Form 9-311 Bec. 1973       UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY       5. LEASE         SUNDRY NOTICES AND REPORTS ON GEOLOGICAL SURVEY       5. LEASE         SUNDRY NOTICES AND REPORTS ON GEOLOGICAL SURVEY       5. LEASE         Do not use this form for proposals to drill or to deepen or plug back to a different reserver. Use form 9-311-C for such proposals well [] well [] well [] other       0. CD. ARTESIA, OFFICE         1. oil gas well [] well [] well [] well [] other       0. CD. ARTESIA, OFFICE       8. FARM OR LEASE NAME Powers OL Federal         2. NAME OF OPERATOR 207 South 4th St., Artesia, NM 88210       0. CD. ARTESIA, OFFICE       9. WELL NO.         4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) AT SURFACE: 1980 FSL & FWL, Sec. 27-6S-25E       11. SEC, T, R. M., OR BLK. AND SURVEY OF AREA Unit K, Sec. 27-T6S-R25E         12. COUNTY OR PARISH 13. STATE REPORT, OR OTHER DATA       SUBSEQUENT REPORT DE CLEARES NUT-OFF         REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT DE CHANGE ZONES ABANDON* (other) Surface & Intermediate Casing       MAY 2.5 1982 (NOTE: Report results of multiple completion or zer OII & GAS <sup>change</sup> on Form 9-330.) L.C. OEDICOCIAL SURVEY         MAY 2.5 1982       14. API NO.         ICHER REPORTS OR ADDRONAL TO: SUBSEQUENT REPORT DE CHANGE ZONES ABANDON* (other) Surface & Intermediate Casing	· · · · · ·	MM QIL CONS. CONNI Drawer DD Artesia, MM E8210	ISSION SET T
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<ul> <li>1. off general general general general general states of the st</li></ul>	I	reservoir. Use Form 9–331–C for such proposals.)	
2. Nome of OPERATOR       2. ARTESIA, OFFICE       10. FIELD OR WILDCAT NAME         3. ADDRESS OF OPERATOR       207 South 4th St., Artesia, NM 88210       11. SEC. T. R.M., OR BLK. AND SURVEY OF         4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17       11. SEC. T., R.M., OR BLK. AND SURVEY OF         AT TOP PROD. INTERVAL       AT TOP PROD. INTERVAL       AT TOP PROD. INTERVAL         AT TOP PROD. INTERVAL       AT TOP ADDETHE       IS. CHICK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE.         I. SECT. TO APPROVAL TO:       SUBSEQUENT REPORTOR       IS. ELEVATIONS (SHOW DF, KDB, AND WD         REQUEST FOR APPROVAL TO:       SUBSEQUENT REPORTOR       IS. ELEVATIONS (SHOW DF, KDB, AND WD         TEST WATER SHUT OFF       INTER CASING       INTER CASING       INTER CASING         MULTIPLE COMPLETE       INTERVAL       INTERVAL       INTERVAL         ADANDON'       IS. SUBSEQUENT REPORTORS       INTERVAL       Store form P-3300         MULTIPLE COMPLETE       INTERVAL       INTERVAL       INTERVAL         Spudded a 14-3/4" hole 5:30 PM 4-18-82, DT1'd to TD of 985'. Lost circulation at 818       Attempted to run casing to TD, but could not. Ran 22 joints of 10-3/4" 40.5% casing 870'. I-TEXAS PATEET guide show at 870'. Insert float at 846'. Genented w/150 sack 11/50 sack Parcesetter Life and 32         Tailed in w/300 sacks Class "C" 22 CaCl2. Compressive strength of cement - 1250 p51         12 hrs. PD 3:3			
