

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

Lease

University B21 5

Well No

W101MD

Location

130' FSL & 467' FWL

County

Winkler

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TwNShp

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API # 42-495-33589

DATE	DAILY REPORTS
JUN 25 2014	Staked location 130' FSL & 467' FWL, Sec 5, Blk 21, Winkler County, Texas. Moved location from original calls 185' FSL & 467' FWL 55' South due to pipeline. (BLS)
NOV 25-30 2014	Building location. (BLS)
DEC 01-05 2014	Building location. (BLS)
DEC 08 2014	Location complete. (BLS)
OCT 24 2015	MI Ready Drill & drill ratholes. Set 80' of 20" conductor pipe & cmt to surface w/Redi-mix. (LH/GH/SN/JN)
OCT 27 2015	Start MI Patterson/UTI #220 w/Brantley Trucking this A.M. DDC \$0. TDC \$100,000. TWC \$100,000. (MM/LB/PN/SP)
OCT 28 2015	MIRU Patterson/UTI #220. 10% Moved in. 0% Rigged up. Move Day 1. DDC \$0. TDC \$100,000. TWC \$100,000. (MM/LB/PN/SP)
OCT 29 2015	MIRU Patterson/UTI #220. 50% Moved in. 25% Rigged up. Move Day 2. DDC \$0. TDC \$100,000. TWC \$100,000. (MM/LB/PN/SP)
OCT 30 2015	MIRU Patterson/UTI #220. 100% Moved in. 60% Rigged up. Move Day 3. DDC \$0. TDC \$100,000. TWC \$100,000. (MM/LB/PN/SP)
OCT 31 2015	MIRU Patterson/UTI #220. 100% Moved in. 75% Rigged up. Move Day 4. DDC \$0. TDC \$100,000. TWC \$100,000. (MM/LB/PN/SP)
NOV 01 2015	MIRU Patterson/UTI #220. 100% Moved in. 95% Rigged up. Repair top drive. Move Day 5. DDC \$0. TDC \$100,000. TWC \$100,000. (MM/LB/PN/SP)
NOV 02 2015	300' (220'). Operation: Drlg. Formation: Surface rock. Dev @ 235' - 0.7°. MW 8.4, Vis 32, pH 10, Cl 3000, Ca 600, Solids <1%, DMC \$0, TMC \$0. Bit #1, Size 17 ½", Make STC, Type SDi519 (PDC), SN JK5576, Jets 6-16's, In @ 80', Made 220' in 4 ¾ hrs. PP 300#, RPM 80, WOB 20k, PR 46.3. (Drlg 4 ¾, Surv ¼, RU 13, Mix spud mud & PU BHA 6 hrs.) Remarks: Day 1. Finish RU. Mix spud mud & PU BHA. Spudded well w/Patterson/UTI #220 @ 1:00 P.M. MST 11/01/15 (Notified Brenda w/TRRC). Drlg from 80' to 300' w/survey. BHA: Bit, Bit sub, Shock sub, 1-8" DC, Roller reamer, 2-8" DC's, XO, 7-6" DC's. Total BHA: 330.09'. No fluid lost or gained. DDC \$340,391. TWC \$440,391. (MM/LB/PN/SP)
NOV 03 2015	464' (164'). Operation: NU BOPE. Formation: Anhy. MW 9.0, Vis 33, pH 10, Cl 2000, Ca 1200, Solids 4.9%, DMC \$3,293, TMC \$3,293. Bit #1, Size 17 ½", Make STC, Type SDi519 (PDC), SN JK5576, Jets 6-16's, In @ 80', Out @ 464', Made 384' in 6 ¾ hrs. PP 300#, RPM 80, WOB 20k, PR 82.0. (Drlg 2, Circ 1, Trip 2, Run csg 3, Cmt 3, WOC 12, NU BOPE 1 hrs.) Remarks: Day 2. Drlg from 300' to 464'. Circ sweep. TOOH. Held safety meeting. RU Bull Rogers & run 13 ⅝" csg. Circ. RU Baker & cmt 13 ⅝" csg. WOC. Weld on 13 ⅝" SOW x 13 ⅝" 3k# wellhead w/base plate. Tested wellhead to 800#. NU BOPE w/Man Welding. No fluid lost or gained. DDC \$78,924. TWC \$519,315. (GH/LH/PN/SP)
	1 Weatherford TPGS 0.85'
	1 13 ⅝" 54.5# J55 ST&C Csg 39.70'
	1 Weatherford Float Collar 1.48'

