Type or print name Jimmy D. Carlile (This space for State use) APPPROVED BY GARY W WING GARY W WING GARY W WING TYPE TO STATE WAY A COLUMN TO THE TOTAL OF THE PROPERTY		i	v Mexico		F	orm C-10:
Substitute Sub						farch 25, 199
Santa Fe, NM 87505 Santa F	ict II			N WELL AFT		
1000 km Pacheco, Seata Fc, NM 87505 State Citi & Gas Lease No.					Type of Lease	
Sunday Packed, Samile F, MM \$7395 Sunday Packed, Samile F, MM \$7395	Rio Brazos Rd., Aztec, NM 87410	Sama re, M	WI 873U3			
DO NOT USE THIS FORM FOR PROPOSALS TO DELIL OR TO DEEPEN OR PLUG BACK TO A DEFERENCY USE "APPLICATION FOR PERMIT' (FORM C-101) FOR SUCH				6. State Oi	il & Gas Lease No	
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well				7. Lease Na	me or Unit Agree	ment Name:
Oil Well X Gas Well Other 2. Name of Operator Fasken Oil and Ranch, Ltd. 3. Address of Operator 303 W. Wall Ave., Suite 1800, Midland, TX 79701-5116 4. Well Location Unit Letter E 1980 feet from the north line and 787 feet from the west Section 11 Township 15S Range 37E NMPM Lea County 10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3803' GR 11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CA TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND PULL OR ALTER CASING MULTIPLE COMPLETION CHANGE PLANS OTHER: 12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimat of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed com or recompilation. Please see the attached summary for the plugging of this well. Plugging commenced on September 20, 20 and was finaled on February 1, 2002. I hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE Lines Jimmy D. Carlille Telephone No. (915) 687 Title Regulatory Affairs Coordinator DATE 244 Type or print name Jimmy D. Carlille Telephone No. (915) 687	ERENT RESERVOIR. USE "APPLICATION OF THE PROPERTY OF THE PROPE	G TO DRILL OR TO DEEPEN C ON FOR PERMIT" (FORM C-1	OR PLUG BACK TO A 01) FOR SUCH		_	
Fasken Oil and Ranch, Ltd. 16 3. Address of Operator 303 W. Wall Ave., Suite 1800, Midland, TX 79701-5116 9. Pool name or Wildcat Denton (Devenitan) (J.). 4. Well Location	Dil Well X Gas Well	Other				
3. Address of Operator 30.3 W. Wall Ave., Suite 1800, Midland, TX 79701-5116 9. Pool name or Wildcat Denton (Deventan) W. Well Location Unit Letter E: 1980 feet from the north line and 787 feet from the west Section 11 Township 15S Range 37E NMPM Lea County 10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3803' GR 11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMEN CHANGE PLANS COMPLETION CHANGE PLANS COMPLETION CHANGE PLANS COMPLETION CHANGE DRILLING OPNS. PLUG AND ABANDONMEN CEMENT JOB OTHER: 12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimat of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completes to ethe attached summary for the plugging of this well. Plugging commenced on September 20, 20 and was finaled on February 1, 2002. 1 hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE Multiple Official Sequence of the Signature of Sig	-	il and Ranch I td		8. Well No.		
Unit Letter E: 1980 feet from the north line and 787 feet from the west Section 11 Township 15S Range 37E NMPM Lea County 10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3803' GR 11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON SUBSEQUENT REPORT OF: REMEDIAL WORK ALTERING CA TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMEN COMPLETION CHANGE PLANS COMPLETION CHANGE STAND COMPLETION COMPLETION CHANGE STATING ABANDONMEN COMPLETION CHANGE OF THE		in differ ration, Etc.		9. Pool nam		1:
Unit Letter E 1980 feet from the north line and 787 feet from the west		te 1800, Midland, T	X 79701-511	6 Dei	nton (De venian)	Whenp
Section 11 Township 15S Range 37E NMPM Lea County 10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3803' GR 11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CA TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMEN COMMENCE DRILLING OPNS. PLUG AND ABANDONMEN CEMENT JOB OTHER: OTHER: OTHER: OTHER: OTHER: Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimat of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed com or recompilation. Please see the attached summary for the plugging of this well. Plugging commenced on September 20, 20 and was finaled on February 1, 2002.	Well Location					U
11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CA TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMEN PULL OR ALTER CASING MULTIPLE CASING TEST AND CEMENT JOB OTHER: 12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimat of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed compress see the attached summary for the plugging of this well. Plugging commenced on September 20, 20 and was finaled on February 1, 2002. It hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE Juney TITLE Regulatory Affairs Coordinator DATE 2/4 Type or print name Jimmy D. Carlile Telephone No. (915) 687	Unit Letter <u>E</u> : 19	980 feet from the	north line a	and <u>787</u> fe	et from the <u>wes</u>	stline
11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CA TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMEN PULL OR ALTER CASING MULTIPLE COMPLETION CASING TEST AND CEMENT JOB OTHER: OTHER: 12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimat of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed compares see the attached summary for the plugging of this well. Plugging commenced on September 20, 20 and was finaled on February 1, 2002. It hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE June Jimmy D. Carlile TITLE Regulatory Affairs Coordinator DATE 2/4 Type or print name Jimmy D. Carlile Telephone No. (915) 687					ea County	
11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CA TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMEN PULL OR ALTER CASING MULTIPLE COMPLETION CASING TEST AND CEMENT JOB OTHER: 12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimat of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed comport or recompilation. Please see the attached summary for the plugging of this well. Plugging commenced on September 20, 20 and was finaled on February 1, 2002. Thereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE Multiple Coordinator DATE 2/4 Type or print name Jimmy D. Carlile Telephone No. (915) 687	3 10			GR, etc.)		
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CA TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMEN PULL OR ALTER CASING MULTIPLE COMPLETION CASING TEST AND CEMENT JOB OTHER: 12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimat of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed compor recompilation. Please see the attached summary for the plugging of this well. Plugging commenced on September 20, 20 and was finaled on February 1, 2002. I hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE	11. Check Appr			otice, Report or O	ther Data	
TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMEN CASING TEST AND CEMENT JOB OTHER: OTHER: OTHER: OTHER: Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimat of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed composer ecompilation. Please see the attached summary for the plugging of this well. Plugging commenced on September 20, 20 and was finaled on February 1, 2002. I hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE TITLE Regulatory Affairs Coordinator DATE 2/4 Type or print name Jimmy D. Carlile Telephone No. (915) 687	NOTICE OF INTE	NTION TO:		SUBSEQUENT	REPORT OF	
PULL OR ALTER CASING MULTIPLE CASING TEST AND CEMENT JOB OTHER: OTHER: 12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimat of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed compor recompilation. Please see the attached summary for the plugging of this well. Plugging commenced on September 20, 20 and was finaled on February 1, 2002. I hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE Multiple Casing TITLE Regulatory Affairs Coordinator DATE 2/4 Type or print name Jimmy D. Carlile Telephone No. (915) 687	.FORM REMEDIAL WORK PL	.UG AND ABANDON	L REMEDIAL	_ WORK	☐ ALTERING	CASING
OTHER: OTHER: OTHER: OTHER: OTHER: 12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimat of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed comport recompilation. Please see the attached summary for the plugging of this well. Plugging commenced on September 20, 20 and was finaled on February 1, 2002. Thereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE TITLE Regulatory Affairs Coordinator DATE 2/4 Type or print name Jimmy D. Carlille Telephone No. (915) 687	<u> </u>		COMMEN	CE DRILLING OPNS.	_	
12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimat of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed compore recompilation. Please see the attached summary for the plugging of this well. Plugging commenced on September 20, 20 and was finaled on February 1, 2002. I hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE Livery (aug. TITLE Regulatory Affairs Coordinator DATE 2/4 Type or print name Jimmy D. Carlile Telephone No. (915) 687						
of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed compor recompilation. Please see the attached summary for the plugging of this well. Plugging commenced on September 20, 20 and was finaled on February 1, 2002. I hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE TITLE Regulatory Affairs Coordinator DATE 2/4 Type or print name Jimmy D. Carlile Telephone No. (915) 687	IER:		OTHER:			
SIGNATURE Live TITLE Regulatory Affairs Coordinator DATE 2/4 Type or print name Jimmy D. Carlile Telephone No. (915) 687	of starting any proposed work). SE or recompilation. ase see the attached summary	EE RULE 1103. For Multi for the plugging of th	iple Completions:	Attach wellbore diag	gram of proposed	completion
SIGNATURE Active TITLE Regulatory Affairs Coordinator DATE 2/4 Type or print name Jimmy D. Carlile Telephone No. (915) 687						
SIGNATURE / Live TITLE Regulatory Affairs Coordinator DATE 2/4 Type or print name Jimmy D. Carlile Telephone No. (915) 687						
SIGNATURE Active TITLE Regulatory Affairs Coordinator DATE 2/4 Type or print name Jimmy D. Carlile Telephone No. (915) 687						
SIGNATURE / Live TITLE Regulatory Affairs Coordinator DATE 2/4 Type or print name Jimmy D. Carlile Telephone No. (915) 687						
	eby certify that the information abo	ve_is true and complete to	the best of my kr	nowledge and helief		
	/u' \(\(\)	// ·		_	DATE_	2/4/02
APPPROVED BY GARY W. WING SECULOR THE BEST OF THE BOTTON OF THE SECULOR WING SECULOR THE SECULOR WING SECULOR THE SECULOR WING SECULOR	NATURE Himmy	auic TIT		Affairs Coordinator		_
	e or print name Jimmy D. Carlile s space for State use)	auiuTIT	LE Regulatory A	Affairs Coordinator Tel		_
Conditions of approval, if any:	e or print name Jimmy D. Carlile s space for State use) PROVED BY	auiuTIT	LE Regulatory A	Affairs Coordinator Tel		687-1777

