

McClure Oil Company, Inc.**UNIVERSITY '43' No. 1**

660' FSL and 660' FEL of Section 43, Block 9, University Lands, Andrews County, Texas

GL: KB: TD: PBTB: Pfs:

10/29/11	Stake loc. Settle damages w/surf owner. DWC: \$16,200.00	CWC: \$ 16,200.00
11/01/11	Bldg road, loc & pits. DWC: \$ 7,000.00	CWC: \$ 23,200.00
11/02/11	Cont bldg road, loc & pits. DWC: \$ 7,000.00	CWC: \$ 30,200.00
11/03/11	Cont bldg road, loc & pits. DWC: \$ 7,000.00	CWC: \$ 37,200.00
11/04/11	Cont bldg road, loc & pits. DWC: \$ 7,000.00	CWC: \$ 44,200.00
11/05/11	Cont bldg road, loc & pits. DWC: \$ 7,000.00	CWC: \$ 51,200.00
11/06/11	SDF weekend.	
11/07/11	SDF weekend.	
11/08/11	Cont bldg road, loc & pits. DWC: \$ 7,000.00	CWC: \$ 58,200.00
11/09/11	Fin loc, road & pits. Line pits. DWC: \$ 6,000.00	CWC: \$ 64,200.00
11/10/11		
To		
11/28/11	WORT	
11/29/11	<u>Day 1: Depth 223' . PO: Drlg. SPUD 1:00 AM 11/29/11.</u> Made 183' in 24 hrs. BHA: 1 – 17½" bit (1.00'), 1 bit sub (2.80'), 6 – 6¼" DCs (178.00'), 1 XO (2.93'). Tot 184.73'. Bit #1, 17½", GTX-C1, SN 5199858, in @ 40', out @ 223', made 183' in 5 hrs. WOB 12,000#, SPM 70, PP 190. RT Hrs: MIRU 16, Mix spud md 3, Drlg 5. Tot 24 hrs. DWC: \$32,750.00 CWC: \$96,950.00	
11/30/11	<u>Day 2: Depth 365' rd bd. PO: Install wellhead.</u> Made 142' in 24 hrs. WLS ½° 246'. BHA: 1 – 17½" bit (1.00'), 1 bit sub (2.80'), 6 – 6¼" DCs (178.00'), 1 XO (2.93'). Tot 184.73'. Bit #1, 17½", GTX-C1, SN 5199858, in @ 40', out @ 325', made 325' in 8½ hrs. WOB 12,000#, SPM 70, PP 190 psi. CASING DETAIL: 9 jts 13⅜" (360.68'). CEMENT DETAIL: 400 sxs Cl 'C' + 2% CaCl. Yield 1.32. Wt 14.8. Circ 183 sxs to surf. RT Hrs: WLS ½, Drlg 3½, Clean pmp ½, Clean flowline 1, TOO 1, Run csg 1, Cmt 2, WOC & jet pits 6, Clean cellar, cut off csg & weld wellhead 8. Tot 24 hrs. DWC: \$46,450.00 CWC: \$143,400.00	
12/01/11	<u>Day 3: Depth 804' rd bd. PO: Drlg.</u> Made 439' in 24 hrs. WLS 1° 730'. BHA: 1 – 11" bit (1.00'), 1 – 8" shock sub (6.73'), 1 bit sub (1.91'), 6 – 8" DCs (178.00'), 1 XO (2.93'), 15 - 6¼" DCs (444.81) Tot 635.38'. Bit #2, 11", Q506F, SN 7035055, in @ 365', made 439' in 6½ hrs. WOB 10,000#, SPM 120, PP 500 psi. MW 10, Vis 29, pH 10. RT Hrs: Welding wellhead 2, WO spool & flowline 2½, NU BOP 7, Tst BOP to 500#, OK ½, PU tools & TIH 2, Drlg 6½, WLS ½. Tot 24 hrs. DWC: \$43,850.00 CWC: \$187,250.00	
12/02/11	<u>Day 4: Depth 2195' . PO: Drlg.</u> Made 1391' in 24 hrs. WLS ½° 1201', ¼° 1678'. BHA: 1 – 11" bit (1.00'), 1 – 8" shock sub (6.73'), 1 bit sub (1.91'), 6 – 8" DCs (178.00'), 1 XO (2.93'), 15 - 6¼" DCs (444.81) Tot 635.38'. Bit #2, 11", Q506F,	

660' FSL and 660' FEL of Section 43, Block 9, University Lands, Andrews County, Texas

GL: KB: TD: PBTB: Pfs:

	SN 7035055, in @ 365', made 1830' in 29½ hrs. WOB 15,000#, SPM 120, PP 600 psi. MW 9.5, Vis 29, pH 10. RT Hrs: Drlg 23, WLS 1. Tot 24 hrs. DWC: \$16,125.00 CWC: \$203,375.00
12/03/11	<u>Day 5: Depth 3091' . PO: Drlg.</u> Made 896' in 24 hrs. WLS 1° 2153', 1° 2628'. BHA: 1 – 11" bit (1.00'), 1 – 8" shock sub (6.73'), 1 bit sub (1.91'), 6 – 8" DCs (178.00'), 1 XO (2.93'), 15 - 6¼" DCs (444.81) Tot 635.38'. Bit #2, 11", Q506F, SN 7035055, in @ 365', made 2726' in 52½ hrs. WOB 15,000#, SPM 120, PP 700 psi. MW 9.8, Vis 29, pH 10. RT Hrs: Drlg 23, WLS 1. Tot 24 hrs. DWC: \$16,075.00 CWC: \$219,450.00
12/04/11	<u>Day 6: Depth 3757' . PO: Drlg.</u> Made 666' in 24 hrs. WLS 1¼° 3103', ¾° 3579'. BHA: 1 – 11" bit (1.00'), 1 – 8" shock sub (6.73'), 1 bit sub (1.91'), 6 – 8" DCs (178.00'), 1 XO (2.93'), 15 - 6¼" DCs (444.81) Tot 635.38'. Bit #2, 11", Q506F, SN 7035055, in @ 365', made 3392' in 75½ hrs. WOB 25,000#, SPM 120, PP 900 psi. MW 10, Vis 29, pH 10. RT Hrs: Drlg 24, WLS 1. Tot 24 hrs. DWC: \$16,550.00 CWC: \$236,000.00
12/05/11	<u>Day 7: Depth 4160' . PO: Drlg.</u> Made 403' in 24 hrs. WLS ¾° 405'. BHA: 1 – 11" bit (1.00'), 1 – 8" shock sub (6.73'), 1 bit sub (1.91'), 6 – 8" DCs (178.00'), 1 XO (2.93'), 15 - 6¼" DCs (444.81) Tot 635.38'. Bit #2, 11", Q506F, SN 7035055, in @ 365', made 3795' in 99 hrs. WOB 28,000#, SPM 120, PP 800 psi. MW 10, Vis 29, pH 10. RT Hrs: Drlg 23½, WLS ½. Tot 24 hrs. DWC: \$75,875.00 CWC: \$311,875.00
12/06/11	<u>Day 8: Depth 4350' . PO: Drlg.</u> Made 190' in 24 hrs. BHA: 1 – 11" bit (1.00'), 1 – 8" shock sub (6.73'), 1 bit sub (1.91'), 6 – 8" DCs (178.00'), 1 XO (2.93'), 15 - 6¼" DCs (444.81) Tot 635.38'. Bit #2, 11", Q506F, SN 7035055, in @ 365', made 3985' in 122 hrs. WOB 30,000#, SPM 70, PP 1000 psi. MW 10, Vis 29, pH 10. RT Hrs: Drlg 23, Rpr #1 pmp 1. Tot 24 hrs. DWC: \$34,625.00 CWC: \$346,500.00
12/07/11	<u>Day 9: Depth 4359' . PO: TIH w/new bit.</u> Made 9' in 24 hrs. BHA: 1 – 11" bit (1.00'), 1 – 8" shock sub (6.73'), 1 bit sub (1.91'), 6 – 8" DCs (178.00'), 1 XO (2.93'), 15 - 6¼" DCs (444.81) Tot 635.38'. Bit #2, 11", Q506F, SN 7035055, in @ 365', out @ 4359', made 3994' in 124 hrs. WOB 30,000#, SPM 70, PP 1000 psi. MW 10, Vis 29, pH 10. RT hrs: Drlg 2, TOH w/rd bd drag 4, Working bit thru spool 2, TIH 3, Reaming thru bridges & TIH 13. Tot 24 hrs. DWC: \$24,900.00 CWC: \$371,400.00
12/08/11	<u>Day 10: Depth 4790' . PO: Drlg.</u> Made 431' in 24 hrs. WLS ¾° 4527'. BHA: 1 – 11" bit (1.00'), 1 – 8" shock sub (6.73'), 1 bit sub (1.91'), 6 – 8" DCs (178.00'), 1 XO (2.93'), 15 - 6¼" DCs (444.81) Tot 635.38'. Bit #3, 11", S616S, SN S12968, in @ 4359', made 431' in 21½ hrs. WOB 28,000#, SPM 120, PP 900 psi. MW 10, Vis 29, pH 10. RT Hrs: TIH ½, Wash to btm ½, Drlg 21½, WLS ½, Rig rpr (electrical breakers), No brine wtr 1. Tot 24 hrs. DWC: \$50,000.00 CWC: \$421,400.00
12/09/11	<u>Day 11: Depth 4935' . PO: TIH w/8½" 32# csg.</u> Made 146' in 24 hrs. BHA: 1 – 11" bit (1.00'), 1 – 8" shock sub (6.73'), 1 bit sub (1.91'), 6 – 8" DCs (178.00'), 1 XO (2.93'), 15 - 6¼" DCs (444.81) Tot 635.38'. Bit #3, 11", S616S, SN S12968, in @ 4359', out @ 4935', made 576' in 28 hrs. WOB 28,000#, SPM 120, PP 900 psi. MW 10, Vis 29, pH 10. RT Hrs: Drlg 1, Circ, run fl caliper ½, Drlg 5½, Circ 1½, TOOH 3, RU LD machine, LD DCs 2½, RU csg crew, TIH to run csg 10. Tot 24 hrs.