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NOV 03 (CONT)	11	13 3⁄8" 54.5# J55 ST&C Csg Total Less above KB Csg set @	425.90' 467.93' 3.93' 464.00'
		(Note: Received 13 jts of 13 3⁄8" 54.5# J55 ST&C csg (504.63' T-off) from WB Supply - Manufactured by Hall Longmore. Returned 1 jt of 13 3⁄8" 54.5# J55 ST&C csg (39.03' T-off) & 1 cutoff jt of 13 3⁄8" 54.5# J55 ST&C csg (36.58') to WB Supply for credit.)	
		Held safety meeting. Baker cmt w/500 sks Class C w/2% CaCl ₂ (yd @ 1.34 cuft/sk @ 14.8 PPG). Plug down @ 3:45 P.M. MST 11/02/15. Circ 130 sks of cmt to the pit. (Notified Brenda, operator #13, w/TRRC but did not witness.)	
NOV 04 2015		1493' (1029'). Operation: Drlg w/motor & MWD. Formation: Salt - Anhy. Dev @ 542' - 0.5°, @ 971' - 2.1°. MW 9.6, Vis 30, pH 10.5, Cl 159k, Ca 1600, Solids <1%, DMC \$225, TMC \$3,518. Bit #2, Size 12 1⁄4", Make Ulterra, Type U616S (PDC), SN 30640, Jets 6-16's, In @ 464', Made 1029' in 10 1⁄4 hrs. PP 2600#, RPM 60/105, WOB 35k, PR 100.4. (NU BOPE 4, PU dir tools & test 2 1⁄2, RS 1⁄2, Trip 1 1⁄2, Test BOPE & csg 1, RR 1 1⁄2, Drlg plug, float & cmt 1 1⁄2, Drlg 10 1⁄4, Surv 1 1⁄4 hrs.) Remarks: Day 3. Finish NU BOPE. Tested blind rams to 1500#. RS. PU dir tools & test. TIH & tag @ 402'. At 3:00 P.M. MST 11/03/15, tested BOPE & csg to 1500# for 30 min, held OK. Drlg plug, float & cmt. Drlg from 464' to 945'. Repair generators. Drlg from 945' to 1493'. BHA: Bit, Dynamax 0.17 rpg 2.12 mtr, Double pin XO, Shock sub, UBHO, NMDC, Roller reamer, 3-8" DC's, XO, 27-6" DC's, XO. Total BHA: 1004.42'. No fluid lost or gained. DDC \$129,220. TWC \$648,535. (GH/LH/PN/SP)	
NOV 05 2015		3431' (1938'). Operation: Drlg w/motor & MWD. Formation: Salt - Anhy. Dev @ 1317' - 1.3°, @ 1788' - 0.9°, @ 2264' - 1.4°, @ 2549' - 1.1°, @ 2833' - 1.5°, @ 3119' - 1.6°. MW 10.0, Vis 29, pH 10, Cl 170k, Ca 2800, Solids 1.4%, DMC \$1,304, TMC \$4,822. Bit #2, Size 12 1⁄4", Make Ulterra, Type U616S (PDC), SN 30640, Jets 6-16's, In @ 464', Made 2967' in 23 3⁄4 hrs. PP 3800#, RPM 45/128, WOB 35k, PR 143.6. (Drlg 13 1⁄2, Surv 2 1⁄4, Replace saver sub 5 1⁄2, Install rot head 1⁄2, RR (top drive leak) 2 1⁄4 hrs.) Remarks: Day 4. Drlg from 1493' to 2041'. Replace saver sub to 4" CET39. Drlg from 2041' to 2051'. Check top drive for leaks. Drlg from 2051' to 2616' w/surveys. Install rot head rubber. Drlg from 2616' to 3431' w/surveys. BHA: Bit, Dynamax 0.17 rpg 2.12° mtr, Double pin XO, Shock sub, UBHO, NMDC, Roller reamer, 3- 8" DC's, XO, 27-6" DC's, XO. Total BHA: 1004.42'. No fluid lost or gained. DDC \$57,372. TWC \$705,907. (GH/LH/SN/SP)	
NOV 06 2015		4388' (957'). Operation: Drlg w/motor & MWD. Formation: Anhy - Salt. Dev @ 3404' - 2.4°, @ 3689' - 3.0°, @ 3974' - 2.9°. MW 10.0, Vis 29, pH 10, Cl 175k, Ca 3200, Solids 1.1%, DMC \$1,001, TMC \$5,823. Bit #2, Size 12 1⁄4", Make Ulterra, Type U616S (PDC), SN 30640, Jets 6- 16's, In @ 464', Made 3924' in 46 3⁄4 hrs. PP 4100#, RPM 45/128, WOB 35k, PR 41.6. (Drlg 23, Surv 3⁄4, BOPE & H ₂ S drill 1⁄4 hrs.) Remarks: Day 5. Drlg from 3431' to 4388' w/surveys, BOPE & H ₂ S drill. BHA: Bit, Dynamax 0.17 rpg 2.12° mtr, Double pin XO, Shock sub, UBHO, NMDC, Roller reamer, 3-8" DC's, XO, 27-6" DC's, XO. Total BHA: 1004.42'. No fluid lost or gained. DDC \$67,401. TWC \$773,308. (GH/LH/SN/SP)	
NOV 07 2015		5465' (1077'). Operation: Drlg w/motor & MWD. Formation: Salt - Dolo. Dev @ 4260' - 2.3°, @ 4544' - 2.2°, @ 4829' - 2.5°, @ 5114' - 3.5°. MW 10.0, Vis 29, pH 10, Cl 187k, Ca 3200, Solids <1%, DMC \$740, TMC \$6,563. Bit #2, Size 12 1⁄4", Make Ulterra, Type U616S (PDC), SN 30640, Jets 6-16's, In @ 464', Made 5001' in 69 hrs. PP 4100#, RPM 45/128, WOB 35k, PR	

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	48.4. (Drlg 22 ¼, Surv 1, RS ½, BOPE & H ₂ S drill ¼ hrs.) Remarks: Day 6. Drlg from 4388' to 5465' w/surveys, RS, BOPE & H ₂ S drill. BHA: Bit, Dynamax 0.17 rpg 2.12° mtr, Double pin XO, Shock sub, UBHO, NMDC, Roller reamer, 3-8" DC's, XO, 27-6" DC's, XO. Total BHA: 1004.42'. No fluid lost or gained. DDC \$54,634. TWC \$827,942. (GH/LH/SN/SP)																																										
NOV 08 2015	6420' (955'). Operation: LD dir tools. Formation: Dolo. Dev @ 5400' - 3.7°, @ 5685' - 2.4°, @ 5969' - 2.5°, @ 6254' - 3.6°, @ 6420' - 4.3°. MW 10.0, Vis 29, pH 10, Cl 187k, Ca 3600, Solids <1%, DMC \$895, TMC \$7,458. Bit #2, Size 12 ¼", Make Ulterra, Type U616S (PDC), SN 30640, Jets 6-16's, In @ 464', Made 5956' in 81 ¾ hrs. PP 4100#, RPM 45/128, WOB 35k, PR 74.9. (Drlg 12 ¾, Surv 1 ¼, RS ½, Circ 1 ½, Trip 6, LD dir tools 2 hrs.) Remarks: Day 7. Drlg from 5465' to 6420' w/surveys & RS. Circ sweep. TOO. LD 8" DC's & dir tools. BHA: Bit, Dynamax 0.17 rpg 2.12° mtr, Double pin XO, Shock sub, UBHO, NMDC, Roller reamer, 3-8" DC's, XO, 27-6" DC's, XO. Total BHA: 1004.42'. Started losing 40 BPH @ 6200'. DDC \$57,042. TWC \$884,984. (GH/LH/SN/SP)																																										
NOV 09 2015	6420' (0'). Operation: Cmt 2 nd stage. Formation: Dolo. MW 10.0, Vis 29, pH 10, Cl 187k, Ca 3600, Solids <1%, DMC \$0, TMC \$7,458. Bit #2, Size 12 ¼", Make Ulterra, Type U616S (PDC), SN 30640, Jets 6-16's, In @ 464', Out @ 6420', Made 5956' in 81 ¾ hrs. PP 500#. (LD dir tools 2, Run csg 12 ½, Wash csg 2, Circ 3 ½, Cmt 4 hrs.) Remarks: Day 8. LD dir tools. Held safety meeting. Run csg w/Bull Rogers. Circ csg capacity. RU Baker & cmt 9 ⅝" csg. No fluid lost or gained. DDC \$242,928. TWC \$1,127,912. (GH/LH/SN/SP)																																										
	<table><tr><td>1</td><td>Weatherford Float Shoe</td><td>1.60'</td></tr><tr><td>1</td><td>9 ⅝" 40# HCL80 LT&C Csg</td><td>42.14'</td></tr><tr><td>1</td><td>Weatherford Float Collar</td><td>1.48'</td></tr><tr><td>30</td><td>9 ⅝" 40# HCL80 LT&C Csg</td><td>1259.87'</td></tr><tr><td>1</td><td>Weatherford ECP set @ 5091'</td><td>23.92'</td></tr><tr><td>1</td><td>Weatherford DV Tool set @ 5088'</td><td>2.66'</td></tr><tr><td>5</td><td>9 ⅝" 40# HCL80 LT&C Csg</td><td>207.44'</td></tr><tr><td>15</td><td>9 ⅝" 40# L80 LT&C Csg</td><td>630.45'</td></tr><tr><td>22</td><td>9 ⅝" 40# J55 LT&C Csg</td><td>918.78'</td></tr><tr><td>75</td><td>9 ⅝" 36# J55 LT&C Csg</td><td>3156.45'</td></tr><tr><td>4</td><td>9 ⅝" 40# L80 LT&C Csg</td><td>180.76'</td></tr><tr><td></td><td>Total</td><td>6425.55'</td></tr><tr><td></td><td>Less above KB</td><td>5.55'</td></tr><tr><td></td><td>Csg set @</td><td>6420.00'</td></tr></table>	1	Weatherford Float Shoe	1.60'	1	9 ⅝" 40# HCL80 LT&C Csg	42.14'	1	Weatherford Float Collar	1.48'	30	9 ⅝" 40# HCL80 LT&C Csg	1259.87'	1	Weatherford ECP set @ 5091'	23.92'	1	Weatherford DV Tool set @ 5088'	2.66'	5	9 ⅝" 40# HCL80 LT&C Csg	207.44'	15	9 ⅝" 40# L80 LT&C Csg	630.45'	22	9 ⅝" 40# J55 LT&C Csg	918.78'	75	9 ⅝" 36# J55 LT&C Csg	3156.45'	4	9 ⅝" 40# L80 LT&C Csg	180.76'		Total	6425.55'		Less above KB	5.55'		Csg set @	6420.00'
1	Weatherford Float Shoe	1.60'																																									
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	Total	6425.55'																																									
	Less above KB	5.55'																																									
	Csg set @	6420.00'																																									
	(Note: Received 36 jts 9 ⅝" 40# HCL80 LT&C csg (1509.45' T-off), 15 jts 9 ⅝" 40# L80 LT&C csg (811.21' T-off), 22 jts 9 ⅝" 40# J55 LT&C csg (918.78' T-off) & 81 jts 9 ⅝" 36# J55 LT&C csg (3409.14' T-off) from WB Supply - Manufactured by Nexteel, Nexteel ERW & HLD Clark. Returned 6 jts of 9 ⅝" 36# J55 LT&C csg (252.69' T-off) & 1 cutoff jt 9 ⅝" 40# N80 LT&C csg (30.00') to WB Supply for credit.)																																										
	Held safety meeting. Baker cmt 1 st stage w/300 sks Lite Class C (35:65:6) w/5% Salt, 0.2% SMS, 3#/sk LCM1, 0.2% FL52, 0.7% R3 & ¼#/sk Cello Flake (yd @ 2.05 cuft/sk @ 12.5 PPG). Tail w/200 sks Class C w/0.4% R3 (yd @ 1.33 cuft/sk @ 14.8 PPG). Plug down @ 2:00 A.M. 11/09/15. Set external csg packer w/2800#. Drop bomb & open DV tool w/630#. Circ through DV tool @ 5088'. Circ 191 sks of cmt to the pits. (Notified Cindy, operator #4 w/TRRC but did not witness).																																										