9-21-01

MIRU plugging rig and equipment. NDWH and NU BOP. Strapped and RIW 111 joints 2-3/8" EUE 8rd N-80 tubing. SWI and SDON. Cumulative Cost: \$400.

9-22-01

RIW w/183 joints 2-3/8" EUE 8rd N-80 tubing (294 joints total) to CIBP at 9120' FS. Circulated 100 barrels mud laden brine. Spotted 25 sx Class "H" cement (s.w. 15.6 ppg, yield 1.18 cuft/sk). Calculated TOC @ 8884' FS. Displaced tubing w/ 31.5 barrels mud laden brine. POW w/ 47 joints tubing to 7662' FS. Spotted 25 sx Class "H" cement (s.w. 15.6 ppg,yield 1.18 cuft/sk). Calculated TOC @ 7426' FS. Displaced tubing w/ 26.5 barrels mud laden brine. POW w/ tubing. RIW w/ 5-1/2" tension packer, 138 joints 2-3/8" EUE 8rd N-80 tubing and set packer @ 4280' FS. Established communication between casing leaks @ 4467' - 4531' and 3398' - 3446' @ 2 bpm @ 700 psi. Released packer and POW. RIW w/ 5-1/2" mechanical set CICR and set @ 4280' FS. Pumped 5 barrels through CR and established circulation. Pumped 80 sx Class "C" cement (s.w. 14.8 ppg, yield 1.32 cuft/sk) and displaced tubing w/16 barrels mud laden brine. POW w/ tubing. Vacuum truck pulled 120 barrels fluid from pit and hauled to public disposal. SWI and SD over weekend. Cumulative Cost: \$1100.

9-23/24-01

No activity.

9-25-01

RIW w/ 88 joints of tubing and tagged cement @ 2729' and POW. RIW w/ 2-3/8" notched collar, 2-3/8" x 4' perforated tubing sub and 88 joints of tubing. Attempted to push through cement with no success. POW w/ tubing. Moved in and rigged up reverse drilling equipment. SWI and SDON. Cumulative Cost: \$1,500

9-26-01

RIW with 4-3/4" bit, bit sub, 6-3-1/2" drill collars, bit sub and 82 joints 2-3/8" EUE 8rd N-80 tubing and tagged cement @ 2729'. RU swivel and drilled cement to 3598' in 7 hours. Drilled stringers to 4125' in 3 hours. RIW to 4275' and circulated well clean for 1 hour and tested casing to 500 psi for 10 minutes okay. RD power swivel and reverse drilling equipment. Contacted NMOCD and Billy Prichard gave permission to continue with plugging procedure. Recommended to perforate above retainer and squeeze with 50 sacks Class "C" cement under a packer. POW with 132 joints 2-3/8" tubing and laid down collars and bit. SWI and SDON. Cumulative Cost: \$1,900

9-27-01

RUWL and perforated casing @ 4270' w/ 4 shots after third attempt. RIW w/ 5-1/2" AD-1 tension packer and 120 joints of 2-3/8" tubing and set packer @ 3722'. Established rate and had communication to surface. Released packer and circulated 45 bbls of mud laden fluid. Set packer and pumped 50 sx Class "C" cement w/ 3% CaCl₂ (s.w. 14.8 ppg, yield 1.32 cuft/sk). Pumped 5 bbls of displacement and packer sheared. RIW w/ 18 joints of tubing @ 4280' and reversed clean w/ 50 bfw. POW and stood back 120 joints of 2-3/8" tubing and laid down 18 joints of tubing. Redressed packer and RIW w/ 108 joints of tubing to 3350', set packer and tested tubing to 1000 psi. okay. Released packer and RIW and set packer @ 3722' and established rate w/ communication to surface. Pumped 50 sx Class "C" cement (s.w. 14.8 ppg, yield 1.32 cuft/sk) and displaced w/ 21 bbls brine. Released packer, POW and stood back 100 joints of tubing and laid down 20 joints of tubing and packer. SWI and SDON. Cumulative Cost: \$2,300

9-28-01

RUWL and tagged cement @ 4003' wireline depth. RIW w/ 99 joints of 2-3/8" tubing, EOT @ 3071'. Pumped 25 sx Class "C" cement (s.w. 14.8 ppg, yield 1.32 cuft/sk) and displaced w/ 10 bbls of mud laden fluid. Laid down 28 joints of tubing, EOT @ 2202'. Pumped 25 sx Class "C" cement (s.w. 14.8 ppg, yield 1.32 cuft/sk) and displaced w/ 7 bbls brine. Laid down 57 joints of tubing, EOT @ 435'. Pumped 25 sx Class "C" cement w/ 3% CaCl₂ (s.w. 14.8 ppg, yield 1.32 cuft/sk) and displaced w/ 1 bbl brine. Laid down last 14 joints of tubing. ND BOP, WOC 3 hrs. RUWL and tagged cement @ 370' wireline depth. Picked up 12 joints of tubing, EOT @ 372'. Pumped 20 sx Class "C" cement (s.w. 14.8 ppg, yield 1.32 cuft/sk) and displaced w/ 1 bbl brine. Laid tubing back down. Pumped surface plug w/10 sx Class "C" cement (s.w. 14.8 ppg, yield 1.32 cuft/sk). RD plugging equipment, wellhead to be cut off and capped next week. FINAL REPORT - WELL PLUGGED AND ABANDONED.