660' FSL and 660' FEL of Section 43, Block 9, University Lands, Andrews County, Texas

GL:

KB:

TD:

PBTD:

Pfs:

	DWC: \$17,200.00	CWC: \$438,600.00
12/10/11	<p><u>Day 12: Depth 4935'. PO: WOC & NUBOP. CASING DETAIL: 121 jts, 8⁵/₈", 32#. Set @ 4926.33'. DV tool @ 3250.8'. CEMENT DETAIL: 1st Stage: lead 600 sxs, 13.50#. 2nd lead: 900 sxs, 11.80#. Tail 200 sxs 14.80#. Did not landplug or circ cmt to surf. Final lift 780 psi. Bled back 1 bbl. Floats held. Opened DV tool w/680 psi @ 12:28 pm. Circ while WO final stage cmt to arrive. Did not circ cmt off DV tool. 2nd Stage Lead: 700 sxs. Land plug @ 7:57 pm. Final lift 2334 psi. Circ 60 bbls (193 sxs) to surf. RT hrs: Washing 8⁵/₈" csg to btm 2¹/₂, RD csg crew & LD machine 1/2, RU O-Tex & cmt 1st stage 4, Circ while waiting for final stage cmt to arrive 6, Cmt 2nd stage 1, Clean stack & prep to set slips 2, ND BOP, set slips, cut csg, install B section, NU BOP & jet pits 8. Tot 24 hrs.</u></p>	
	DWC: \$118,200.00	CWC: \$556,800.00
12/11/11	<p><u>Day 13: Depth 4950'. PO: Drlg. Made 15' in 24 hrs. BHA: 1 - 7⁷/₈" bit (1.00'), 1 - 6¹/₂" Motor LS (30.29'), 1 7⁷/₈" IBS (6.07'), 2 - 6¹/₄" DCs (62.06'), 1 7⁷/₈" IBS (5.92), 13 - 6¹/₄" DCs (382.75). Tot 488.09'. Bit #3, 11", S616S, SN S12968, in @ 4359', out @ 4935, made 576' in 28 hrs. Bit #4, U616M, 7⁷/₈", SN M13123, in @ 4935', made 15' in 1 1/2 hrs. WOB 15,000#, SPM 120, PP 1100 psi. RT Hrs: Jet pits 1 1/2, PU BHA & TIH 1, Sting up new drlg line 11, TIH w/12 stds & PU kelly 1, Drlg DV tool 2 1/2, TIH w/DP 1 1/2, Circ & tst pipe rams to 500 psi 2, TIH w/DP, tagged cmt @ 4885' 1/2, Drll float equipment 1 1/2, Drlg 1 1/2. Tot 24 hrs.</u></p>	
	DWC: \$22,525.00	CWC: \$579,325.00
12/12/11	<p><u>Day 14: Depth 5617' dolo, lm, sd. PO: Drlg. Made 667' in 24 hrs. WLS 1 1/2° 5013', 1 1/2° 5484'. BHA: 1 - 7⁷/₈" bit (1.00'), 1 - 6¹/₂" Motor LS (30.29'), 1 7⁷/₈" IBS (6.07'), 2 - 6¹/₄" DCs (62.06'), 1 7⁷/₈" IBS (5.92), 13 - 6¹/₄" DCs (382.75). Tot 488.09'. Bit #4, U616M, 7⁷/₈", SN M13123, in @ 4935', made 682' in 24 1/2 hrs. WOB 25,000#, SPM 70, PP 1100 psi. MW 8.8, Vis 35, pH 10. RT Hrs: Drlg 23, WLS 1. Tot 24 hrs.</u></p>	
	DWC: \$14,525.00	CWC: \$593,850.00
12/13/11	<p><u>Day 15: Depth 6472' dolo, lm. PO: Drlg. Made 855' in 24 hrs. WLS 1° 5960', 1 1/4° 6433'. BHA: 1 - 7⁷/₈" bit (1.00'), 1 - 6¹/₂" Motor LS (30.29'), 1 7⁷/₈" IBS (6.07'), 2 - 6¹/₄" DCs (62.06'), 1 7⁷/₈" IBS (5.92), 13 - 6¹/₄" DCs (382.75). Tot 488.09'. Bit #4, U616M, 7⁷/₈", SN M13123, in @ 4935', made 1537' in 47 hrs. RPM 60, WOB 25,000#, SPM 70, PP 1200 psi. MW 8.7, Vis 37, pH 9.5. RT Hrs: Drlg 7, Circ, clean hole, pulled 30 over to make conn 1/2, Drlg 3, WLS 1/2, Drlg 5 1/2, Lost circ, mix LCM pill, regained circ 1/2, Drlg 6 1/2, WLS 1/2. Tot 24 hrs.</u></p>	
	DWC: \$27,650.00	CWC: \$621,500.00
12/14/11	<p><u>Day 16: Depth 6777' lm dolo. PO: Drlg. Made 305' in 24 hrs. BHA: 1 - 7⁷/₈" bit (1.00'), 1 - 6¹/₂" Motor LS (30.29'), 1 7⁷/₈" IBS (6.07'), 2 - 6¹/₄" DCs (62.06'), 1 7⁷/₈" IBS (5.92), 13 - 6¹/₄" DCs (382.75). Tot 488.09'. Bit #4, U616M, 7⁷/₈", SN M13123, in @ 4935', out @ 6777', made 1842' in 55 1/2 hrs. RPM 51, WOB 15,000#, SPM 110, PP 1250 psi. MW 8.5, Vis 35, pH 9. RT Hrs: Drlg 6, Lost circ, mix LCM, no circ 1 1/2, TOO H /4 stds 1/2, No circ, mix LCM pills 1 1/2, TOO H w/16 stds, @ 4898' 3, Circ, worked on #2 pmp, full returns 3, TIH w/4 stds, circ, full returns 1/2, TIH w/5 stds, circ, full returns 1, TIH w/5 stds, circ, full returns 1, TIH w/3 stds, circ, full returns 1/2, Drlg 1 1/2, Lost circ, mix LCM pill, full returns 2 1/2, Drlg 6777' 1 1/2. Tot 24 hrs.</u></p>	
	DWC: \$48,300.00	CWC: \$669,800.00