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DATE	DAILY REPORTS
NOV 10 2015	<p>6420' (0'). Operation: TIH w/motor & bit. Formation: Dolo. MW 10.0, Vis 30, pH 10, Cl 180k, Ca 3200, Solids <1%, DMC \$0, TMC \$7,458. Bit #3, Size 8 ¾", Make STC, Type Z619 (PDC), SN JK7856, Jets 6-16's, In @ 6420', Made 0' in 0 hrs. (Cmt 1 ¾, WOC 12, Test BOPE 2 ¾, NU BOPE 1, RS ½, Trip 6 hrs.) Remarks: Day 9. Cmt 2nd stage. WOC. Set wellhead slips w/215k#. NU 13 ⅝" 3k# x 11" 5k# csg spool. Tested csg spool pack-off to 1500#. Tested BOPE to 5000# & Annular to 2500#. Tested standpipe & mud lines to the pumps to 5000#. No fluid lost or gained. DDC \$106,479. TWC \$1,234,391. (MM/LB/SN/SP)</p> <p>Cmt 2nd stage w/1350 sks Lite Class C (35:65:6) w/5% Salt, 0.2% SMS, 3#/sk LCM1, 0.2% FL52, 0.5% R3 & ¼#/sk Cello Flake (yd @ 2.05 cuft/sk @ 12.5 PPG). Tail w/100 sks Class C w/0.3% R3 (yd @ 1.33 cuft/sk @ 14.8 PPG). Plug down @ 7:45 A.M. 11/09/15. Circulated 164 sks of cmt to pit. (Notified Cindy, operator #4 w/TRRC but did not witness).</p>
NOV 11 2015	<p>7906' (1486'). Operation: Drlg w/motor. Formation: 10% Lime - 90% Shale. Dev @ 6432' - 5.0°, @ 6652' - 3.3°, @ 6912' - 2.1°, @ 7292' - 1.0°, @ 7671' - 3.7°. MW 9.8, Vis 30, pH 10, Cl 156k, Ca 2000, Solids <1%, DMC \$1,480, TMC \$8,938. Bit #3, Size 8 ¾", Make STC, Type Z619 (PDC), SN JK7856, Jets 6-16's, In @ 6420', Made 1486' in 15 ¼ hrs. PP 3850#, RPM 55/152, WOB 40k, PR 97.4. (Trip 3 ½, Test csg ½, Drlg DV tool, plug, float & cmt 1 ½, Drlg 15 ¼, Surv 3 ¼ hrs.) Remarks: Day 10. TIH. Drill out DV tool @ 5088'. Continue TIH. At 10:00 A.M. 11/10/15, tested csg to 1500# for 30 min, held Ok. Drlg plug, float & cmt. Drlg from 6420' to 7906' w/surveys. BHA: Bit, 0.26 rpg Phoenix mtr, Teledrift, Roller reamer, DC's, 1-6" DC's, IBS, 26-6" DC's, XO. Total BHA: 883.56'. BG 175 units. CG 200 units. No fluid lost or gained. DDC \$39,748. TWC \$1,274,139. (MM/LB/PN/SP)</p>
NOV 12 2015	<p>9259' (1353'). Operation: Trip for bit. Formation: 30% Lime - 60% Shale - 10% Sand. Dev @ 7814' - 2.5°, @ 8289' - 1.3°, @ 8620' - 1.4°, @ 9000' - 2.9°. MW 9.5, Vis 28, pH 11, Cl 109k, Ca 2000, Solids 1.5%, DMC \$156, TMC \$9,094. Bit #3, Size 8 ¾", Make STC, Type Z619 (PDC), SN JK7856, Jets 6-16's, In @ 6420', Made 2839' in 38 ¼ hrs. PP 3000#, RPM 65/131, WOB 40k, PR 58.8. (Drlg 23, Trip ½, RS ½ hrs.) Remarks: Day 11. Drlg from 7906' to 9259' w/surveys & RS. TOO. BHA: Bit, 0.26 rpg Phoenix mtr, Teledrift, Roller reamer, DC's, 1-6" DC's, IBS, 26-6" DC's, XO. Total BHA: 883.56'. BG 900 units. CG 1700 units. No fluid lost or gained. DDC \$68,705. TWC \$1,342,844. (MM/LB/PN/SP)</p>
NOV 13 2015	<p>9585' (326'). Operation: Drlg w/motor. Formation: 40% Lime - 40% Shale - 20% Chert. Dev @ 9190' - 4.0°, @ 9380' - 2.7°. MW 9.5, Vis 28, pH 10, Cl 103k, Ca 2800, Solids 1.1%, DMC \$832, TMC \$9,926. Bit #3, Size 8 ¾", Make STC, Type Z619 (PDC), SN JK7856, Jets 6-16's, In @ 6420', Out @ 9259', Made 2839' in 38 ¼ hrs. Bit #4, Size 8 ¾", Make STC, Type F47HY, SN RD7346, Jets 3-18's, In @ 9259', Made 326' in 8 ½ hrs. PP 3000#, RPM 60/131, WOB 40k, PR 38.4. (Drlg 8 ½, Trip 14 ½, Ream 1 hrs.) Remarks: Day 12. TOO. Replace bit & motor. TIH. Work tight hole from 7983' to 8003'. Continue TIH. Drlg from 9259' to 9585' w/surveys. BHA: Bit, 0.26 rpg Phoenix mtr, Teledrift, Roller reamer, 1-6" DC, IBS, 26-6" DC's, XO. Total BHA: 883.56'. BG 200 units. CG 325 units. TG 475 units. Losing 30 BPH while drlg. DDC \$56,279. TWC \$1,399,123. (MM/LB/PN/SP)</p>
NOV 14 2015	<p>9712' (127'). Operation: Drlg w/motor. Formation: 50% Lime - 10% Shale - 40% Chert. Dev @ 9476' - 3.0°. MW 9.4, Vis 28, pH 10, Cl 109k, Ca 3000, Solids 1.1%, DMC \$165, TMC \$10,091. Bit #4, Size 8 ¾", Make STC, Type F47HY, SN RD7346, Jets 3-18's, In @ 9259', Out @ 9588', Made 329' in 10 hrs. Bit #5, Size 8 ¾", Make STC, Type F47HY, SN RD8275, Jets 3-18's, In @ 9588', Made 124' in 6 hrs. PP 2100#, RPM 50/109, WOB 35k, PR 16.9. (Drlg 7 ½, Trip 13 ½, Cut drlg line 2 ½, RS ½ hrs.) Remarks: Day 13. Drlg from 9585' to 9588'. TOO. Replace bit & motor. TIH. Cut drlg line & RS. Continue TIH. Drlg from 9588' to 9712' w/survey. BHA:</p>