Cumulative Cost: \$16,500

10-3-01

Noticed small water flow from casing on 10-2-01. Shut well in and had 260 psi SICP after 24 hrs. Bled off pressure and removed bullplug from 8-5/8" x 5-1/2" annulus and well stabilized with pencil stream size water flow coming from 5-1/2" casing. Backfilled cellar, moved in and spotted pulling unit. Met with Mr. Billy Pritchard with NMOCD on location and discussed drilling out surface plug and tagging next plug and setting packer to determine location of fluid entry. SDON. Cumulative Cost: \$17,000.

10-4-01

SICP - 225 psi. RUPU, NDWH and NU BOP. RU power swivel and reverse unit. Drilled cement from surface to 91' in 2-1/2 hrs. RIW and tagged cement @ 231', drilled cement to 241', circulated clean and POW. RIW w/ 5-1/2" AD-1 tension packer and 7 joints of 2-7/8" EUE 8rd N-80 tubing, set packer @ 223' and shut well in for pressure build up for 45 minutes. SITP- 0 psi, SICP- 25 psi, SI 5-1/2" x 8-5/8" annulus 25 psi. Released packer and POW. RIW w/ 4-5/8" bit, bit sub, 6 - 3-1/2" DCs, X-O, and 2 joints of tubing. Picked up swivel and continued drilling cement to 305' and circulated clean. SWI and SDON. Cumulative Cost: \$23,075.

!
i i
•

10-5-01

SICP - 225 psi. Drilled cement to 410', circulated clean and POW. RUWL and perforated w/ 4 shots @ 400' and RDWL. RIW w/ 5-1/2" AD-1 packer, 11 joints of 2-7/8" tubing and set packer @ 347'. Tubing-casing annulus would not hold pressure. RU on tubing and established rate of 3 bpm @ 200 psi w/ full returns at surface from 8-5/8" x 5-1/2" annulus. Released packer, POW and laid down tubing and drill collars. SWI and SDON. Cumulative Cost: \$28,350.

10-6-01

ND BOP, NUWH and plumbed 13-3/8" x 8-5/8" annulus to surface. RU pump truck and established circulation to surface from 8-5/8" x 5-1/2" annulus. Pumped 190 sx Class "C" cement w/ 2% $CaCl_2$ (s.w. 14.8 ppg, yield 1.32 cuft/sk). With 80 sx pumped had full returns from 13-3/8" x 8-5/8" annulus, 110 sx pumped had cement to surface from 8-5/8" x 5-1/2" annulus, 170 sx pumped had cement to surface from 13-3/8" x 8-5/8" annulus. Shut in surface valves and squeezed 20 sx @ 300 psi. Shut well in for 30 minutes and washed up pump truck, pumped 1/4 bbl @ 0 psi, waited 2 hrs and pumped 1/8 bbl @ 400 psi and shut well in. SICP 50 psi in 2 hrs. SWI and SDON. Cumulative Cost: \$34,535. Cementing operations witnessed by Billy Pritchard with NMOCD.

10-7/8-01

No activity.

10-9-01

SICP 50 psi, bled off pressure and had a small amount of flow from 5-1/2" casing. 8-5/8" x 5-1/2" annulus had a slow drip. NDWH and NU BOP. Received and unloaded 162 joints of 2-3/8" EUE 8rd N-80 tubing. RU power swivel and reverse unit, picked up 4-5/8" mill tooth bit, bit sub and 1 - 3-1/2" DC and drilled cement from 3' - 90' in 3-1/2 hrs. Circulated clean and POW. RIW w/ 5-1/2" AD-1 packer and 2 joints of tubing and set packer @ 63.42'. SWI and SDON. Cumulative Cost: \$40,045

10-10-01

SITP 0 psi, SICP 10 psi, bled off dry gas. Released packer and POW. RIW w/ 4-5/8" blade bit, bit sub and 3 - 3-1/2" DC's. Drilled cement from 93' to 590' w/ stringers to 616' in 6-1/2 hrs, circulated clean and RD power swivel. Picked up 51 joints of 2-3/8" tubing and tagged cement @ 2250', circulated clean and POW. RUWL and perforated with 4 shots @ 2200' and RDWL. SWI and SDON. Cumulative Cost: \$46,115

10-11-01

SICP 5 psi. Laid down 6 – 3-1/2" drill collars. RIW w/ 5-1/2" Weatherford 32A packer and 15 joints of 2-3/8" tubing and packer hung up @ 475'. POW and laid down packer. RIW w/ 4-5/8" bit, 5-1/2" casing scraper and 66 joints of 2-3/8" tubing to 2075'. POW and laid down scraper. RIW w/ 5-1/2" 32A packer and 64 joints of tubing and set packer @ 2008'. Tested tubing/casing annulus to 700 psi – OK. Established injection rate of 0.5 bpm @ 1350 psi down tbg. RU Cudd pump truck and pumped 300 gal of 15%NEFE acid @ 2.5 bpm @ 1830 psi.. ISDP 1590 psi, 10 min – 1500 psi. Established sustained rate of 1.0 bpm @ 1600 psi. Bled off pressure, released packer, POW and laid down packer. RIW w/ 5-1/2" cement retainer and 67 joints of 2-3/8" tubing to 2106'. WOC for 5 hrs, RU BJ Services pump truck, pumped 9 bfw through tubing to clear retainer and plugged off. Reversed 10 bfw, pumped 1/2 bfw on tubing and pressured up to 2000 psi, reversed 40 bfw, pumped 1/2 bfw on tubing and pressured up to 2000 psi. RD pump truck. SWI and SDON. Cumulative Cost: \$59,150

10-12-01

POW w/ 67 joints of 2-3/8" tubing and retainer and found internal problems retainer. Waited on cement tools for 5 hrs. RU BJ pump truck and RIW w/ BJ cement retainer and 4 joints of tubing and pumped 2 bfw to clear retainer. RIW w/ 63 joints of tubing and pumped 10 bfw to clear retainer, set retainer @ 2106' and tested tubing to 2000 psi. Spotted cement to within 2 bbls of end of retainer and stung into retainer. Pumped 75 sx of Class "H" cement w/ 1% BA-10, 3% salt, .5% CD-32, .2% SMS (s.w. 16.4 ppg, yield 1.08 cuft/sk) and displaced w/ 7.5 bfw pumping .5 bpm @ 1450 psi. Stung out of retainer w/ 1/2 bbl of cement in tubing, pulled up 20' and reversed out 3 sx of cement. Laid down 51 joints of tubing and stood back 16 joints of tubing. Loaded casing w/ 2.5 bfw and RD pump truck. SWI and SDON. Cumulative Cost: \$64,910