660' FSL and 660' FEL of Section 43, Block 9, University Lands, Andrews County, Texas

GL:

KB:

TD:

PBTD:

Pfs:

12/15/11	<p><u>Day 17: Depth 7023' lm, sd. PO: Rpr pump #1 & hauling H2O. Made 266' in 24 hrs. WLS 1¼° 6869'. BHA: 1 – 7⅞" bit (1.00'), 1 – 6½" Motor LS (30.29'), 1 7⅞" IBS (6.07'), 2 – 6¼" DCs (62.06'), 1 7⅞" IBS (5.92), 13 – 6¼" DCs (382.75). Tot 488.09'. Bit #4, U616M, 7⅞", SN M13123, in @ 4935', made 2088' in 60½ hrs. RPM 60, WOB 15,000#, SPM 110, PP 1250 psi. MW 8.6, Vis 32, pH 9. RT Hrs: Drlg 3, Bit plugged, could not unplug 1, TOO H to 4889', LD plugged cllr, replaced, cleaned mtr, IBS & bit 6½, TIH w/BHA, PU kelly, pmpd thru BHA, OK 2, TIH 3½, Washed to btm 1, WLS ½, Mix LCM, worked on #2 pmp 2, pmpd pill 1½, Drlg 2, Hauling wtr, bldg vol in reserve, working on #1 pmp/replace lnr 3. Tot 24 hrs.</u></p> <p>DWC: \$14,450.00</p>
12/16/11	<p><u>Day 18: Depth 7606' lm, dolo. PO: Drlg. Made 583' in 24 hrs. WLS 1¼° 7344'. BHA: 1 – 7⅞" bit (1.00'), 1 – 6½" Motor LS (30.29'), 1 7⅞" IBS (6.07'), 2 – 6¼" DCs (62.06'), 1 7⅞" IBS (5.92), 13 – 6¼" DCs (382.75). Tot 488.09'. Bit #4, U616M, 7⅞", SN M13123, in @ 4935', made 2671' in 77½ hrs. RPM 60-85, WOB 24,000#, SPM 70, PP 1250 psi. MW 8.5, Vis 34, pH 9.55. RT Hrs: Build vol in reserve 2, Drlg 2½, Mix & pmp LCM pill, full returns 1, Circ & MU in working pits 3½, Drlg 10, WLS ½, Drlg 4½. Tot 24 hrs.</u></p> <p>DWC: \$24,650.00</p>
12/17/11	<p><u>Day 19: Depth 8302' lm dolo. PO: Drlg. Made 696' in 24 hrs. WLS 1¼° 7807'. BHA: 1 – 7⅞" bit (1.00'), 1 – 6½" Motor LS (30.29'), 1 7⅞" IBS (6.07'), 2 – 6¼" DCs (62.06'), 1 7⅞" IBS (5.92), 13 – 6¼" DCs (382.75). Tot 488.09'. Bit #4, U616M, 7⅞", SN M13123, in @ 4935', made 3367' in 99½ hrs. RPM 60/86, WOB 25,000#, SPM 70, PP 1250 psi. MW 8.4, Vis 30 pH 9. RT Hrs: Drlg 7½, WLS ½, Drlg 1, Mix & pmp LCM pill 1½, Drlg 13½. Tot 24 hrs.</u></p> <p>DWC: \$16,225.00</p>
12/18/11	<p><u>Day 20: Depth 8703' lm dolo sh. PO: Drlg. Made 401' in 24 hrs. WLS 1¼° 8290'. BHA: 1 – 7⅞" bit (1.00'), 1 – 6½" Motor LS (30.29'), 1 7⅞" IBS (6.07'), 2 – 6¼" DCs (62.06'), 1 7⅞" IBS (5.92), 13 – 6¼" DCs (382.75). Tot 488.09'. Bit #4, U616M, 7⅞", SN M13123, in @ 4935', made 3772' in 121 hrs. RPM 60/86, WOB 27,000#, SPM 70, PP 1150 psi. MW 8.6, Vis 40, pH 9. RT Hrs: Drlg 2, WLS ½, Drlg 3, Mudding up, hauling wtr 2, Drlg 16½. Tot 24 hrs.</u></p> <p>DWC: \$36,700.00</p>
12/19/11	<p><u>Day 21: Depth 8971' lm dolo sh. PO: Drlg. Made 268' in 24 hrs. WLS ½° 8800'. BHA: 1 – 7⅞" bit (1.00'), 1 – 6½" Motor LS (30.29'), 1 7⅞" IBS (6.07'), 2 – 6¼" DCs (62.06'), 1 7⅞" IBS (5.92), 13 – 6¼" DCs (382.75). Tot 488.09'. Bit #4, U616M, 7⅞", SN M13123, in @ 4935', made 4036' in 142 hrs. RPM 60/57, WOB 28,000#, SPM 70, PP 1150 psi. MW 8.3, Vis 35, pH 9. RT Hrs: Drlg 10, WLS ½, Drlg 3, Lost circ, mix LCM pill, regained circ 1, Drlg 1½, Lost circ, mix LCM pill, regained circ 1, Drlg 3, Lost circ, mix LCM pill, regained circ 1½, Jet suction pit 1, Drlg 1½. Tot 24 hrs.</u></p> <p>DWC: \$21,125.00</p>
12/20/11	<p><u>Day 22: Depth 9111' chert, dolo, lm, sh. PO: TIH w/DCs & hi-drum rpr. Made 140' in 24 hrs. BHA: 1 – 7⅞" bit (1.00'), 1 – 6½" Motor LS (30.29'), 1 7⅞" IBS (6.07'), 2 – 6¼" DCs (62.06'), 1 7⅞" IBS (5.92), 13 – 6¼" DCs (382.75). Tot 488.09'. Bit #4, U616M, 7⅞", SN M13123, in @ 4935', out @ 9111', made 4176' in 153½ hrs. Bit #5, 7⅞", 739KRS, Ulterra, SN CZ966, in @ 9111'. RPM 60/52, WOB 28,000#, SPM 104, PP 1150 psi. MW 9.3, Vis 36, pH 9. RT Hrs:</u></p> <p>DWC: \$782,950.00</p>

660' FSL and 660' FEL of Section 43, Block 9, University Lands, Andrews County, Texas

GL: KB: TD: PBTB: Pfs:

	MU, mix LCM pill, pmp pill 5, Drlg 11½, TOO H 6½, TIH w/new insert bit & DCs 1. Tot 24 hrs. DWC: \$58,000.00 CWC: \$840,950.00
12/21/11	<u>Day 23: Depth 9240' dolo, lm, sh. PO: Drlg.</u> Made 129' in 24 hrs. BHA: 1 – 7⅞" bit (1.00'), 1 – 6½" Motor LS (30.29'), 1 7⅞" IBS (6.07'), 2 – 6¼" DCs (62.06'), 1 7⅞" IBS (5.92), 13 – 6¼" DCs (382.75). Tot 488.09'. Bit #5, 7⅞", 739KRS, Ulterra, SN CZ966, in @ 9111', made 129' in 13 hrs. RPM 60/52, WOB 28,000#, SPM 103, PP 960 psi. MW 8.4, Vis 33, pH 9. RT Hrs: Work on drawworks (replace chain on Hi-Drum) 5, Cut & slip drlg line 1½, TIH 4, Break circ & wash to btm ½, Drlg 13. Tot 24 hrs. DWC: \$16,350.00 CWC: \$857,300.00
12/22/11	<u>Day 24: Depth 9426' sh, lm, dolo.</u> Made 186' in 24 hrs. WLS 1° 9295'. BHA: 1 – 7⅞" bit (1.00'), 1 – 6½" Motor LS (30.29'), 1 7⅞" IBS (6.07'), 2 – 6¼" DCs (62.06'), 1 7⅞" IBS (5.92), 13 – 6¼" DCs (382.75). Tot 488.09'. Bit #5, 7⅞", 739KRS, Ulterra, SN CZ966, in @ 9111', out @ 9426', made 315' in 26½ hrs. RPM 60/56, WOB 38,000#, SPM 70, PP 1150 psi. MW 8.6, Vis 33, pH 9. RT Hrs: TOO H w/5 stds ½, Circ & cond mud 6, TIH w/5 stds ½, Ream & wash to btm ½, Circ ½, Drlg 7½, WLS ½, Drlg 6, Circ & cond mud 2. Tot 24 hrs. DWC: \$35,925.00 CWC: \$893,225.00
12/23/11	<u>Day 25: Depth 9426'. PO: TIH.</u> RT Hrs: Circ & mix mud 3½, TOO H w/25 stds 1½, TIH w/25 stds 1, Circ & cond mud (45 vis), run Fluid Caliper 3½, TOO H 5½, RU Loggers 1, Log well 7, RD loggers 1. Tot 24 hrs. DWC: \$70,650.00 CWC: \$963,875.00
12/24/11	<u>Day 26: TD 9426'. PO: WOC.</u> CASING DETAIL: 225½ jts, 5½", 17#. Set @ 9426.22'. DV tool @ 8391.12'. CEMENT DETAIL: 1st Stage: 100 sxs lead @ 11.8# (41 bbls). 500 sxs tail @ 14.4# (114 bbls). Bump plug @ 1651 psi @ 1:09 pm. 2nd Stage: 600 sxs lead @ 11.8# (244 bbls). 100 sxs tail @ 15.6# (21 bbls). Bump plug @ 2402 psi. Close DV tool @ 8:43 pm. 1¾ bbls back. RT Hrs: TIH 3½, RU LD machine ½, LDDP & DCs 9½, TIH w/5½" csg 6½, WO bulk cmt 2. Tot 24 hrs. DWC: \$179,650.00 CWC: \$1,143,525.00
12/25/11	<u>Day 27: TD 9426'. PO: WOC.</u> RELEASED RIG @ 6:00 AM 12/25/11. RT Hrs: WO bulk cmt 5, Cmt 1 st Stage 3, Op DV tool w/1322 psi @ 2:00 PM, Circ 5, Cmt 2 nd stage 2, DV tool @ 8:43 PM, 1¾ bbls back 2, ND BOP 1½, Set slips, NU wellhead 3½, Jet & clean pits 4, Tot 24 hrs. DWC: \$97,450.00 CWC: \$1,243,975.00
01/11/12	<u>TD 9426'. PO: DO DV tool.</u> PU 6 – 4" DCs & 4¾" bit. GIH w/2⅞" tbg to 7900'. SDFN. DWC: \$6,850.00 CWC: \$1,250,825.00
01/12/12	<u>TD 9426'. PO: Prep to log & perf.</u> Fin GIH w/2⅞" tbg. Tag t/cmt @ 8343'. Drill to DV tool @ 8406'. Drill 4½ hrs on DV tool. Go down to 9335'. SDFN. DWC: \$5,500.00 CWC: \$1,256,325.00
01/13/12	<u>TD 9426'. PO: Prep to perf.</u> Displace hole w/KCL wtr (170 bbls). Pull tbg & LD DCs & bit. Log well w/Black Warrior. Run CNL/GR & CMT BOND LOG. Good perforating cmt across producing intervals. TOC @ 5936'. SDFN. DWC: \$13,464.00 CWC: \$1,269,789.00
03/20/12	<u>TD 9426'. PO: Prep to perf.</u> MIRUPU. Install BOP. Pull 289 jts. SDFN. DWC: \$ 2,175.00 CWC: \$1,271,964.00

660' FSL and 660' FEL of Section 43, Block 9, University Lands, Andrews County, Texas

GL: KB: TD: PBTB: Pfs:

03/22/12	TD 9426'. Prep to acid. Crew to loc @ 7:30 A.M. RU perforator. GIH. 1 st run did not shoot. 2 nd run Perf 9246-56', 9262-67' (2 JSPF) 30 holes. Pick up pkr & GIH to 9163' SDFN.
03/23/12	TD 9426'. Prep to swab. Crew & Rising Star on loc @ 8:00 A.M. RU acidizers. Check all lines. Attempt to break down form w/wtr. Could not get break with 4,900# on form. Rlse pkr & spot 100 gal acid. Set pkr. Pmp 0.8 bbls @ 4051#. Pmp 4.8 bbls @ 5000#. SD. 5 min press dropped to 3280#. Pmp 5.8 bbls @ .4 BPM. Press @ 4981#. SD 5 mins. Start pmpg @ 2500#. Build to 3161 psi. Pmp @ 4.2 BPM. Press build to 4800. SD 5 mins. Resume pumping. With acid on formation, pressure fell to 3400#, then to 1700#. Rate of 4.1 BPM @ 1720 psi. Displace to top perf. Tot load 125 bbls. ISIP vacuum. RU to swab. Made 13 runs rec 72 bbls. FL @ 4200'. No acid gas but some spent acid. SDFN.
03/24/12	TD 9426'. Crew on loc @ 7:30 A.M. GIH w/swab & tag FL @ 4400'. Swab fl to 4550'. Start getting OC w/148 bbls rec. FL starting coming up to 4400'. Swab back 198 bbls tot. FL @ 4150' (OC 10%). SDFN.
03/25/12	SDF weekend.
03/26/12	SDF weekend.
03/27/12	Swbg 8½ hrs. Rec 110 bbls. Tot 308 bbls. Good amount of gas. OC improving.
03/28/12	Crew on loc 7:30 A.M. TP 350 psi. Bleed off gas. Attempt to rlse pkr. Can come up but not go down. Well blew out tbg. Started OOH. Still C/N go down. POOH. LD pkr. Go BIH w/prod string. From btm to top: md jt, PS, SN, 7 jts, TAC, 292 jts 2⅞" tbg. Btm of tbg 9325'. SN @ 9270'. SDFN.
03/29/12	Unload rds. GIH w/26' x 1½" pmp & 1¼" x 12' GA. Run 6 - 1⅝" K-bars, 52 - ⅞" Grade D, 103 - 1" Grade D, 138 - 1¼" FG rds, 1 - 9' x 1¼" pony rd & pol rd. Space well 65" off btm. C/N get a pump truck to load tbg. Clean up loc. SD.
04/01/12	SD.
04/02/12	SDF weekend.
04/03/12	SDF weekend.
04/04/12	Set Champion 320-305-100 pmpg unit. Hang on. Connect to generator. Balance unit. Well pmpg to frac tanks. Static FL 126 jts f/surf. P 5 BO & 41 BW in 15 hrs. D/N hang on until 6:30 PM. C/N get a truck to load the tbg. Ran well on 30% overnight to prevent packing from burning up until tbg filled up. Well now on hand.
04/05/12	P 10 BO & 229 BW in 24 hrs.
04/06/12	P 49 BO & 186 BW in 24 hrs. FL 122 jts f/surf.
04/07/12	P 61 BO & 149 BW in 24 hrs.
04/08/12	P 54 BO & 138 BW in 24 hrs.
04/09/12	P 55 BO & 143 BW in 24 hrs. 8.1 SPM. FL 137 jts f/surf.
04/10/12	Moved oil from tst tanks to battery. P 49 BO & 149 BW in 24 hrs.
04/11/12	P 55 BO & 162 BW in 24 hrs.
04/12/12	P 44 BO & 180 BW in 24 hrs. FL 142 jts f/surf. Connect well to battery.
04/13/12	P 35 BO & 195 BW in 24 hrs.
04/14/12	P 52 BO & 190 BW in 24 hrs.
04/15/12	P 55 BO & 190 BW in 24 hrs. Sped unit up to 9.5 SPM to help lower FL.
04/16/12	P 55 BO & 150 BW in 24 hrs.
04/17/12	P 83 BO & 210 BW in 24 hrs.
04/18/12	P 75 BO & 190 BW in 24 hrs.
04/19/12	P 81 BO & 220 BW in 24 hrs. FL 168 jts f/surf.

