated @ 12520' (1', 6 holes), 12499' (1', 6 holes), 12482' (1', 6**

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holes), 12464' (1', 6 holes), 12444' (1', 6 holes), 12426' (1', 6 holes). Total 6', 36 holes. Guns loaded @ .39" EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage 29# as follows:

Stage 29# @ 12520', 12499', 12482', 12464', 12444', 12426'

(Gals)	Stage Fluid	PPG	AIR	SCP		
20000	Slickwater	0	29	8410		
20000	Slickwater w/100 Mesh			0.25	58	8155
30000	Slickwater w/100 Mesh			0.50	72	8180
38000	Slickwater w/100 Mesh			1.00	80	8080
40000	Slickwater w/100 Mesh			1.50	80	7775
32000	Slickwater w/100 Mesh			1.75	80	7605
32000	Slickwater w/100 Mesh			2.00	80	7550
12000	Slickwater w/40/70 White			0.25	80	7860
32000	Slickwater w/40/70 White			0.50	80	7765
36000	Slickwater w/40/70 White			1.00	80	7650
31000	Slickwater w/40/70 White			1.25	75	7325
15000	Slickwater w/40/70 White			1.50	80	7590
33654	Slickwater Flush	0		80	7760	

ISDP 5862#. RIH w/Halliburton 4 ½" 10k ball drop composite plug, 2 ¾" ball (1.4 SG) & 6 - 1' HP Scallop guns. Cleaned well & pumped guns down w/19164 gals FW @ 6 BPM & 5400#. Set plug @ 12398'. **Perforated @ 12370' (1', 6 holes), 12351' (1', 6 holes), 12332' (1', 6 holes), 12313' (1', 6 holes), 12294' (1', 6 holes), 12275' (1', 6 holes).** Total 6', 36 holes. Guns loaded @ .39" EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage 30# as follows:

Stage 30# @ 12370', 12351', 12332', 12313', 12294', 12275'

(Gals)	Stage Fluid	PPG	AIR	SCP		
20000	Slickwater	0	39	8460		
20000	Slickwater w/100 Mesh			0.25	58	8200
30000	Slickwater w/100 Mesh			0.50	68	8155
38000	Slickwater w/100 Mesh			1.00	78	8125
40000	Slickwater w/100 Mesh			1.50	78	7930
32000	Slickwater w/100 Mesh			1.75	75	7520
32000	Slickwater w/100 Mesh			2.00	75	7530
12000	Slickwater w/40/70 White			0.25	75	7820
32000	Slickwater w/40/70 White			0.50	75	7755
36000	Slickwater w/40/70 White			1.00	75	7630
31000	Slickwater w/40/70 White			1.25	75	7575
15000	Slickwater w/40/70 White			1.50	78	7720
33559	Slickwater Flush	0		78	8045	

ISDP 5750#. RIH w/Halliburton 4 ½" 10k ball drop composite plug, 2 ¾" ball (1.4 SG) & 6 - 1' HP Scallop guns. Cleaned well & pumped guns down w/18951 gals FW @ 6 BPM & 5700#. Set plug @ 12250'. **Perforated @ 12220' (1', 6 holes), 12200' (1', 6 holes), 12182' (1', 6 holes), 12158' (1', 6 holes), 12144' (1', 6 holes), 12124' (1', 6 holes).** Total 6', 36 holes. Guns loaded @ .39" EHD, 19 GC, 38" pen, 60° phasing. POOH. All guns fired. Frac stage 31 # as follows:

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Stage 31# @ 12220', 12200', 12182', 12158', 12144', 12124'

(Gals)	Stage Fluid	PPG	AIR	SCP		
10000	Slickwater	0	20	8780		
10000	Slickwater w/100 Mesh			0.25	28	8540
15000	Slickwater w/100 Mesh			0.50	53	8390
19000	Slickwater w/100 Mesh			1.00	77	8180
20000	Slickwater w/100 Mesh			1.50	80	7660
16000	Slickwater w/100 Mesh			1.75	80	7490
16000	Slickwater w/100 Mesh			2.00	80	7730
6000	Slickwater w/40/70 White			0.25	80	7645
16000	Slickwater w/40/70 White			0.50	80	7550
18000	Slickwater w/40/70 White			1.00	80	7430
15500	Slickwater w/40/70 White			1.25	80	7345
7500	Slickwater w/40/70 White			1.50	77	7480
20000	Slickwater Flush	0		72	6795	
10000	Slickwater	0	69	8425		
10000	Slickwater w/100 Mesh			0.25	68	8225
15000	Slickwater w/100 Mesh			0.50	72	8320
19000	Slickwater w/100 Mesh			1.00	71	8020
20000	Slickwater w/100 Mesh			1.50	77	8130
16000	Slickwater w/100 Mesh			1.75	76	7800
16000	Slickwater w/100 Mesh			2.00	78	7765
6000	Slickwater w/40/70 White			0.25	78	7660
16000	Slickwater w/40/70 White			0.50	78	7565
18000	Slickwater w/40/70 White			1.00	79	7415
15500	Slickwater w/40/70 White			1.25	79	7314
7500	Slickwater w/40/70 White			1.50	79	7460
33000	Slickwater Flush	0		78	7520	

ISDP 5725#. 5 min 5340#, 10 min 5280#, 15 min 5245#. AIR 70 BPM. ASCP 8085#.
(284779 BLWTR). **Frac Horizontal Wolfcamp w/7613482 gals Slickwater, carrying
4508300# 100 Mesh Sand & 2202736# 40/70 White Sand.** RDMO Halliburton, Guardian &
Motley. EDCC \$ 1,715,419. CTCC \$2,722,750 CTDC \$2,368,703. ETWC \$3,376,034.
AFEC \$6,216,200. (DB/SLC)