10-13-01

SICP 680 psi, Bled off pressure and had a pencil size water flow from the 5-1/2" casing. RIW w/ 67 joints of 2-3/8" tubing and tagged retainer @ 2103' with no cement on top of retainer. POW and waited on a packer for 3 hrs. RIW w/ 5-1/2" 32A tension packer and 8 joints of tubing, set packer @ 251' and shut well in for 1-1/2 hrs. SITP 20 psi, SICP 0 psi. Reset packer @ 441', SITP 25 psi, SICP 30 psi in 10 minutes. Reset packer @ 628', SITP 0 psi, SICP 75 psi in 15 minutes. (Note: tight spot in casing @ 557'). POW and reset packer @ 378'. SWI and SDON. Cumulative Cost: \$67,530

10-14-01

SITP 380 psi, SICP 0 psi, Bled off pressure with water flow from tubing. Released packer and POW. RUWL, perforated @ 560' with 4 shots and RDWL. RIW w/ 5-1/2" 32A tension packer and 14 joints of tubing and set packer @ 441'. RU pump truck and pressured up on tbg-csg annulus to 500 psi, would not hold pressure. Pressured up on tubing to 1000 psi and had communication to tbg-csg annulus. Pressured up on tbg to 2000 psi and broke squeeze perfs down and established injection rate of 1 bpm @ 1500 psi with pressure equalized on tbg-csg annulus. Reset packer @ 315' and pumped 15 bfw with sustained rate of 1 bpm @ 1350 psi. Released packer and POW. RIW w/ 56 joints of tubing, POW and laid down. RIW w/ 5-1/2" BJ cement retainer and 10 joints of tubing, left retainer swinging @ 315'. SWI and SDON. Cumulative Cost: \$72,405

	!

10-15-01

No activity.

10-16-01

SICP 300 psi, RU BJ pump truck and pumped 5 bfw to clear retainer. Set retainer at 315' and tested tubing to 2000 psi and, pressured tbg-csg annulus to 500 psi. Pumped 100 sx Class "C" neat cement (s.w. 15.0 ppg, yield 1.29 cuft/sk) and 50 sx Class "C" cement w/ 10% A-10, 1% CaCl₂ (s.w. 14.8 ppg, yield 1.34 cuft/sk) pumping 0.5 bpm @ 900 psi. WOC 1 hr and pumped 0.25 bbl @ 980 psi, waited 15 minutes and pumped 0.50 bbl @ 1260 psi. Stung out of retainer and reversed out 2 sx of cement. RD pump truck and POW laying down tubing and setting tool. SWI and SDON. Cumulative Cost: \$81,565

10-17-01

SICP 280 psi, bled off pressure and had small amount of water flow from 5-1/2" and 8-5/8"x 5-1/2" annulus. RIW w/ 5-1/2" 32A tension packer and 7 joints of tubing setting packer @ 219'. Shut well in for 2-1/2 hrs to build pressure, SITP-0, SICP-0. Tubing had no flow and annulus had initial surge slowing to a steady drip. Watched for 2 hrs with no change in flow. SWI and SDON. Cumulative Cost: \$84,945

10-18-01

SITP 0 psi, SICP 0 psi, Well had a slow drip from the 8-5/8"- 5-1/2" annulus. Left well open for 7 hrs with no change in slow drip. SWI and SDON. Cumulative Cost: \$87,595

10-19-01

SITP 0 psi, SICP 0 psi, well had a slow drip from the 8-5/8"- 5-1/2" annulus. Notified Gary Wink with NMOCD and received permission to plug well with cement from top of retainer to surface. Released packer and POW. RIW w/ 10 joints of 2-3/8" tubing tagging cement @ 295', laid down 1 joint leaving EOT @ 284'. RU BJ pump truck and pumped 45 sx Class "C" cement w/ 1% A-10B, 2% CaCl₂ (s.w. 14.8 ppg, yield 1.47 cuft/sk) with cement returns to surface. Laid down tubing and ND BOP. RIW 1 joint and pumped 10 sx Class "C" cement w/ 1% A-10B, 2% CaCl₂ (s.w. 14.8 ppg, yield 1.47 cuft/sk). Laid down tubing and NUWH, topped off with cement and pressured to 500 psi and shut well in. Washed up lines and RD pump truck. RDPU. Wellhead to be cut off and capped next week with 1" line piped to surface for monitoring purposes at the request of NMOCD. Cumulative Cost: \$94,275

10-20-01

SICP- 20 psi, $8-5/8" \times 5-1/2"$ annulus pressure- 20 psi. Billy Pritchard with NMOCD advised that cement inside 5-1/2" casing must be drilled out to below 2000' and the casing must be perforated and squeezed to attempt to squeeze apparent channel. Cumulative Cost: \$94,275

10-21/22-01

8-5/8" x 5-1/2" annulus shut in pressure- 30 psi.

!
!
•

10-23-01

8-5/8" x 5-1/2" annulus shut in pressure- 32 psi.

10-24-01

8-5/8" x 5-1/2" annulus SICP 32 psi. RUPU. Received (+/- 4000') 126 joints 2-7/8" EUE 8rd 6.5 lb/ft N-80 tubing. Left well SI and SDON. Cumulative Cost: \$94,875.

10-25-01

8-5/8" x 5-1/2" annulus SICP 32 psi. Bled pressure and well had continuos drip from 8-5/8" X 5-1/2" annulus. Shut in for 10 minutes with 15 psi shut in pressure. Nippled down wellhead and nippled up BOP. MIRU reverse drilling equipment. RIW with 4-3/4" cone bit, and one 3-1/2" drill collar. Tagged cement at surface, and made 6 " in 30 minutes. Sitting down on 5-1/2" casing stub. ND BOP and chipped cement from surface to 12" and NU BOP. Drilled 124' of cement in 8-1/2 hours. Circulated well clean and shut well in overnight. Contractor dug and lined new workover pit, old pit full of cement. Cumulative Cost: \$99,875.