660' FSL and 660' FEL of Section 43, Block 9, University Lands, Andrews County, Texas

GL: KB: TD: PBTB: Pfs:

04/20/12	P 61 BO & 200 BW in 24 hrs.
04/21/12	P 11 BO & 250 BW in 24 hrs. Pulled wtr. From tks
04/22/12	P 63 BO & 190 BW in 24 hrs.
04/23/12	P 58 BO & 220 BW in 24 hrs.
04/24/12	P 52 BO & 220 BW in 24 hrs.
04/25/12	P 5.5 BO & 20 BW. Generator down 16 hrs.
04/26/12	P 5 BO & 40 BW. Generator back on. Power lines have been installed. WO Oncor for meter connection.
04/27/12	P 5.5 BO & 20 BW Generator down. WO Oncor for meter connection.
04/28/12	P 5.5 BO & 180 BW. WO Oncor for meter connection.
4/29/12	P 30 BO & 190 BW. WO Oncor for meter connection.
4/30/12	P 41 BO & 230 BW. WO Oncor for meter connection.
05/01/12	FL 168 jts f/surf. Well had been down a couple of days. Will reshoot later in the week. P 30 BO & 220 BW. WO Oncor for meter connection.
05/02/12	P 30 BO & 240 BW in 24 hrs. WO Oncor for meter connection.
05/03/12	P 5½ BO & 40 BW. Generator down. WO Oncor for meter connection.
05/04/12	P 8 BO & 200 BW in 24 hrs. WO Oncor for meter connection.
05/05/12	P 19 BO & 230 BW in 24 hrs. WO Oncor for meter connection.
05/06/12	P 25 BO & 230 BW in 24 hrs. WO Oncor for meter connection.
05/07/12	P 28 BO & 220 BW in 24 hrs. WO Oncor for meter connection.
05/08/12	P 25 BO & 230 BW in 24 hrs. FL 166 jts f/surf. WO Oncor for meter connection.
05/09/12	P 30 BO & 230 BW in 24 hrs. WO Oncor for meter connection.
05/10/12	P 41 BO & 220 BW in 24 hrs. WO Oncor for meter connection.
05/11/12	P 50 BO & 200 BW in 24 hrs. WO Oncor for meter connection. FL 171 jts f/surf.
05/12/12	P 41 BO & 220 BW in 24 hrs. WO Oncor for meter connection.
05/13/12	P 8.3 BO & 60 BW. Generator down. WO Oncor for meter connection.
05/14/12	P 5.5 BO & 70 BW. Generator down. WO Oncor for meter connection.
05/15/12	P 28 BO & 210 BW in 24 hrs. WO Oncor for meter connection.
05/16/12	P 36 BO & 210 BW in 24 hrs. WO Oncor for meter connection.
05/17/12	P 33 BO & 220 BW in 24 hrs. WO Oncor for meter connection.
05/18/12	P 30 BO & 220 BW in 24 hrs. WO Oncor for meter connection.
05/19/12	P 28 BO & 210 BW in 24 hrs. WO Oncor for meter connection.
05/20/12	P 34 BO & 220 BW in 24 hrs. WO Oncor for meter connection.
05/21/12	P 30 BO & 220 BW in 24 hrs. WO Oncor for meter connection.
05/22/12	P 39 BO & 210 BW in 24 hrs. WO Oncor for meter connection.
05/23/12	P 44 BO & 220 BW in 24 hrs. WO Oncor for meter connection.
05/24/12	P 41 BO & 190 BW in 24 hrs. WO Oncor for meter connection.
05/25/12	P 39 BO & 200 BW in 24 hrs. WO Oncor for meter connection.
05/26/12	P 39 BO & 220 BW in 24 hrs. WO Oncor for meter connection.
05/27/12	P 39 BO & 210 BW in 24 hrs. WO Oncor for meter connection.
05/28/12	P 39 BO & 210 BW in 24 hrs. WO Oncor for meter connection.
05/29/12	P 41 BO & 220 BW in 24 hrs. WO Oncor for meter connection.
05/30/12	P 39 BO & 220 BW in 24 hrs. WO Oncor for meter connection.
05/31/12	P 39 BO & 220 BW in 24 hrs. WO Oncor for meter connection.
06/01/12	P 36 BO & 210 BW in 24 hrs. WO Oncor for meter connection.
06/02/12	P 36 BO & 220 BW in 24 hrs. Oncor connected meter.
06/03/12	P 33 BO & 220 BW in 24 hrs.
06/04/12	P 30 BO & 220 BW in 24 hrs. FINAL REPORT.

660' FSL and 660' FEL of Section 43, Block 9, University Lands, Andrews County, Texas

GL: KB: TD: PBTB: Pfs:

06/05/12	P 30 BO & 210 BW in 24 hrs.
06/06/12	P 30 BO & 220 BW in 24 hrs.
06/07/12	P 30 BO & 210 BW in 24 hrs.
06/08/12	FL 184 jts f/surf.
06/15/12	Had to reset. Well was down.
06/17/12	Well down. Prep to pull.
06/18/12	<u>PO: Pull tbg.</u> MIRU R H Well Service. Unseat pmp & TOO H w/same. NU BOP. Unset TAC & TOO H w/20 stds of tbg. SD & secure WH. DWC: \$ 2,670.00 CWC: \$ 2,670.00
06/19/12	<u>PO: Prep to perf.</u> Op well. TOO H w/rest of tbg. RU Express WL & TIH. Set CIBP @ 9230'. Perf 2 JSPF @ 9198' & 9204' . RD Express WL. TIH w/5½" Sac R pkr, SN & tbg to 9000'. SDFN. Secure WH. DWC: \$10,945.00 CWC: \$13,615.00
06/20/12	<u>PO: Prep to acid.</u> TIH w/tbg to 9210'. RU Richco & spot 100 gals of 15% NEFE acid across pfs. Raise tbg to 9088'. Pmp remainder of 750 gals of acid into tbg & follow it w/20 bbls FW. Set pkr @ 9088'. Break form down. Broke @ 3600 psi. Rate of 1.5 BPM @ 4100 psi. Broke back to 2.5 BPM @ 3090 psi. Balled out @ 4300 psi. Fin flush. ISIP @ 2080 psi. 5 min 860 psi. 10 min vac. Total load to rec 87 bbls. RD Richco. RU swab. Made 17 runs & rec 83 bbl. OC on last 3 runs 30-35%. Shut well in. DWC: \$ 9,035.00 CWC: \$22,650.00
06/21/12	<u>PO: Clean out after acid.</u> Pull tbg & pkr. GIH w/Cavens bailer. Could not get to CIBP. Not enough sand line on unit. Pull back OOH & SDFN. DWC: \$ 5,100.00 CWC: \$27,750.00
06/22/12	<u>PO: Prep to clean out after acid.</u> GIH w/Cavens bailer on tbg. Knock out CIBP. Clean out to 9360' & pull OOH. SDFN. DWC: \$ 7,790.00 CWC: \$35,540.00
06/23/12	SDF weekend.
06/24/12	SDF weekend.
06/25/12	<u>PO: Pmp rpr.</u> Crew on loc @ 7:30 AM. GIH w/2⅞" tbg. Tbg from btm: MA w/bull plug, 4' PS, SN, 7 jts tbg, TAC & 284 jts. Run pmp & rds f/btm up: 10' GA, Pmp (1¾" x 26', 2⅞"), 6 – K-bars, 52 - ⅞" steel rds, 103 – 1" steel rds, 138 – 1¼" FG rds, 1 – 9' FG sub & pol rd. Hang well on. Load & tst to 500 psi. Could not leave well pmpg due to electrical problem. NOTE: do not have pmp rpr cost. DWC: \$ 5,460.00 CWC: \$41,000.00
06/26/12	Made 22 BO & 130 BW.
06/27/12	Made 0 BO & 270 BW in 24 hrs.
06/28/12	Made 11 BO & 260 BW in 24 hrs.
06/29/12	Made 14 BO & 270 BW in 24 hrs.
06/30/12	Made 19 BO & 250 BW in 24 hrs.
07/01/12	Made 22 BO & 250 BW in 24 hrs.
07/02/12	Made 22 BO & 230 BW in 24 hrs.
07/19/12	FL 182 jts f/surf.
08/03/12	FL 181 jts f/surf.
09/21/12	FL 190 jts (6205') f/surf.
11/27/13	FL 209 jts f/surf.

660' FSL and 660' FEL of Section 43, Block 9, University Lands, Andrews County, Texas

GL: KB: TD: PBTB: Pfs:

01/15/14	RU Basic WS. Unseat pmp. LD 138 FG rds. Put steel rds in derrick. POOH w/tbg. SDFN.
01/16/14	RU Testco. PU RBP & tst tbg IH to 4000 psi. Set RBP @ 8350'. Tst csg to 1000 psi. Good. TOO H w/tbg. RUWL & TIH. Run GR-CNL-CBL log f/4920-5950'. No good cmt. LD logging tools. TIH & pf @ 5474' (4 shots). Est rate out annulus between 5½ & 8⅝" @ 3.7 BPM @ 500 psi. Prep to run retainer & cmt. Dump 1 sx of sand on RBP.
01/17/14	Run Cmt Retainer & pmp 32 BW thru it. Set same @ 5480'. RU Pro-Petro & pmp 120 bbls FW thru tbg & out annulus of 8⅝" & 5½ @ 600 psi. Mix & pmp 10 bbls of mud flush. Mix & pmp 200 sxs Cl C cmt into annulus. Displace cmt w/31.5 BFW. Sting out of retainer. Rev ½ bbl cmt. TOO H w/tbg. Well static. Had 1000 psi @ end of displacement. SDFN.
01/18/14	SDF weekend.
01/19/14	SDF weekend.
01/20/14	SDF weekend.
01/21/14	Op well. Blow air down. RU Express WL & TIH w/perf guns. Tag cmt @ 5315'. Retainer leaked 165' cmt into csg. RD Express. TIH w/bit, bit sub & 82 stds of tbg. Prep to DO 90' cmt.
01/22/14	RU rev unit. Drill cmt from 5315' to retainer @ 5480'. Drill retainer. Drill cmt from 5483 to 5524'. Tst csg to 500 psi. Good. TOO H. LD bit. RU Express WL & run CNL, CBL & CCL w/500 psi on csg. Cmt good. TOC @ 4470'. LD logging tools. TIH & perf @ 5330 – 5336'; 12 holes (2 JSPF). RD Express WL. PU pkr & TIH & set @ 5240'. Prep to swab.
01/23/14	Op well. Sli vac. 1 st run FL @ 100'. Made 7 runs & had FL @ 5000'. Wait 1 hr & FL came up 200'. Cont swbg hourly w/same results. No shows of O&G. Rec 28 bbls wtr. SDFN.
01/24/14	Unset pkr & lower pfs. RU Pro Petro & spot 250 gals 15% acid across pfs. Raise pkr to 5000'. Set same. Displace acid into pfs. Form broke @ 1000 psi. Put away @ .4 BPM @ 850 psi. Shut well in for 2 hrs. Swab load back plus 25 bbls. No show O&G. Had 1100'/hr of black wtr entering tbg. SDFN.
01/25/14	Op well. RU pmp truck & pmp est rat of 2 bbls/min @ 800 psi into pfs. Unset pkr & TOO H. RU Express WL & TIH. Set cmt retainer @ 5325'. RD Express. TIH & sting out into retainer. Prep to sqze pfs. SDFN.
01/26/14	SDF weekend.
01/27/14	SDF weekend.
01/28/14	RU Pro Petro & load tbg. Pmp 10 bbls @ est rate @ 2.5 @ 1000 psi w/FW. Mix & pmp 75 sxs Cl C cmt w/wtr loss. Displ cmt into perfs @ 1580 psi @ end of job. Sting out of retainer & rev 1.5 bbls cmt to surf. TOO H w/tbg. SDFN.
01/29/14	RU Express WL. TIH. Perf 5309-15' (12 holes; 2 JSPF). RD Express. TIH w/pkr & set @ 5000'. Prep to swab. Flowline to frac tank frozen. SDFN.
01/30/14	Swab well to frac tank. Rec 29 BW. Had 900' of fl entry after waiting 2 hrs between swab runs. Then 300' after 1 hr (1-2% Oil Cut). Prep to acid.
01/31/14	Unset lpkr & lower to 5305'. RU Pro Petro & spot 250 glas 15% acid across pfs. Raise & set pkr @ 4940'. Put acid away @ 0.4 – 0.5 BPM @ 875 psi w/no breaks. RD Pro Petro & wait 2 hrs. Swab well & rec load + 40 bbls. Had 1000' of fl entry after swabbing down to 4500'. Waiting 1 hr. No shows. 100% wtr. Took smpls to wtr lab. SDFN.

660' FSL and 660' FEL of Section 43, Block 9, University Lands, Andrews County, Texas

GL: KB: TD: PBTB: Pfs:

02/02/14	Swab well. FL @ 600' of wtr. No shows. Unset pkr & TOO. LD same. TIH w/MA, PS, SN, 6 jts, 5½" TAC & 159 more 2½" tbg. ND BOP. NU WH. TIH w/2½" x 1¾ x 26' pmp, 1 - 7/8" rd, 26 K shear tool, 51 more 7/8 rds, 102 - 1" & 35 1¼" FG rds, 1 - 18' FG sub. Hang well on. SN @ 5207'. EOT @ 5244'. Hang well on. Clean up loc. Well pmpg. P 0 BO & 190 BW in approx 20 hrs. Less than 1% oil on wellhead smpl.
02/03/14	P 0 BO & 210 BW in 24 hrs.
02/04/14	P 0 BO & 190 BW in 24 hrs. RDMOPU.
02/05/14	P 0 BO & 170 BW in 24 hrs.
02/06/14	P 0 BO & 170 BW in 24 hrs.
02/07/14	Down due to weather.
02/08/14	P 0 BO & 0 BW.
02/09/14	P 0 BO & 190 BW in 24 hrs.
02/10/14	P 0 BO & 180 BW in 24 hrs.
02/11/14	P 0 BO & 150 BW in 24 hrs.
02/12/14	P 0 BO & 160 BW in 24 hrs.
02/13/14	P 0 BO & 90 BW in 24 hrs. Flowline leak.
02/14/14	Well down.
02/15/14	P 0 BO & 160 BW. Well back on.
02/16/14	P 0 BO & 190 BW in 24 hrs.
02/17/14	P 0 BO & 170 BW in 24 hrs.
02/18/14	P 3 BO & 130 BW in 24 hrs.
02/19/14	P 0 BO & 130 BW in 24 hrs.
02/20/14	P 0 BO & 140 BW in 24 hrs.
02/21/14	P 0 BO & 150 BW in 24 hrs.
02/22/14	P 0 BO & 140 BW in 24 hrs.
02/23/14	P 0 BO & 150 BW in 24 hrs.
02/24/14	P 0 BO & 140 BW in 24 hrs.
02/25/14	P 0 BO & 150 BW in 24 hrs.
02/26/14	P 0 BO & 150 BW in 24 hrs.
02/27/14	P 0 BO & 150 BW in 24 hrs.
02/28/14	P 1.5 BO & 140 BW in 24 hrs.
03/01/14	P 0 BO & 150 BW in 24 hrs.
03/02/14	P 0 BO 7 150 BW in 24 hrs.
03/03/14	Well down due to weather.
03/04/14	P 0 BO & 200 BW. FL 167 jts f/surf.
03/05/14	P 0 BO & 140 BW in 24 hrs.
03/06/14	P 0 BO & 150 BW in 24 hrs.
03/07/14	P 1½ BO & 140 BW in 24 hrs.
03/08/14	P 0 BO & 140 BW in 24 hrs.
03/09/14	P 0 BO & 150 BW in 24 hrs.
03/10/14	P 0 BO & 140 BW in 24 hrs.
03/11/14	P 0 BO & 150 BW in 24 hrs.
03/12/14	P 1.5 BO & 150 BW in 24 hrs.
03/13/14	P 0 BO & 140 BW in 24 hrs.
03/14/14	P 0 BO & 140 BW in 24 hrs.
03/15/14	P 0 BO & 150 BW in 24 hrs.
03/16/14	P 1.5 BO & 140 BW in 24 hrs.

660' FSL and 660' FEL of Section 43, Block 9, University Lands, Andrews County, Texas

GL: KB: TD: PBTB: Pfs:

03/17/14	P 0 BO & 150 BW in 24 hrs.
03/18/14	P 0 BO & 140 BW in 24 hrs.
03/19/14	P 1.5 BO & 140 BW in 24 hrs.
03/20/14	P 0 BO & 120 BW in 24 hrs. Well down for workover.
03/21/14	RU Basic WS. Unseat pmp & pull same. Rlse TAC. NU BOP. TOO H w/tbg. RU Capitan WL & TIH. Set cmt retainer @ 5300'. RD Capitan.
03/22/14	Open well & TIH. Sting into retainer & est rate 2.5 BPM @ 1000 psi. Prep to cmt. SDFN.
03/25/14	Open well, on vacuum. RU Pro Petro and est. rate of 2.5 bpm @ 900 psi. Pump 10 bbls FW, mix & pump 50 sks. "C" cement & sqz into formation at 1290 psi. Sting out of retainer and TOH, PU tbg and TIH, TOH & put tbg in derrick. Secure WH. SDFN.
03/26/14	Op well. Static. PU 4¾" bit, BS, 6 – 3½ DCs. TIH w/tbg to 4347'. Hit bridge. Drill green cmt (stringers) for 180'. Lower bit to retainer & drill 90% of it. Plugged bit. TOO H. Tst csg to 500 psi. Good. SDFN.
03/27/14	Op well. TIH w/new bit. Drill rest of retainer. Drill cmt to 5325'. Tst csg to 500 psi. Good. Drill 90% of 2 nd retainer. Plugged bit. TOO H. PU & run new bit to 5325'. Prep to DO rest of retainer. SDFN.
03/28/14	Op well. Break circ. Drill rest of retainer & hard cmt below it. Tst csg to 500 psi. OK. TOO H. LDDC. PU fshg tool. Lower same to 8340'. Wash sand off of RBP. Latch onto plug. Unset. TOO H. LD plug. Prep to knockout CIBP. SDFN.
03/29/14	RU Cavins & TIH w/bailer. Knockout CIBP @ 9230'. RD Cavins. RU & TIH w/press bombs. Shut well in for build up. SDFN.
03/30/14	SDF weekend.
03/31/14	SDF weekend.
04/01/14	TOOH w/bombs. RU Capitan WL. TIH. Set CIBP @ 9158' . Perf 8986-90', 9006-16', 9090-94', 9114-16', 9134-44' (all 2 JSPF, 4" csg guns. RD Capitan. PU pkr & lower same to 8997'. Set same. RU swab & rec 22 BW, no shows oil or gas. FL 1 st run 4200'. Last 7600'. Shut well in.
04/02/14	Open well on vac. Swab & rec 36 BW w/ no shows OG. Unset pkr & TOH, LD same. RU Capitan WL & TIH. Set CIBP @ 8958' . Perf 8626-28', 8652-54', 8686-88', 8702-04', 8720-24', 8756-58', 8785-88', 8808-12', 8828-30', 8840-42', 8858-60', 8874-78', 8908-12', 8930-34' (2 JSPF) . Shut well in.
04/03/14	Open well, static. TIH w/ pkr and set @ 8,520'. RU, swab and rec 25 BW, no shows OG. Wait 1 hour, swab, no fluid entry, wait 2 hours, swab, no fluid entry. Unset pkr & lower to 8750'. Prepare to spot acid. SDFN.
04/04/14	Op well. Static. WO Acid. RU Richco & load well w/FW. Spot 4 bbls 20% acid across pfs. Raise pkr to 8518'. Set pkr. Tst csg. Break form down. Broke @ 2420 psi. Pmpd 1000 gals clean, 2000 gals w/110 balls, remainder for 4000 gals clean. Good ball action & breaks. No ballout. Avg 2.7 BPM @ 2500 psi. ISIP 2560 psi. 5 min @ 2210 psi. 10 min @ 2080 psi. 15 min 2020 psi. Shut well in for 2 hrs. TR 149 bbls. RU swab & rec 71 BLW. Shut well in. SDFN.
04/05/14	Ope well. 50 psi. Blow down to tank. Swab well. FL 1 st run 3300' f/surf. Rec 1 BO & 6 BLW. Good show of O&G. Cont swbg. Swab down to SN. Wait 1 hr between runs w/800' of fl coming thru tbg PH. 10-15% OC. Tot 65 bbls. LD swab & run press bombs to SN. Shut well in. SDF weekend.
04/06/14	SDFW.
04/07/14	SDFW.