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	Bit, 0.26 rpg Phoenix mtr, Teledrift, Roller reamer, 1-6" DC, IBS, 26-6" DC's, XO. Total BHA: 883.56'. BG 175 units. CG 325 units. TG 475 units. Losing 20 BPH while drlg. DDC \$54,580. TWC \$1,453,703. (MM/LB/PN/SP)
NOV 15 2015	10155' (443'). Operation: Drlg w/motor. Formation: 30% Lime - 70% Shale. Dev @ 9855' - 3.0°, @ 10045' - 3.2°. MW 9.3, Vis 29, pH 10, Cl 110k, Ca 4200, Solids 1.4%, DMC \$2,263, TMC \$12,354. Bit #5, Size 8 ¾", Make STC, Type F47HY, SN RD8275, Jets 3-18's, In @ 9588', Made 567' in 29 ½ hrs. PP 2100#, RPM 50/109, WOB 45k, PR 18.9. (Drlg 23 ½, RS ½ hrs.) Remarks: Day 14. Drlg from 9712' to 10155' w/surveys & RS. BHA: Bit, 0.26 rpg Phoenix mtr, Teledrift, Roller reamer, 1-6" DC, IBS, 26-6" DC's, XO. Total BHA: 883.17'. BG 325 units. CG 350 units. No fluid lost or gained. DDC \$46,746. TWC \$1,500,449. (MM/LB/PN/SP)
NOV 16 2015	10853' (698'). Operation: Drlg w/motor. Formation: 20% Lime - 80% Shale. Dev @ 10428' - 1.8°, @ 10803' - 2.4°. MW 9.3, Vis 29, pH 10, Cl 98k, Ca 1800, Solids 1.0%, DMC \$805, TMC \$13,159. Bit #5, Size 8 ¾", Make STC, Type F47HY, SN RD8275, Jets 3-18's, In @ 9588', Out @ 10187', Made 599' in 29 ¾ hrs. Bit #6, Size 8 ¾", Make STC, Type Z613 (PDC), SN JK1827, Jets 6-16's, In @ 10187', Made 666' in 11 ¼ hrs. PP 4100#, RPM 60/131, WOB 40k, PR 60.7. (Drlg 11 ½, Trip 11 ¼, Inspect saver sub ¾, BOPE & H ₂ S drills ½ hrs.) Remarks: Day 15. Drlg from 10155' to 10187'. TOOH. Replace bit & motor. TIH. Drlg from 10187' to 10189'. LD jt of damaged DP. Drlg from 10189' to 10853' w/surveys, BOPE & H ₂ S drills. BHA: Bit, 0.26 rpg Phoenix mtr, Teledrift, Roller reamer, 1-6" DC, IBS, 26-6" DC's, XO. Total BHA: 883.17'. BG 300 units. CG 525 units. TG 1975 units. No fluid lost or gained. DDC \$51,442. TWC \$1,551,891. (MM/LB/SN/SP)
NOV 17 2015	11327' MD (474'). Operation: TOOH to PU dir tools. Formation: 90% Lime - 10% Shale. Dev @ 11091' - 5.9°. MW 9.3, Vis 29, pH 10, Cl 99k, Ca 2400, Solids 1.4%, DMC \$570, TMC \$13,729. Bit #6, Size 8 ¾", Make STC, Type Z613 (PDC), SN JK1827, Jets 6-16's, In @ 10187', Made 1140' in 17 ¼ hrs. PP 4100#, RPM 60/131, WOB 40k, PR 79.0. (Drlg 6, Circ 3 ¾, Trip 10 ¾, Run Gyro 3 ½ hrs.) Remarks: Day 16. Drlg from 10853' to 11327' w/survey. Circ sweep. Ran Gyro w/Stryker @ 11327' MD. Bottom hole closure @ 11205' MD - 279.9' @ 248.3° Azm. Circ. TOOH. BHA: Bit, 0.26 rpg Phoenix mtr, Teledrift, Roller reamer, 1-6" DC, IBS, 26-6" DC's, XO. Total BHA: 883.17'. BG 450 units. CG 1275 units. Losing 40 BPH. DDC \$64,907. TWC \$1,616,798. (LH/SN/SP)
NOV 18 2015	11557' MD (230'). Operation: Drlg w/motor & MWD. Formation: 40% Lime - 60% Shale. MW 9.5, Vis 30, WL 92, pH 10, PV 1, YP 3, Gels 1/1, FC 1/32", Cl 99k, Ca 2400, Solids 2.2%, DMC \$609, TMC \$14,338. Bit #6, Size 8 ¾", Make STC, Type Z613 (PDC), SN JK1827, Jets 6-16's, In @ 10187', Out @ 11327', Made 1140' in 17 ¼ hrs. Bit #7, Size 8 ¾", Make HTC, Type DP506FX (PDC), SN 7150920, Jets 6-16's, In @ 11327', Made 230' in 7 ¾ hrs. PP 4200#, RPM 60/170, WOB 14k, PR 29.7. (Drlg 7 ¾, Surv 1, Trip 9 ½, PU dir tools & test 2 ½, Circ 1, Replace rot head rubber ¾, Work tight hole 1 ½ hrs.) Remarks: Day 17. PU dir tools & test. TIH. Circ. Replace rot head rubber. Drlg from 11327' to 11476' w/survey. Work tight hole from 11327' to 11476' MD. Drlg from 11476' to 11557' MD w/surveys. BHA: Bit, Stryker 0.29 rpg 2.25° mtr w/KP, UBHO, Spiral NMDC, Flex NMDC, 33-5" DP, XO, 21-6" DC's, Jars, 6-6" DC's, XO. Total BHA: 1987.41'. BG 650 units. CG 800 units. TG 3000 units. No fluid lost or gained. DDC \$62,891. TWC \$1,679,689. (LH/SN/SP) 11345' MD (11333.1' TVD) 6.2° Inc @ 249.1° Azm. 11377' MD (11364.9' TVD) 7.7° Inc @ 278.6° Azm. 11409' MD (11396.5' TVD) 9.8° Inc @ 301.1° Azm. 11440' MD (11427.1' TVD) 8.2° Inc @ 313.8° Azm.