10-26-01

SITP 0 psi, SICP 0 psi, 8-5/8" CP 80 psi. Started drilling @ 124', drilled to top of cement retainer @ 315' in 6 hrs. Drilled 5-½" cement retainer in 3 hrs. Drilled to 320' and circ well clean. SWI with 0 psi TP, and 0 psi SICP and 145 psi on 8-5/8" x 5-1/2" annulus. Gang started breaking out flowline. SDON. CWC: \$104,725

10-27-01

SITP 0 psi, SICP 0 psi, 8-5/8" CP 120 psi. Started drilling @ 320', drilled to 351' and circ well clean. POW with tubing and drill collars. Laid down cone bit and RIW with 4-3/4" blade bit, 5-1/2" casing scraper, 8-3-1/2 drill collars, X-O, and 2-7/8" tubing to surface. Started drilling at 351' and drilled to 580' in 7 hours and fell out of cement. RIW to tag top of cement retainer at 2138' and circulated well clean. POW with 3 joints 2-7/8" tubing. SWI and SDON. CWC: \$109,750

10-28-01

SITP 0 psi, SICP 0 psi, SI 8-5/8" CP 100 psi. Left well shut in. CWC: \$110,250

10-29-01

SITP 0 psi, SICP 0 psi, SI 8-5/8" CP 55 psi. Left well shut in. Will perforate 5-1/2" casing at 1480' on 10/29/01. CWC: \$110,750

10-30-01

SITP 0 psi, SICP 0 psi, 8-5/8" CP 50 psi. POW 57 joints 2-7/8" tubing, X-O, 8-3-1/2" drill collars, 5-1/2" casing scraper and 4-3/4" blade bit. RUWL and RIW w/channel finding gun and perforated 5-1/2" casing with 128 holes from 1476'-1480' FS at 32 holes/ft. RDWL. RIW w/ 32A packer, SN, X-O, 41 joints 2-7/8" tubing and set packer at 1316' FS. Pressured up on csg/tbg annulus to 520 psi for 15 minutes and held okay. RU on tubing and pressured up to 1850 psi 4 times and with no bleed off. Left pressure on tubing for 30 minutes w/ 50 psi loss. Bled pressure off tubing and csg/tbg annulus. Installed gauge on csg/tbg annulus and 8-5/8" casing. Bled tubing down 3 times and left open for 15 minutes each time with fluid running over each time. Shut tubing in 1 hr. and built up to 345 psi. Left tubing shut in @ 360 psi, SICP-0 psi, 8-5/8" CP 0 psi. SWI and SDON. CWC: \$118,550.

10-31-01

SITP 420 psi, SICP 1050 psi, 8-5/8" CP- 0 psi. Bled pressure off of casing and tubing with tubing running over with water. Released packer and POW with tubing and packer. RIW with open ended with 49 joints 2-7/8" EUE 8rd N-80 tubing to 1561'. Circulated well with fresh water and recovered black brackish water and thick emulsion. Spotted 26 sx Micro-Matrix cement (s.w. 11.5 ppg, yield 1.35 ft³/sx) from 1561' to 1292'. POW with tubing and RIW with 5-1/2" 32-A tension packer, X-O, seating nipple and 31 joints 2-7/8" EUE 8rd N-80 tubing to 1001'. Set packer and tested casing/tubing annulus to 500 psi. (Note: may have something on top of packer, could not come up with packer. It was pulling tension will break safety joint to pull packer). Bled to 400 and held for 15 minutes. RU on tubing and pressured to 1850 psi with 3/4 barrel fluid. Pumped ¼ barrel into formation, pressure bled from 1850 psi to 540 psi in 5 minutes and stabilized. SD 2 hours and pumped 1 barrel into formation at 2/10 bpm at 1560 psi. Shut down pump and held 1120 psi for 5 minutes. Casing pressure holding 400 psi. 8-5/8" casing valve had continuous drip. Shut well in and RD pump truck. Pumped a total of 5 sacks into formation leaving 21 sacks in 5-1/2" casing. TOC +/-1238'. Installed cap on top of tubing valve. Left 400 psi on casing/tubing annulus and installed gauge on 8-5/8" casing annulus. Attempted to set hand slips on BOP but slips would not hold tubing. Left tubing in rig slips and will rig down in morning. Vacuum truck emptied and cleaned reverse pit. Note: Mr. Billy Pritchard with NMOCD witnessed cementing operations. SDON. CWC: \$127,050.

11-1-01

SICP-400 psi. 8-5/8" CP- 0 psi. Set hand slips on BOP. RDPU. CWC- \$127,500.

11-2-01

SICP- 400 psi, 8-5/8" CP- 10 psi. CWC- \$127,700.

11-3/5-01

SICP- 300 psi, 8-5/8" CP- 16 psi. CWC- \$127,850.

11-6-01

SICP-320 psi. 8-5/8" CP- 28 psi. Bled pressure off on 5-1/2" casing, 8-5/8" casing and bled tubing off in 20 seconds. 5-1/2" and 8-5/8" casing had small trickle of water all day. Installed gauges back on 5-1/2" casing and 8-5/8" casing and left shut in. CWC- \$128,000.

11-7-01

SICP- 5 psi, 8-5/8" x 5-1/2" annulus SI pressure 8 psi, SITP 32 psi. CWC: \$128,150.

11-8-01

SICP-8 psi. 8-5/8" CP- 10 psi. 2-7/8" tubing- 100 psi. Bled off pressure on 5-1/2" casing, 8-5/8" casing and 2-7/8" tubing. Had water drip on 5-1/2" casing every 20 seconds, 8-5/8" casing every 60 seconds and 2-7/8" tubing every 10 seconds. Installed gauges back into valves. CWC-\$128,300.

11-9-01

SICP - 5 psi. 5-1/2" X 8-5/8" annulus CP - 5 psi. 2-7/8" SITP- 22 psi. CWC- \$128,450.

11-10/12-01

SICP - 10 psi. 5-1/2" X 8-5/8" annulus CP - 10 psi. 2-7/8" tubing - 34 psi. CWC- \$128,900.

11-13-01

SICP - 8 psi. 5-1/2" X 8-5/8" annulus CP - 8 psi. 2-7/8" tubing - 25 psi. CWC- \$129,050.

11-14-01

SICP 20 psi, 5 1/2" x 8-5/8" annulus CP 10 psi, 2-7/8" tubing 18 psi. CWC: \$129,200

11-15-01

SICP - 50 psi. 5-1/2" X 8-5/8" annulus CP - 10 psi. 2-7/8" tubing - 15 psi. Bled off 5-1/2" casing, 8-5/8" annulus and tubing. 5-1/2" casing had a water drip every 2 minutes, 8-5/8" annulus had a steady water drip and tubing had no drip after bleed-off. Installed gauges back in late afternoon. CWC- \$129,350.

11-16-01

SICP - 5 psi. 5-1/2" X 8-5/8" annulus CP - 5 psi. 2-7/8" tubing - 10 psi. CWC- \$129,500.

11-17/19-01

SICP - 5 psi. 5-1/2" X 8-5/8" annulus CP - 5 psi. 2-7/8" tubing - 10 psi. CWC- \$129,500.

11-20-01

SICP - 5 psi. 5-1/2" X 8-5/8" annulus CP - 5 psi. 2-7/8" tubing - 10 psi. CWC- \$129,500.

11-21-01

SICP - 10 psi. 5-1/2" X 8-5/8" annulus CP - 10 psi. 2-7/8" tubing - 10 psi. CWC- \$129,650.

11-22/26-01

SICP - 10 psi. 5-1/2" X 8-5/8" annulus CP - 10 psi. 2-7/8" tubing - 10 psi. CWC- \$129,950.

11-27-01

SICP - 43 psi. 5-1/2" X 8-5/8" annulus CP - 23 psi. 2-7/8" tubing - 3 psi. CWC- \$130,100.

11-28-01

SICP - 15 psi. 5-1/2" X 8-5/8" annulus CP - 10 psi. 2-7/8" tubing - 5 psi. CWC- \$130,250.