<ul> <li>1. ADDRESS OF OPERATOR</li> <li>2. COLLING OF WELL (REPORT LOCATION CLEARLY. See space 17 heldow)</li> <li>AT SUBFACE: 1980 FSL &amp; FML, Sec. 27-65-25E AT TOP PROD. INTERVAL:</li> <li>AT TOTAL DEPTH:</li> <li>16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE REPORT, OR OTHER DATA</li> <li>17. CHECK APPROVAL TO:</li> <li>2. SUBSEQUENT REPORTORS (SHOW DF, KDB, AND WE CHECK APPROVAL TO:</li> <li>3. SUBSEQUENT REPORTORS (SHOW DF, KDB, AND WE CHECK APPROVAL TO:</li> <li>3. SUBSEQUENT REPORTORS (SHOW DF, KDB, AND WE CHECK APPROVAL TO:</li> <li>3. SUBSEQUENT REPORTORS (SHOW DF, KDB, AND WE CHECK APPROVAL TO:</li> <li>3. SUBSEQUENT REPORTORS (SHOW DF, KDB, AND WE CHECK APPROVAL TO:</li> <li>3. SUBSEQUENT REPORTORS (SHOW DF, KDB, AND WE CHECK APPROVAL TO:</li> <li>3. SUBSEQUENT REPORTORS (SHOW DF, KDB, AND WE CHECK APPROVAL TO:</li> <li>4. API NO.</li> <li>4. API NO.</li> <li>5. ELFANTORS (SHOW DF, KDB, AND WE CHECK APPROVAL TO:</li> <li>5. SUBSEQUENT REPORTORS (SHOW DF, KDB, AND WE CHECK APPROVAL TO:</li> <li>5. SUBSEQUENT REPORTORS (SHOW DF, KDB, AND WE CHECK APPROVAL TO:</li> <li>5. SUBSEQUENT REPORTORS (SHOW DF, KDB, AND WE CHECK APPROVAL TO:</li> <li>5. SUBSEQUENT REPORTORS (SHOW DF, KDB, AND WE CHECK APPROVED TO:</li> <li>6. CHECK APPROVAL TO:</li> <li>5. SUBSEQUENT REPORTORS (SHOW DF, KDB, AND WE CHECK APPROVED TO:</li> <li>6. CHECK APPROVAL TO:</li> <li>6. CHECK APPROVAL TO:</li> <li>6. CHECK APPROVAL TO:</li> <li>7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent details, and give pertinent det</li></ul>		2. NAME OF OPERATOR	6
3. ADDRESS OF OPERATOR       Peccos Slope Abo         207 South 4th St., Artesia, NM 88210       A. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below)       ISEC. T. R. M. OR BLK AND SURVEY OL AREA         4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below)       Unit K. Sec. 27-T6S-R25E         AT TOP PROD. INTERVAL:       AT TOPAL DEPTH:         16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE. REPORT, OR OTHER DATA       II. API NO.         16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE. REPORT, OR OTHER DATA       II. API NO.         17. STATE TORAL DEPTH:       II. API NO.         18. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE. REPORT, OR OTHER DATA       II. API NO.         19. CHECK APPROPRIATE TO A DIVIDE TO SUBSEQUENT REPORT OF COMPLETE OF ADDIVIDE COMPLETE OF ADDIVIDES COMPLETE ADDIVIDES COMPLETE OF ADDIVIDES		Yates Petroleum Corporation	
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TEST WATER SHUT-OFF       WAY 2.5 1982         SHOOT OR ACIDIZE       WAY 2.5 1982         PULL OR ALTER CASING       WOTLE REPAIR WELL         PULL OR ALTER CASING       WOTLERE COMPLETE         CHANGE ZONES       BANDON*         (other) Surface & Intermediate Casing       I.C. GEOLOGICAL SURVEY         I7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent date including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations at measured and true vertical depths for all markers and zones pertinent to this work.)*         Spudded a 14-3/4" hole 5:30 PM 4-18-82. Drl'd to TD 0985'. Lost circulation at 818         Attempted tor un casing to TD, but could not. Ran 22 joints of 10-3/4" 40.5# casing 870'. 