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

LeaseUniversity B21 5Well NoW101MDLocation130' FSL & 467' FWL

CountyWinklerSTTXSectionTwtnShpRng

Section5Blk21Survey

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API # 42-495-33589

DATE	DAILY REPORTS
NOV 19 2015	<p>12200' MD (643'). Operation: Drlg w/motor & MWD. Formation: 10% Lime - 80% Shale - 10% Sand. MW 9.5, Vis 50, WL 6, pH 10, PV 10, YP 12, Gels 5/8, FC 2/32", Cl 100k, Ca 800, Solids 1.3%, DMC \$14,740, TMC \$29,078. Bit #7, Size 8 ¾", Make HTC, Type DP506FX (PDC), SN 7150920, Jets 6-16's, In @ 11327', Made 873' in 26 hrs. PP 3000#, RPM 50/133, WOB 22k, PR 35.2. (Drlg 18 ¼, Surv 5 ¼, RS ½ hrs.) Remarks: Day 18. Drlg from 11557' to 12200' MD w/surveys & RS. BHA: Bit, Stryker 0.29 rpg 2.25° mtr w/KP, UBHO, Spiral NMDC, Flex NMDC, 33-5" DP, XO, 21-6" DC's, Jars, 6-6" DC's, XO. Total BHA: 1987.41'. BG 525 units. CG 1700 units. No fluid lost or gained. DDC \$65,642. TWC \$1,745,331. (LH/SN/SP)</p> <p>11472' MD (11458.8' TVD) 7.6° Inc @ 322.2° Azm. 11504' MD (11490.5' TVD) 8.6° Inc @ 333.8° Azm. 11535' MD (11521.1' TVD) 10.6° Inc @ 343.0° Azm. 11567' MD (11552.4' TVD) 13.7° Inc @ 352.6° Azm. 11598' MD (11582.3' TVD) 16.7° Inc @ 359.6° Azm. 11630' MD (11612.7' TVD) 19.4° Inc @ 2.9° Azm. 11662' MD (11642.5' TVD) 23.2° Inc @ 1.7° Azm. 11693' MD (11670.6' TVD) 26.5° Inc @ 1.0° Azm. 11725' MD (11699.0' TVD) 28.4° Inc @ 0.2° Azm. 11757' MD (11726.8' TVD) 31.3° Inc @ 0.3° Azm. 11788' MD (11752.9' TVD) 34.3° Inc @ 2.9° Azm. 11820' MD (11778.9' TVD) 36.6° Inc @ 5.0° Azm. 11851' MD (11803.7' TVD) 37.0° Inc @ 7.2° Azm. 11883' MD (11829.0' TVD) 38.6° Inc @ 6.4° Azm. 11914' MD (11852.8' TVD) 41.3° Inc @ 6.4° Azm. 11946' MD (11876.3' TVD) 44.0° Inc @ 6.1° Azm. 11978' MD (11898.9' TVD) 46.3° Inc @ 6.5° Azm. 12010' MD (11920.6' TVD) 48.4° Inc @ 6.3° Azm. 12041' MD (11940.9' TVD) 49.7° Inc @ 4.9° Azm. 12073' MD (11961.0' TVD) 52.2° Inc @ 5.9° Azm. 12104' MD (11979.5' TVD) 54.8° Inc @ 5.0° Azm.</p>
NOV 20 2015	<p>12525' MD (325'). Operation: TOO H to run 7" csg. Formation: 20% Lime - 80% Shale. MW 9.4, Vis 50, WL 8, pH 9, PV 10, YP 18, Gels 8/12, FC 2/32", Cl 99k, Ca 1200, Solids 1.4%, DMC \$11,267, TMC \$40,345. Bit #7, Size 8 ¾", Make HTC, Type DP506FX (PDC), SN 7150920, Jets 6-16's, In @ 11327', Made 1198' in 35 hrs. PP 3100#, RPM 50/133, WOB 30k, PR 36.1. (Drlg 9, Surv 3, RS ½, Trip 6 ½, Circ 5 hrs.) Remarks: Day 19. Drlg from 12200' to 12525' MD w/surveys & RS. Circ sweep & spot pill. Short trip to 9700' w/drag. TIH to 12525' MD w/no drag or fill. Circ sweep & spot pill. TOO H to run 7" csg. BHA: Bit, Stryker 0.29 rpg 2.25° mtr w/KP, UBHO, Spiral NMDC, Flex NMDC, 33-5" DP, XO, 21-6" DC's, Jars, 6-6" DC's, XO. Total BHA: 1987.41'. BG 325 units. CG 600 units. TG 1600 units. No fluid lost or gained. DDC \$62,947. TWC \$1,808,278. (LH/SN/SP)</p> <p>12136' MD (11997.1' TVD) 58.3° Inc @ 3.5° Azm. 12168' MD (12013.0' TVD) 62.3° Inc @ 2.0° Azm. 12199' MD (12026.7' TVD) 65.0° Inc @ 0.8° Azm. 12231' MD (12039.6' TVD) 67.5° Inc @ 1.0° Azm. 12263' MD (12051.2' TVD) 69.9° Inc @ 1.5° Azm. 12294' MD (12061.4' TVD) 71.9° Inc @ 1.9° Azm. 12326' MD (12070.4' TVD) 75.4° Inc @ 2.0° Azm. 12357' MD (12077.2' TVD) 79.4° Inc @ 0.3° Azm. 12389' MD (12082.5' TVD) 81.3° Inc @ 359.8° Azm.</p>