11-29-01

SICP - 15 psi. 5-1/2" X 8-5/8" annulus CP - 10 psi. 2-7/8" tubing - 5 psi. CWC- \$130,400.

11-30-01

SICP - 12 psi. 5-1/2" X 8-5/8" annulus CP - 21 psi. 2-7/8" tubing -2 psi. CWC- \$130,550.

12-1/3-01

SICP - 35 psi. 5-1/2" X 8-5/8" annulus CP - 20 psi. 2-7/8" tubing -0 psi. CWC- \$130,550.

12-4-01

SICP - 80 psi. 5-1/2" X 8-5/8" annulus CP - 28 psi. 2-7/8" tubing -0 psi. CWC- \$130,850.

12-5-01

SICP - 120 psi. 5-1/2" X 8-5/8" annulus CP - 34 psi. 2-7/8" tubing -0 psi. CWC- \$139,000.

12-6-01

SICP - 130 psi. 5-1/2" X 8-5/8" annulus CP - 37 psi. 2-7/8" tubing -0 psi. CWC- \$139,150.

12-7-01

SICP - 80 psi. 5-1/2" X 8-5/8" annulus CP - 40 psi. 2-7/8" tubing -5 psi. CWC- \$139,300.

12-8/10-01

SICP - 70 psi. 5-1/2" X 8-5/8" annulus CP - 39 psi. 2-7/8" tubing -8 psi. CWC- \$139,750.

12-11-01

SICP - 6 psi. 5-1/2" X 8-5/8" annulus CP - 2 psi. 2-7/8" tubing - 8 psi. CWC- \$139,900.

12-12-01

SICP - 15 psi. 5-1/2" X 8-5/8" annulus CP - 28. 2-7/8" tubing -0 psi. CWC- \$140,050.

12-13-01

SICP - 60 psi. 5-1/2" X 8-5/8" annulus CP - 34 psi. 2-7/8" tubing -2 psi. CWC- \$140,200.

12-14-01

SICP - 63 psi. 5-1/2" X 8-5/8" annulus CP - 35 psi. 2-7/8" tubing -2 psi. CWC- \$140,350.

12-15/17-01

SICP - 15 psi, 5-1/2" X 8-5/8" annulus CP - 28 psi. 2-7/8" tubing -0 psi. CWC- \$140,800.

12-18-01

SICP - 12 psi. 5-1/2" X 8-5/8" annulus CP - 28 psi. 2-7/8" tubing -10 psi. CWC- \$140,950.

12-19-01

SICP - 18 psi. 5-1/2" X 8-5/8" annulus CP - 26 psi. 2-7/8" tubing -12 psi. CWC- \$141,100.

12-20-01

SICP - 16 psi. 5-1/2" X 8-5/8" annulus CP - 26 psi. 2-7/8" tubing - 8 psi, CWC- \$141,250.

12-21-01

SICP - 0 psi. 5-1/2" X 8-5/8" annulus CP - 25 psi. 2-7/8" tubing -28 psi. CWC- \$141,400.

12-22-01

RUPU. Released 5-1/2" 32A packer. Packer would move downhole but not uphole. Attempted to break safety joint with no success. RU pump truck on tubing and established circulation to pit. Pumped 16 bfw at 2 bpm at 700 psi and pressure broke and pumped an additional 30 bfw at 3 bpm at 200 psi with no solids in returns. RD and released pump truck. RU wireline. RIW w/ 1-1/2" stringshot to safety joint @ 1028' FS and made shot. Made 80 right hand turns on tubing and packer became free. RD wireline. POW and laid down 31 joints of 2-7/8" EUE 8rd N-80 tubing, 2-7/8" SN, X-O and 5-1/2" 32A packer. ND and released BOP and spool. NU 6"- 600 flanged WH. RDPU. (Note: Found J-pins sheared on packer.) Cumulative Cost: \$146,218.

t to the second of the second

12-23/26-01

SICP- 0 psi. 8-5/8" x 5-1/2" annulus- 0 psi. CWC: \$146,218.

12-27-01

SICP - 0 psi. 8-5/8" X 5-1/2" annulus- 20 psi. CWC: \$146,254.

12-28-01

SICP-0 psi, 8-5/8" X 5-1/2" annulus –25 psi. Bled pressure and removed tubing hanger. Nippled down top section of flanged wellhead. Gang and backhoe dug out below 13-3/8" wellhead. Welder cut 13-3/8" casing off 7' below ground level. Cut 8-5/8" casing off 5' below ground level and cut off 5-1/2" casing 6' below ground level. Welded 8-5/8" bell nipple on casing stub. Nippled up 8" 3000# screw on flange, 8" 3000 spool with 2" outlets, 8" 3000# to 6" 2000# reducer spool and 6" 2000# tubing hanger. Gang piped 2" outlet to surface and backhoe covered wellhead. Gang and backhoe removed fence and liner from old full workover pit and covered pit. Shut well in and installed gauges to monitor 8-5/8" and 5-1/2' casing pressure. Hauled 220 barrels 10# brine water to drilling pit. Cumulative Cost: \$148,868.

12-29/31-01

SICP- 0 psi. 8-5/8" x 5-1/2" annulus-0 psi. CWC: \$148,868.

1-1-02

SICP- 0 psi. 8-5/8" x 5-1/2" annulus-0 psi. MIRU PU. Received hydraulic BOP, flanged wellhead, catwalk and reverse drilling equipment. ND 8-5/8" WH flange. NU hydraulic BOP. NU new 8-5/8" flanged WH w/ 2" and 4" valves. RU reverse drilling equipment. Transport truck delivered 100 barrels of 10# brine water and unloaded in reverse pit. Contractor hauled 2 joints of 4-1/2" casing to Midland stock and hauled cut off wellhead to Downing Wellhead in Midland. SWI and SD for holiday. CWC: \$150,918.

1-2-02

No activity. CWC: \$150,918.

1-3-02

Transport delivered 2 loads of 10# brine water to pit. Received and unloaded on pipe racks 10 joints of 7-3/8" washpipe. Tallied 22 joints of 2-7/8" EUE 8rd N-80 tubing. RIW w/ 2-7/8" x 5-1/2" collar locator and 22 joints of 2-7/8" tubing and only located collars at 73', 115' and 156' FS. POW and stood in derrick w/ 2-7/8" tubing and laid down CL. RU power swivel and reverse equipment. RIW and started washing over 5-1/2" casing w/ 6-1/4" i.d. shoe w/ 7-7/8" smooth drag tooth and 1 joint 7-3/8" washpipe. Washed over 22' of 5-1/2" casing in 4.5 hours w/ end of shoe at 37.10' FS w/ KB. 1st 10' of milling - 100% cement returns. Next 10'-21' showed cement and a trace of iron in returns. Milled to 37.10' FS and picked up 1' and had to work back to 37.10' w/ 80% steel in returns. Collar log dated 5/10/01 shows collar at 38' FS w/ KB in. Circulated well clean. SWI and SDON. Cumulative Cost: \$157,686.