660' FSL and 660' FEL of Section 43, Block 9, University Lands, Andrews County, Texas

GL: KB: TD: PBTB: Pfs:

04/08/14	Open well & bleed down gas. Swab. FL 1 st run @ 2800'. Made 3 runs w/good O&G show. Unset pkr & TOO. LD same. TIH w/BPMA, PS, SN, 6 jts TAC & 264 more jts. ND BOP. Set TAC. NU WH. Prep to run pmp. SDFN.
04/09/14	Op well. PU 2½" x 1¾" x 26' pmp & run it w/6 sinker bars, 51 - 7/8", 102 - 1" & 121 - 1¼" FG rds, 1 - 6' sub. Spaced out 48" off btm. SN @ 8560'. EOT @ 8593'. Hang well on. Check pmp action. Good. RD & left pmp to tank battery. Clean up loc.
04/10/14	P 4 BO & 140 BW.
04/11/14	P 11 BO & 110 BW in 24 hrs.
04/12/14	P 11 BO & 85 BW in 24 hrs.
04/13/14	P 8 BO & 80 BW in 24 hrs.
04/14/14	P 6 BO & 64 BW in 24 hrs.
04/15/14	P 3 BO & 40 BW in 24 hrs.
04/16/14	P 0 BO & 5 BW in 24 hrs. Found well turned off. Put well on 100%.
04/17/14	P 0 BO & 90 BW in 24 hrs.
04/18/14	P 0 BO & 60 BW in 24 hrs.
04/19/14	P 0 BO & 55 BW in 24 hrs.
04/20/14	P 0 BO & 45 BW in 24 hrs.
04/21/14	P 5.5 BO & 60 BW in 24 hrs.
04/22/14	P 5.5 BO & 40 BW in 24 hrs.
04/23/14	P 3 BO & 45 BW in 24 hrs.
04/24/14	P 0 BO & 55 BW in 24 hrs.
04/25/14	P 0 BO & 50 BW in 24 hrs.
04/26/14	P 0 BO & 50 BW in 24 hrs.
04/27/14	P 0 BO & 40 BW in 24 hrs.
04/28/14	P 0 BO & 40 BW in 24 hrs.
04/29/14	P 0 BO & 45 BW in 24 hrs.
04/30/14	P 0 BO & 40 BW in 24 hrs.
05/01/14	P 0 BO & 55 BW in 24 hrs.
05/02/14	P 3 BO & 50 BW in 24 hrs.
05/03/14	P 5.5 BO & 50 BW in 24 hrs.
05/04/14	P 5.5 BO & 40 BW in 24 hrs.
05/05/14	P 3 BO & 40 BW in 24 hrs.
05/06/14	P 0 BO & 35 BW in 24 hrs.
05/07/14	P 0 BO & 45 BW in 24 hrs.
05/08/14	P 0 BO & 40 BW in 24 hrs.
05/09/14	P 0 BO & 45 BW in 24 hrs. FL 241 jts f/surf.
05/10/14	P 0 BO & 50 BW in 24 hrs.
05/11/14	P 0 BO & 45 BW in 24 hrs.
05/12/14	P 0 BO & 35 BW in 24 hrs.
05/13/14	P 0 BO & 40 BW in 24 hrs.
05/14/14	P 0 BO & 35 BW in 24 hrs.
05/15/14	P 3 BO & 55 BW in 24 hrs.
05/16/14	P 8 BO & 35 BW in 24 hrs.
05/17/14	P 3 BO & 45 BW in 24 hrs.
05/18/14	P 1.5 BO & 45 BW in 24 hrs.
05/19/14	P 0 BO & 40 BW in 24 hrs.
05/20/14	P 0 BO & 40 BW in 24 hrs.

660' FSL and 660' FEL of Section 43, Block 9, University Lands, Andrews County, Texas

GL: KB: TD: PBTB: Pfs:

05/21/14	P 1.5 BO & 45 BW in 24 hrs.
05/22/14	P 0 BO & 40 BW in 24 hrs.
05/23/14	P 0 BO & 45 BW in 24 hrs.
05/24/14	P 0 BO & 40 BW in 24 hrs.
05/25/14	P 0 BO & 45 BW in 24 hrs.
05/26/14	P 0 BO & 45 BW in 24 hrs.
05/27/14	P 0 BO & 40 BW in 24 hrs.
05/28/14	P 0 BO & 35 BW in 24 hrs.
05/29/14	P 0 BO & 40 BW in 24 hrs.
05/30/14	P 3 BO & 55 BW in 24 hrs.
05/31/14	P 5½ BO & 40 BW in 24 hrs.
06/01/14	P 1 BO & 4 BW in 24 hrs.
06/07/14	Spot rig on loc. SDFN.
06/10/14	RU. Try to unseat pmp. Parted rds 8 f/surf. Strip out to rds. Parted again 65 f/surf. Strip out. Unseat pmp. Toooh w/all rds & tbgs. Prep to knock CIBP out. SDFN.
06/11/14	RU Cavins & TIH. Clean balls off top of CIBP. Knock BP out & TOO. LD tools. TIH w/tbgs & set TAC. NUWH. Prep to run pmp. SDFN.
06/12/14	Run pmp & hang on. Same rds & depths as before. RDMO.
06/13/14	P 1.5 BO & 50 BW in 24 hrs.
06/14/14	P 0 BO & 50 BW in 24 hrs.
06/15/14	P 0 BO & 60 BW in 24 hrs.
06/16/14	P 0 BO & 50 BW in 24 hrs.
06/17/14	P 0 BO & 50 BW in 24 hrs.
06/18/14	P 0 BO & 40 BW in 24 hrs.
06/19/14	P 0 BO & 40 BW in 24 hrs.
06/20/14	P 0 BO & 50 BW in 24 hrs.
06/21/14	P 0 BO & 30 BW in 24 hrs.
06/22/14	P 0 BO & 40 BW in 24 hrs.
06/23/14	P 0 BO & 30 BW in 24 hrs.
06/24/14	P 0 BO & 20 BW. Down because of electricity.
06/26/14	Spot rig. Prep to knock out CIBP.
06/27/14	RU Basic WS. Unseat pmp & TOO. LD pmp. Rlse anchor & TOH w/tbgs. Cut 500' sandline. Pour new rope socket. Prep to knock out CIBP.
06/28/14	RU Cavins & TIH w/bailer. Clean off t/CIBP. Attempt to knock out w/chisel. D/N break it out. Will try again 06/30/14.
06/29/14	SDF weekend.
06/30/14	SDF weekend.
07/01/14	RU Cavins & knock out last CIBP & push to btm. RD Cavins. TIH w/same tbgs & rds, same depths as before. Hang well on. Load & tst. Good. RDMO.
07/18/14	Spot rig on loc. Rpr air leaks. Prep to RU for tbgs leak.
07/19/14	RU Basic WS. Unseat pmp & TOH w/same. Rlse TAC. NU BOP. TOH w/tbgs. Prep to tst IH. SDFN.
07/20/14	SDF weekend.
07/21/14	SDF weekend.
07/22/14	Op well. Tst TIH. Found leak in TAC. Replace same. All tbgs good to 6000 psi. Set TAC. NUWH. Run pmp & hang well on. Check pmp action. Good. Left well pmpg.

660' FSL and 660' FEL of Section 43, Block 9, University Lands, Andrews County, Texas

GL: KB: TD: PBTD: Pfs:

07/23/14	RDMO.
09/30/14	MIRU Basic WS. Unseat pmp. TOO H w/same. Rlse TAC. NU BOP. TOO H w/tbg. PU & run RBP, pkr combo & 120 jts tbg. SDFN.
10/01/14	Cont TIH w/plug & pkr. Set plug @ 9310'. Tst to 500 psi. Took 36 bbls to load. Held 500#. Good. Raise pkr to 9171'. Set same. RU swab & rec 40 bbls (99% wtr, 1% oil). FL 1 st run @ 5700'. Last run FL @ 6000'. SDFN.
10/02/14	Check well. TP 25 psi. Bleed off & swab. Rec 45 bbls w/5-7% OC. FL 1 st run @ 5800'. Last run 6300'. Rlse pkr. Fish plug. Raise & set plug @ 9171'. Tst to 500 psi. OK. Raise & set pkr @ 9042'. Swab & rec 35 bbls muddy wtr. No shows O&G. FL 1 st run 2500'. Last run 7100'. SDFN.
10/03/24	Check well. TP 0 psi. Swab & rec 8 bbls black wtr. FL 1 st run 4700'. Last run 5300'. Rlsd pkr. Lower tbg & fish plug. Raise plug to 9055'. Set. Tst plug. Good. Raise pkr & set @ 8949'. Swab & rec 32 bbls muddy wtr. FL @ 7100' on last run. No show O&G. SDN.