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

Lease

University B21 5

Well No

W101MD

Location

130' FSL & 467' FWL

County

Winkler

ST

TX

Section

TwNShp

Rng

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Blk

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API # 42-495-33589

DATE	DAILY REPORTS
NOV 20 (CONT)	<div>12421' MD (12086.8' TVD) 83.2° Inc @ 359.4° Azm.</div> <div>12452' MD (12090.2' TVD) 84.5° Inc @ 358.6° Azm.</div> <div>12481' MD (12092.5' TVD) 86.1° Inc @ 357.9° Azm.</div> <div>Projected to the bit @</div> <div>12525' MD (12094.2' TVD) 89.5° Inc @ 357.0° Azm</div>
NOV 21 2015	<div>12525' MD (0'). Operation: Running 7" csg. Formation: 20% Lime - 80% Shale. MW 9.5, Vis 45, WL 9, pH 9, PV 10, YP 13, Gels 7/11, FC 2/32", Cl 113k, Ca 1200, Solids 1.2%, DMC \$5,673, TMC \$46,018. Bit #7, Size 8 ¾", Make HTC, Type DP506FX (PDC), SN 7150920, Jets 6-16's, In @ 11327', Out @ 12525', Made 1198' in 35 hrs. PP 3100#. (Trip 13, LD dir tools 1, Run csg 10 hrs.) Remarks: Day 20. TOO H to run 7" csg. LD dir tools. Held safety meeting. RU Bull Rogers & run 7" csg w/Man Welding torque turn. Lost 600 bbls of mud while tripping. DDC \$52,320. TWC \$1,860,598. (LH/SN/SP)</div>
NOV 22 2015	<div>12525' MD (0'). Operation: Circ off gas. Formation: 20% Lime - 80% Shale. MW 9.4, Vis 53, WL 6, pH 9, PV 12, YP 11, Gels 9/13, FC 2/32", Cl 110k, Ca 1200, Solids 1.6%, DMC \$14,341, TMC \$60,359. PP 600#. (Run csg 8 ¾, Work csg 5 ½, RR (catwalk) 5 ¾, Circ gas 3, RU LD machine 1 hrs.) Remarks: Day 21. Attempt to repair catwalk. Held safety meeting & RU Bull Rogers LD machine. Continue running 7" to 12188' MD. Wash csg from 12188' to 12242' MD. Well started flowing. Gained 95 bbls. Circ out gas. DDC \$427,495. TWC \$2,288,093. (LH/SN/SP)</div>
NOV 23 2015	<div>12525' MD (0'). Operation: WOC - Running temp survey. Formation: Lime - Shale. DMC \$8,788, TMC \$69,147. PP 600#. (Wash csg 5, Circ 6, Cmt 2 ½, WOC 10 ½ hrs.) Remarks: Day 22. Circ off gas. Continue washing 7" csg from 12242' to 12510' MD. Circ csg. Set wellhead slips through BOP w/330k#. Held safety meeting. RU Baker Hughes & cmt 7" csg. WOC. Ran temp survey w/Phoenix indicating TOC @ 6400'. DDC \$115,301. TWC \$2,403,394. (LH/SN/SP)</div> <div><div><div>1</div><div>Weatherford Float Shoe</div><div>1.61'</div></div><div><div>1</div><div>7" 29# P110 BT&C Csg</div><div>38.59'</div></div><div><div>1</div><div>Weatherford Float Collar</div><div>1.33'</div></div><div><div>25</div><div>7" 29# P110 BT&C Csg</div><div>971.16'</div></div><div><div>1</div><div>7" 29# P110 BT&C x LT&C XO Csg</div><div>36.93'</div></div><div><div>288</div><div>7" 29# P110 LT&C Csg</div><div>11433.85'</div></div><div><div>1</div><div>7" Landing Tool</div><div>29.54'</div></div><div><div></div><div>Total</div><div>12513.01'</div></div><div><div></div><div>Less above KB</div><div>3.01'</div></div><div><div></div><div>Csg set @</div><div>12510.00'</div></div></div> <div><div>(Note: Received 26 jts of 7" 26# P110 BT&C csg (1009.75' T-off), 1 jt of 7" 26# P110 LT&C x BT&C XO csg (36.93' T-off) 291 jts of 7" 26# P110 LT&C csg (11553.16' T-off), from WB Supply - Manufactured by IPSCO. Returned 3 jts of 7" 29# P110 LT&C csg (119.31' T-off) to WB Supply for credit.</div><div>Held safety meeting. Baker cmt w/550 sks Class H (60:40:0) w/4% MPA5, 0.3% FL52, 5% A10, 3% SMS, 5% Salt, 1.8% R3 & 3#/sk LCM1 (yd @ 2.27 cuft/sk @ 12.0 PPG). Tail w/400 sks Class H w/0.3% FL52, 0.5% R3 (yd @ 1.18 cuft/sk @ 15.6 PPG). Plug down @ 7:30 P.M. MST 11/22/15. Did not circ cmt. Lost returns w/200 bbls left to displace. Lift pressure @ 450# @ 3 BPM. (Notified Rosa Ramirez w/TRRC but did not witness.) Tested csg to 8000# for 5 min, held OK.</div></div>