1-4-02

Drilled for 1 hour and made 6" of hole w/ 80% steel in returns. POW w/ 1 joint of 7-3/8" washpipe and 6-1/4" i.d. shoe w/ 7-7/8" o.d. drag tooth and laid down. RIW w/ 2-7/8" x 5-1/2" spear, 2-7/8" x 6' tubing sub and 1 joint of 2-7/8" EUE 8rd N-80 tubing. Stabbed spear into 5-1/2" casing and POW w/ 1 joint of 5-1/2" x 22' casing and laid down leaving casing collar downhole. RIW w/ flat bottom shoe and 1 joint of 7-3/8" washpipe. Made 3' of hole in 3.5 hours w/ 50/50 steel/cement ratio. Made connection and changed out shoe w/ 7-7/8" o.d. drag tooth @ 44' FS. Drilled to 53' FS w/ last 3' drilled at 20 min/ft showing 30/70 steel/cement ratio. Made 16' of hole (total hole made- 38'). SWI and SDON. Cumulative Cost: \$164,422.

1-5-02

POW w/ 2 joints of 7-3/8" o.d. washpipe and 6-1/4" i.d. shoe. Changed out shoe w/ 6-3/8" i.d. and RIW w/ shoe and 2 joints of 7-3/8" washpipe. Started drilling over 5-1/2" casing at 53' FS. Washed over to 90' FS. Made 37' of hole (75' of total hole made). Returns to pit showed 25/75 steel/cement ratio. Last 3' drilled showed 60/40 steel/cement ratio. Circulated well clean. SWI and SD over weekend. Cumulative Cost: \$171,160.

1-6/7-02

No activity. CWC: \$171,160.

1-8-02

Washed over 5-1/2" casing from 90' - 100' and drilling time went from 14 min/ft. to 30 min/ft. POW w/ 3 joints of 7-3/8" washpipe and 6-3/8" drag tooth smooth shoe. RIW w/ 2-7/8" x 5-1/2" spear, 2-7/8" x 6' tubing sub and 1 joint 2-7/8" EUE 8rd N-80 tubing. Stabbed spear into 5-1/2" casing and POW w/ 5-1/2" x 35' joint of casing and laid down. RIW w/ redressed 6-1/2" id. drag tooth smooth shoe and 3 joints of 7-3/8" washpipe. Washed over an additional 20' to 120' FS. Made 30' today, 105' to date. Average drilling time for the last 20' - 12 min/ft. w/ 25/75 steel/cement ratio. Circulated well clean. SWI and SDON. Cumulative Cost: \$178,405.

1-9-02

Started washing over 5-1/2" casing at 120' FS. Washed to 140' FS w/ average drilling time 12 min/ft. POW w/ 4 joints of 7-3/8" washpipe and 6-1/2" drag tooth smooth shoe. RIW w/ 2-7/8" x 5-1/2" spear, 2-7/8" x 6' tubing sub and 2 joints of 2-7/8" EUE 8rd N-80 tubing. Speared into 5-1/2" casing and POW w/ 5-1/2" x 41' joint of casing and laid down (3rd joint of 5-1/2" casing recovered). RIW w/ same 6-1/2" i.d. drag tooth smooth shoe, 4 joints of 7-3/8" washpipe, X-O and 1- 4-1/4" drill collar. Washed over an additional 18' to 158' FS. Total washed over today-38', total washed over to date- 143'. Average drilling time for the last 18'- 12 min/ft. w/ 25/75 steel/cement ratio. Circulated well clean. SWI and SDON. Cumulative Cost: \$184,905.

1-10-02

Established circulation. Tagged up at 158' FS. Started washing over 5-1/2" casing and shoe hung up. Laid down swivel and POW w/ 1 -4-1/4" drill collar, X-O, 4 joints of 7-3/8" washpipe and 6-1/2" i.d. drag tooth smooth shoe dragging all the way out. Did not find anything on or inside of shoe. RIW w/ redressed 6-1/2" i.d. drag tooth smooth shoe, 4 joints of washpipe, X-O and 1-4-1/4" drill collar and tagged up at 146' FS. Worked down to 157'. Washed over 5-1/2" casing to 165' FS w/ heavy torque from 157'-161'. Circulated well clean. POW w/ 2 DC's, X-O, 4 jts. of washpipe and shoe. Found joint of 5-1/2" casing stuck inside bottom joint of 7-3/8" washpipe (4th joint of 5-1/2" casing recovered). Laid down bottom joint of washpipe. Made 7' today, 150' overall. SWI and SDON. Cumulative Cost: \$192,005.

1-11-02

Pulled stuck joint of 5-1/2" casing out of bottom joint of washpipe. RIW w/ same 6-1/2" i.d. shoe, 3 joints of 7-3/8" washpipe, X-O and 2 -4-1/4" DC's. Tagged up at 157' FS and worked down to 165' FS. Made 6" of new hole in 1-1/2 hours. Slugged 5 gals. of MF-55 Encapsulating Polymer in lined pit at pump suction and circulated well clean. POW and stood DC's in derrick and laid down shoe. RIW w/ redressed 6-1/2" flat bottom smooth shoe and 5 joints of 7-3/8" washpipe. Washed over 5-1/2" casing from 165' to 172' FS in 2 hours. Pulled up 10' and went back down and hung up at 166'. Circulated well clean. POW w/ 5 joints of washpipe and shoe. RIW w/ 5 joints of 2-7/8" EUE 8rd N-80 tubing w/ BP on EOT and tagged up at 157' FS. Worked down to 158' and RIW free to 197'. POW w/ tubing and stood in derrick. Made 7' of new hole today, 157' overall w/ 90/10 steel/cement ratio. SWI and SDON. Cumulative Cost: \$198,705.

1-12-02

RIW w/ 7-7/8" o.d. concave mill dressed inside of 7-3/8" i.d. shoe and 5 joints of 7-3/8" washpipe. Tagged up at 156' FS and milled to 157' in 40 minutes. Fell through to 163'. Milled from 163' to 169' FS in 5-1/2 hours. Circulated well clean. POW w/ washpipe and concave mill. RIW w/ new 7-7/8" o.d. concave mill dressed inside of 7-3/8" i.d. shoe and 5 joints of 7-3/8" washpipe. Milled 6' of 5-1/2" casing today. SWI and SD over weekend. Cumulative Cost: \$207,555.

1-13/14-02

No activity. Cumulative Cost: \$207,555.

1-15-02

Milled 3' of 5-1/2" casing from 169' to 172' FS in 4 hours. POW w/ 5 joints of 7-3/8" washpipe and 7-7/8" o.d. concave mill. RIW w/ 2-7/8" x 5-1/2" spear, 6 joints of 2-7/8" EUE 8rd N-80 tubing and tagged up at 162' and 167'. POW and laid down spear. RIW w/ 6 joints of 2-7/8" tubing w/ BP on EOT. Tagged up at 165' and turned tubing and RIW w/ 5 additional joints of tubing to 331' and tagged up. POW w/ tubing. RIW w/ 4-5/8" x 6-1/4" Pirranna mill and 6-4-1/4" DC's and tagged at 172' FS w/ blade. Milled approx. 3" and swivel stalled. Picked up 4' to 168' and milled back to 172' in 45 minutes w/ torque on mill. Picked up 1' and milled back to 172'. Slugged 2 gals. of MF-55 and circulated well clean. Left mill hanging at 155' FS. Pump pressure while milling-600 psi, pump rate- 7 bpm, 120 rpm. Had good steel returns while milling w/ last 1' milled showing 70% cement in returns. SWI and SDON. Cumulative Cost: \$215,150.