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

Lease

University B21 5

Well No

W101MD

Location

130' FSL & 467' FWL

County

Winkler

ST

TX

Section

TwShp

Rng

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Blk

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Survey

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API # 42-495-33589

DATE	DAILY REPORTS
NOV 24 2015	12525' MD (0'). Operation: Troubleshoot MWD. Formation: Lime - Shale. MW 12.8, Vis 100, HTHP 4.4, PV 31, YP 12, Gels 10/21/30, FC 2/32", Cl 59k, Ca 24k, Solids 4.4%, Oil 65%, ES 261, DMC \$0, TMC \$69,147. Bit #8, Size 6", Make HTC, Type TD406X (PDC), SN 7158865, Jets 6-16's, In @ 12525', Made 0' in 0 hrs. (WOC 1 ½, Jet pits 3, Transfer OBM 5, Install catch pan 1, LD DC's & DP 6, PU dir tools & test 5 ½, RR (catwalk) 2 hrs.) Remarks: Day 23. WOC. Clean pits. Transfer OBM. Install drip pan. LD 6" DC's & 5" DP. Repair catwalk. PU dir tools & test. Troubleshoot MWD. No fluid lost or gained. DDC \$80,674. TWC \$2,484,068. (LB/MM/SN/SP)
NOV 25 2015	12665' MD (140'). Operation: Drlg w/motor & MWD. Formation: 90% Shale - 10% Lime. MW 13.5, Vis 100, HTHP 5.6, PV 36, YP 11, Gels 10/27/30, FC 2/32", Cl 54k, Ca 22k, Adj solids 4.1%, Oil 65%, ES 233, DMC \$5,624, TMC \$74,771. Bit #8, Size 6", Make HTC, Type TD406X (PDC), SN 7158865, Jets 6-16's, In @ 12525', Made 140' in 8 hrs. PP 3250#, RPM 55/115, WOB 25k, PR 17.5. (Drlg 8, Surv ½, Troubleshoot MWD 1, Trip 6, RS 1, PU DP 3, Cut drlg line 2 ½, Test csg ½, Install rot head rubber ½, Drlg plug, float & cmt 1 hrs.) Remarks: Day 24. Troubleshoot MWD. TIH. Cut drlg line. PU 4" DP. At 7:30 P.M. 11/24/15, tested csg to 2500# for 30 min, held Ok. Install rot head rubber. Drlg plug, float & cmt. Drlg from 12525' to 12665' MD w/surveys & RS. Last survey @ 12551' MD (12094.4' TVD) 90.0° Inc @ 355.3° Azm. <u>Total lateral open hole @ 155' of 4304'.</u> BHA: Bit, Baker 0.49 rpg 1.80° adj mtr, UBHO, Slick NMDC, Flex NMDC, XO. Total BHA: 99.46'. BG 60 units. CG 90 units. No fluid lost or gained. DDC \$59,396. TWC \$2,543,464. (LB/MM/SN/SP)
NOV 26 2015	13837' MD (1172'). Operation: Drlg w/motor & MWD. Formation: 90% Shale - 10% Lime. MW 13.5, Vis 66, HTHP 5.6, PV 30, YP 10, Gels 10/23/26, FC 2/32", Cl 47k, Ca 21k, Adj solids 4.6%, Oil 69%, ES 231, DMC \$21,173, TMC \$95,944. Bit #8, Size 6", Make HTC, Type TD406X (PDC), SN 7158865, Jets 6-16's, In @ 12525', Made 1312' in 28 hrs. PP 5200#, RPM 55/150, WOB 25k, PR 58.6. (Drlg 20, Surv 3 ½, RS ½ hrs.) Remarks: Day 25. Drlg from 12665' to 13837' MD w/surveys & RS. Last survey @ 13723' MD (12106.9' TVD) 89.7° Inc @ 341.0° Azm. <u>Total lateral open hole @ 1327' of 4304'.</u> BHA: Bit, Baker 0.49 rpg 1.80° adj mtr, UBHO, Slick NMDC, Flex NMDC, XO. Total BHA: 99.46'. BG 450 units. CG 950 units. No fluid lost or gained. DDC \$83,330. TWC \$2,626,794. (LB/MM/JN/SP)
NOV 27 2015	15008' MD (1171'). Operation: Drlg w/motor & MWD. Formation: 100% Shale. MW 13.5, Vis 63, HTHP 4.0, PV 29, YP 10, Gels 14/34/40, FC 2/32", Cl 45k, Ca 20k, Adj solids 6.4%, Oil 74%, ES 375, DMC \$12,914, TMC \$108,858. Bit #8, Size 6", Make HTC, Type TD406X (PDC), SN 7158865, Jets 6-16's, In @ 12525', Made 2483' in 48 ½ hrs. PP 5200#, RPM 55/150, WOB 25k, PR 57.1. (Drlg 20 ½, Surv 3, RS ½ hrs.) Remarks: Day 26. Drlg from 13837' to 15008' MD w/surveys & RS. Last survey @ 14862' MD (12119.9' TVD) 90.2° Inc @ 331.6° Azm. <u>Total lateral open hole @ 2498' of 4304'.</u> BHA: Bit, Baker 0.49 rpg 1.80° adj mtr, UBHO, Slick NMDC, Flex NMDC, XO. Total BHA: 99.46'. BG 200 units. CG 850 units. No fluid lost or gained. DDC \$63,303. TWC \$2,690,097. (LB/MM/PN/SP)
NOV 28 2015	15925' MD (917'). Operation: Drlg w/motor & MWD. Formation: 100% Shale. MW 13.5, Vis 66, HTHP 2.8, PV 26, YP 13, Gels 14/34/39, FC 2/32", Cl 47k, Ca 20k, Adj solids 5.3%, Oil 73%, ES 492, DMC \$10,497, TMC \$119,355. Bit #8, Size 6", Make HTC, Type TD406X (PDC), SN 7158865, Jets 6-16's, In @ 12525', Made 3400' in 68 ¾ hrs. PP 5800#, RPM 65/150, WOB 25k, PR 45.3. (Drlg 20 ¼, Surv 2 ½, RS ½, BOPE & H ₂ S drills ¾ hrs.) Remarks: Day 27. Drlg from 15008' to 15925' MD w/surveys, RS, BOPE & H ₂ S drills. Last survey @ 15811' MD (12099.2' TVD) 91.2° Inc @ 348.3° Azm. <u>Total lateral open hole @ 3415' of 4304'.</u> BHA: Bit, Baker 0.49 rpg 1.80° adj mtr, UBHO, Slick NMDC, Flex NMDC, XO. Total BHA: 99.46'. BG 350 units. CG 1050 units. No fluid lost or gained. DDC \$60,556. TWC

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Winkler

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API # 42-495-33589

DATE	DAILY REPORTS
	<div>\$2,750,653. (LB/MM/PN/SP)</div>
NOV 29 2015	<div>16825' MD (900'). Operation: Circ for short trip. Formation: 100% Shale. MW 13.5, Vis 66, HTHP 3.2, PV 27, YP 16, Gels 15/34/40, FC 2/32", Cl 49k, Ca 22k, Adj solids 4.9%, Oil 71%, ES 507, DMC \$2,377, TMC \$121,732. Bit #8, Size 6", Make HTC, Type TD406X (PDC), SN 7158865, Jets 6-16's, In @ 12525', Made 4300' in 89 ½ hrs. PP 5200#, RPM 65/150, WOB 25k, PR 43.4. (Drlg 20 ¾, Surv 2 ¼, RS ½, Circ ½ hrs.) Remarks: Day 28. Drlg from 15925' to 16825' MD w/surveys & RS. TD well @ 5:30 A.M. 11/29/15. Circ for short trip. Last survey @ 16774' MD (12137.7' TVD) 90.1° Inc @ 340.8° Azm. Projected to bit @ 16825' MD (12137.6' TVD) 90.1° Inc @ 340.8° Azm. Total lateral open hole @ 4315'. BHA: Bit, Baker 0.49 rpg 1.80° adj mtr, UBHO, Slick NMDC, Flex NMDC, XO. Total BHA: 99.46'. BG 250 units. CG 1150 units. No fluid lost or gained. DDC \$60,041. TWC \$2,810,694. (LB/MM/PN/SP)</div>
NOV 30 2015	<div>16825' MD (0'). Operation: Running 4 ½" liner. Formation: Shale. MW 13.5, Vis 64, HTHP 2.8, PV 25, YP 13, Gels 13/32/38, FC 2/32", Cl 50k, Ca 22k, Adj solids 5.2%, Oil 72%, ES 477, DMC \$156, TMC \$121,888. Bit #8, Size 6", Make HTC, Type TD406X (PDC), SN 7158865, Jets 6-16's, In @ 12525', Out @ 16825', Made 4300' in 89 ½ hrs. PP 5200#. (Circ 3 ½, Trips 14, Run liner 5 ½, LD dir tools 1 hrs.) Remarks: Day 29. Circ. Short trip to 12444' MD w/no drag. TIH to 16825' MD w/no drag or fill. Circ. TOOH. LD dir tools. Held safety meeting. RU Bull Rogers & Man Welding torque turn. Run 4 ½" liner. TG 1550 units. No fluid lost or gained. DCC \$17,663. TCC \$17,663. DDC \$33,529. TDC \$2,844,223. TWC \$2,861,886. (LB/MM/PN/SP)</div>
DEC 01 2015	<div>16825' MD (0'). Operation: Cmting 4 ½" liner. Formation: Shale. MW 10, Vis 29, pH 10, Cl 170k, Ca 2800, Solids <1%, DMC \$0, TMC \$121,888. PP 2800#. (Run liner 13, Circ 3, Displace 4 ¾, Cmt 3 ¼ hrs.) Remarks: Day 30. Continue run 4 ½" liner. Circ csg & annular capacity. Held safety meeting. RU Baker. Displace hole with BW. Cmt liner. No fluid lost or gained. DCC \$130,649. TCC \$148,312. DDC \$22,302. TDC \$2,866,525. TWC \$3,014,837. (JH/SN/SP)</div> <div><div><div>1</div><div>Halliburton Float Shoe</div><div>1.50'</div></div><div><div>1</div><div>4 ½" 13.5# P110 LT&C Halliburton Pup Joint</div><div>10.07'</div></div><div><div>1</div><div>Halliburton Float Collar</div><div>0.88'</div></div><div><div>1</div><div>Halliburton Landing Collar</div><div>1.06'</div></div><div><div>131</div><div>4 ½" 13.5# P110 LT&C csg</div><div>5519.52'</div></div><div><div>1</div><div>VersaFlex Expandable Liner Hanger Assy @ 11280'</div><div>11.94'</div></div><div><div></div><div>Total</div><div>5544.97'</div></div><div><div></div><div>Top of liner @ (MD)</div><div>11278.03'</div></div><div><div></div><div>End of liner set @ (MD)</div><div>16823.00'</div></div></div> <div><div>(Note: Received 140 jts of 4 ½" P110 LT&C csg (5897.30' T-off) from WB Supply - Manufactured by IPSCO Prime. Returned 9 jts of 4 ½" P110 LT&C csg (377.65' T-off) to WB Supply for credit.)</div></div>

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Lease

University B21 5

Well No

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Location

130' FSL & 467' FWL

County

Winkler

ST

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Section

TwNShp

Rng

Section

5

Blk

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Survey

Filename

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API # 42-495-33589

DATE	DAILY REPORTS
DEC 02 2015	<p>16825' MD (0'). Operation: ND BOPE. DMC \$5,651, TMC \$127,539. (Displace csg 1, Set/test liner hanger ½, RD Baker 2, RS ½, LD DP 19, ND BOPE 1 hrs.) Remarks: Day 31. Displace 7" csg. Set/test liner hanger. Released from liner. RD Baker. RS. LD DP. ND BOPE. DCC \$133,955. TCC \$282,267. DDC \$83,144. TDC \$2,949,669. TWC \$3,231,936. (JH/SN/SP)</p> <p>Held safety meeting. Baker cmt w/265 sks Class C (60:40:0) w/4% MPA5, 1.2% BA10A, 10#/sk BA90, 5% A10, 0.65% ASA301, 0.9% SMS & 0.8% R21 (yd @ 2.96 cuft/sk @ 11.2 PPG). Released dart. Displaced w/205 bbls BW. Plug down @ 6:00 A.M. MST 12/01/15. Pressured up to 6971# to expand liner hanger. Displace 7" csg w/250 bbls BW. Circ 109 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 Kaylee Lewis w/TRRC but did not witness).</p>
DEC 03 2015	<p>16825' MD (0'). Operation: Rig released to move. TMC \$127,539. (ND BOPE & install capping flange 6, RD 18 hrs.) Remarks: Day 32. ND BOPE. NU 11" 5k# x 7 1/16" 10k# tbg spool w/capping flange. Tested tbg spool pack-off to 3500#. RD. Rig released to move @ 12:00 P.M. 12/02/15. Start MO Patterson/UTI #220 w/Aveda Trucking this A.M. DCC \$40,597. TCC \$322,864. DDC \$13,344. TDC \$2,963,013. TWC \$3,285,877. (JH/SN/SP)</p>
DEC 04 2015	<p>Start MO Patterson/UTI #220 w/Aveda Trucking. TCC \$322,864. TDC \$2,963,013. TWC \$3,285,877. (JH/LH/SN/SP)</p>
DEC 05 2015	<p>Finish MO Patterson/UTI #220 w/Aveda Trucking. Start filling frac pond. TCC \$322,864. TDC \$2,963,013. TWC \$3,285,877. (LH/SN/SP)</p>
DEC 06 2015	<p>Filling frac pond. TCC \$322,864. TDC \$2,963,013. TWC \$3,285,877.</p>
DEC 07 2015	<p>Filling frac pond. TCC \$322,864. TDC \$2,963,013. TWC \$3,285,877.</p>
DEC 08 2015	<p>WO PU. Filling frac pond. TCC \$322,864. TDC \$2,963,013. TWC \$3,285,877.</p>
DEC 09 2015	<p>Cleaned location and set anchors. WO PU. Filling frac pond. DCC \$4,700. TCC \$327,564. TDC \$2,963,013. TWC \$3,290,577. (DM)</p>
DEC 10-11 2015	<p>WO PU. Filling frac pond. TCC \$327,564. TDC \$2,963,013. TWC \$3,290,577. (DM)</p>
DEC 12 2015	<p>SICP 0#. MIRU L&E pump truck. Loaded backside w/4 bbl. Tested backside for 30 mins w/250#, held OK. MIRU Motley WL. RIH w/CCL, GR, CNL & CBL. Logged 11278' to surface (found TOC @ 7820'). RDMO Motley WL & L&E pump truck. NU 10k capping flange. Rack & tally 190 jts 2 ¾" PH6 MOC DP & 357 jts 2 ⅞" L80 tbg. SWI & SDFWE. DCC \$16,760. TCC \$344,324. TDC \$2,963,013. TWC \$3,307,337. (CB)</p>
DEC 15 2015	<p>SICP 0#. NU adapter spool & 5k BOP. RIH w/3 ¼" JZ mill tooth bit, bit sub, 190 jts 2 ⅜" PH6, XO, & 343 jts 2 ⅞" L80 tbg. Tagged @ 16702'. MIRU Basic reverse unit. PU swivel & NU stripper head. Broke circulation & washed cmt stringers down to LC @ 16815'. Circ hole clean. Stand back swivel & POOH to 16718'. ND stripper head. RDMO Basic reverse unit. SWI & SDFD. DCC \$19,765. TCC \$364,089. TDC \$2,963,013. TWC \$3,327,102. (CB)</p>
DEC 16 2015	<p>SITP 0#. SICP 0#. Continue POOH w/tbg & LD bit. SDFD due to high winds. DCC \$4,400. TCC \$368,529. TDC \$2,963,013. TWC \$3,331,502. (CB)</p>

Lease	University B21 5		Well No	W101MD	Location	130' FSL & 467' FWL	
County	Winkler	ST	TX	Section		TwnShp	Rng
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DEC 17 2015	SITP 0#. SICP 0#. RIH w/3 1/8" TCP guns & tbg. Set guns on depth. MIRU Parker pump truck & pressured to 4500#. Perforated Wolfcamp @ 16774' (3' 11 holes), 16741' (3' 10 holes), 16708' (3' 8 holes), 16675' (3' 7 holes). Total of 12', 36 holes. Guns loaded @ .38" EHD, 19 GC, 39" pen & 60° phasing. RDMO Parker pump truck. POOH & LD tbg. Left EOT @ 10324'. DCC \$6,440. TCC \$374,969. TDC \$2,963,013. TWC \$3,337,942. (CB)
DEC 18 2015	SITP 0#. SICP 0#. Continue POOH & LD tbg (all guns fired). ND BOP & adapter spool & NU 10k frac valve (MOC I) & capping flange. SWI. RDMO L&R WS. Released all rental equipment. DCC \$10,640. TCC \$385,609. TDC \$2,963,013. TWC \$3,348,582. (CB)
DEC 19-21 2015	Filling Frac Pond. TCC \$385,609. TDC \$2,963,013. TWC \$3,348,582.