1-16-02

Started milling 5-1/2" casing at 172' KB. Milled 5' in 2-3/4 hours and air compressor on power swivel threw a rod. Slugged 2 gals. of MF-55 and circulated well clean. Down 4 hours for repair on power swivel. Continued milling to 187' KB. Made 15' of new hole today. Slugged 2 gals. of MF-55 and circulated well clean. SWI and SDON. Cumulative Cost: \$221,250.

1-17-02

Milled 5-1/2" casing from 187' KB to 201' KB in 7 hours. Twisted shaft on power swivel at 201'. Slugged 2 gallons of MF-55 and circulated well clean. RD swivel. POW w/ 7- 4-1/4" DC's and 4-5/8" x 6-1/4" Pirranna mill. Pirranna mill sent in to be redressed and power swivel sent in for repairs. Made 14' of new hole today. SWI and SDON. Cumulative Cost: \$225,550.

1-18-02

RIW w/ redressed 4-5/8" x 6-1/4" Pirranna mill, shock sub, X-O and 7 joints of 4-1/4" DC's. RU power swivel. Milled 5-1/2" casing from 201' to 233' KB in 8 hours. Made 32' of new hole today. Slugged 2 gls. of MF-55 and circulated well clean. SWI and SDON. Cumulative Cost: \$232,550.

1-19-02

Milled 5-1/2" casing from 233' to 265' KB. Made 32' of new hole today. Milled at an average rate of 10 min/ft. w/ last 6" in 60 minutes. Slugged well w/ 2 gallons of MF-55 and circulated well clean. Laid down swivel and POW w/ DC's and BHA. RIW w/ 9 joints of 2-7/8" EUE 8rd N-80 tubing w/ BP and tagged inside of 5-1/2" casing at 268' KB. POW w/ tubing. RIW w/ 4-3/4" o.d. conebuster mill, X-O sub, 9- 4-1/4" DC's and power swivel to fill at 268'. Milled 2' of fill inside of 5-1/2" casing in 50 minutes. Slugged well w/ 2 gallons of MF-55 and circulated well clean. Laid down swivel and POW w/ 4 DC's. SWI and SD over weekend. Cumulative Cost: \$240,233.

1-20/21-02

No activity. CWC: \$240,233.

1-22-02

RIW w/ 4- 4-1/4" drill collars and RU power swivel. Milled fill inside of 5-1/2" casing w/ 4-3/4" conebuster mill from 270' to 276' KB and fell out of fill. RIW to 301' and tagged fill and pushed fill down to 421' KB. Circulated well clean and POW w/ 14- 4-1/4" DC's, X-O sub and 4-3/4" conebuster mill. RIW w/ 4-5/8" x 6-1/4" Pirranna mill and 9- 4-1/4" drill collars. Milled 5-1/2" casing from 265' to 300' KB. Made 35' of new hole today. Slugged well w/ 2 gals. of MF-55 and circulated well clean. Pulled mill up to 150'. SWI and SDON. Cumulative Cost: \$248,183.

1-23-02

RIW w/ 4-1/4" DC's to 300' KB. Milled to 308' KB w/ 4-5/8" x 6-1/4" Pirranna mill. Made 8' of new hole today. NMOCD agreed to perforate and squeeze at 300'. Circulated well clean and POW. RIW w/ 7-7/8" o.d. concave mill, X-O and 8- 4-1/4" DC's and tagged up at 225'. Milled to 308' KB. Slugged 3 gals. of MF-55 and circulated well clean. POW and laid down power swivel, 11- 4-1/4" DC's and Pirranna mill. Laid down 4 joints of 7-3/8" washpipe standing in derrick. SWI and SDON. Cumulative Cost: \$255,933.

1-24-02

RU wireline and RIW w/ 4" Tag gun. Perforated 8-5/8" casing at 297' to 301' KB w/ 6 JSPF, 24 holes. POW w/ Tag gun and RD wireline. RIW w/ 8-5/8" cement retainer and 8 joints of 2-7/8" EUE 8rd N-80 tubing to 264'. RU FCI on tubing and broke circulation w/ 4 bfw. Set CICR at 264' KB. Established circulation through 8-5/8" x 13-3/8" annulus. After 5 bfw pumped had small flow out of 8-5/8" x 2-7/8" annulus. Mixed and pumped 50 sx of Class "C" cement w/ 2% CaCl₂ (S.w. 14.8 ppg, yield 1.32 cuft/sk). Stung out of CR and pumped an additional 45 sx of Class "C" cement and circulated 8 sx to lined pit. POW and laid down all tubing. ND hydril and drilling flange. NU tubing hanger. Mixed and pumped 10 sx of Class "C" cement and displaced w/ 1 bfw, closed in 8-5/8" x 13-3/8" annulus and pressured to 500 psi. Bled off to 250 psi in 5 minutes and pressured to 500 psi two more times w/ same results. RD FCI. Installed pressure gauges and SDON w/ SICP @ 250 psi. Cumulative Cost: \$268,121.

1-25-02

8-5/8" SICP- 0 psi. 13-3/8" x 8-5/8" annulus- 0 psi. ND tubing hanger and RIW w/ 1 joint of 2-7/8" EUE 8rd N-80 tubing and tagged TOC at 18' FS. POW and laid down tubing. NU tubing hanger w/ gauge. RDPU. Gang hauled 31 joints of 2-7/8" EUE 8rd N-80 tubing to Denton yard and also hauled 4 joints of junk 5-1/2" casing to junk pile. Vacuum truck hauled 230 barrels of fluid from lined pit to disposal. Cumulative Cost: \$269,596.

1-26/28-02

8-5/8" SICP- 0 psi. 13-3/8" x 8-5/8" annulus- 0 psi. Cumulative Cost: \$269,596.

1-29-02

8-5/8" SICP- 0 psi. 13-3/8" x 8-5/8" annulus- 0 psi. Opened valves and had no flow from 8-5/8" casing or 13-3/8" x 8-5/8" annulus. Cumulative Cost: \$269,596.

1-30-02

8-5/8" SICP- 0 psi. 13-3/8" x 8-5/8" annulus- 0 psi. Cumulative Cost: \$269,596.

2-1-02

8-5/8" SICP- 0 psi. 13-3/8" x 8-5/8" annulus- 0 psi. Opened valves and had no flow from 8-5/8" casing or 13-3/8" x 8-5/8" annulus. Vacuum truck emptied fluid from lined pit and hauled to disposal. Backhoe dug out wellhead and backfilled pit. Gang took down fence around pit, ND WH flanges and cleaned up location. Cumulative Cost: \$270,564.

2-2-02

Welder capped 13-3/8" casing, welded dry hole marker and 1" x 8" nipple w/ valve on cap and cut off mast anchors. Piped 1" to surface w/ valve and gauge. Backhoe backfilled cellar and leveled location. Cumulative Cost: \$271,084. FINAL REPORT, WELL PLUGGED AND ABANDONED.

printed for file 2/4/02 sdt