1-Texas Pattern guide shoe at 870'. Insert float at 846'. Cemented w/150 sac Thixolite, 1/2#/sack celloseal, 1#/sack Permacheck, 350 sacks Pacesetter Lite and 3% Tailed in w/300 sacks Class "C" 2% CaCl2. Compressive strength of cement - 1250 psi 12 hrs. PD 5:30 AM 4-21-82. Bumped plug to 800 psi, released pressure and float held okay. Cement did not circulate. WOC 6 hrs. Ran Temperature Survey and found top of cement at 810'. Ran 1". Tagged cement at 515'. Spotted 50 sacks Thixolite 3% CaCl2         Yer Sputded 100 sacks Class "C" 2% CaCl. PD 2:40 AM 4-22-82. WOC 4 hrs. Ran 1". Tagged cement at 457'. Spotted 100 sacks Class "C" 2% CaCl. PD 2:40 AM 4-22-82. WOC 4 hrs. Ran 1". Tagged cement at 457'. Spotted 100 sacks Class "C" 2% CaCl. PD 2:40 AM 4-22-82. WOC 4 hrs. Ran 1". Tagged cement at 145 subsurface Safety Valve: Manu. and Type         I8. Thereby certify that the foregoing is		REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF	
FRACTURE TREAT       MAY 2.5 1982         SHOOT OR ACIDIZE       MAY 2.5 1982         REPAIR WELL       OIL C. GAS <sup>Genge on Form 9-330.</sup> PULL OR ALTER CASING       OIL C. GAS <sup>Genge on Form 9-330.</sup> MULTIPLE COMPLETE       COMPLETE         CHANGE ZONES       RESWELL NEW MEXICO         ABANDON*       Concorner of the second s		A State of the second se	
REPAIR WELL       (NOTE: Reportentls of multiple completion or zero OIL C. GASChange on Form 9-330)         MULTIPLE COMPLETE       OIL C. GASChange on Form 9-330)         MULTIPLE COMPLETE       OIL C. GASChange on Form 9-330)         Gather Complete       Complete Complete         Context Complete       OIL C. GASChange on Form 9-330)         MULTIPLE COMPLETE       Dift C. GASChange on Form 9-330)         Gather Complete       Complete Complete         Context Complete       Dift C. GASChange on Form 9-330)         Gather Complete       Complete Complete         Complete Complete       Dift C. GASChange on Form 9-330)         Gather Complete       Complete Complete         Complete Complete       Dift C. GASChange on Form 9-330)         Gather Complete       Complete Complete         Multiple Complete       Complete         Spudded a 14-3/4" hole 5:30 PM 4-18-82. Dr1'd to TD of 985'. Lost circulation at 818         Attempted to run casing to TD, but could not. Ran 22 joints of 10-3/4" 40.5# casing         870'. 1-Texas Pattern guide shoe at 870'. Insert float at 846'. Commented #/150 sac         Thixolite, 1/2#/sack celloseal, 1#/sack Permacheck, 350 sacks Thixolite 3% Call         12 hrs. PD 5:30 AM 4-21-82. Bumped plug to 800 psi, released pressure and float held         okay. Cement did not circulate. WOC 6 hrs. Ran 1". Tagged cement at 515'. Spotted 50 sacks Thixoli			/ 9 F 1000
<ul> <li>PULL OR ALTER CASING</li> <li>MULTIPLE COMPLETE</li> <li>MULTIPLE COMPLETE</li> <li>MULTIPLE COMPLETE</li> <li>MULTIPLE COMPLETE</li> <li>CHANGE ZONES</li> <li>ABANDON*</li> <li>(other) Surface &amp; Intermediate Casing</li> <li>I.D. ESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent date including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations ar measured and true vertical depths for all markers and zones pertinent to this work.)*</li> <li>Spudded a 14-3/4" hole 5:30 PM 4-18-82. Drl'd to TD of 985'. Lost circulation at 818</li> <li>Attempted to run casing to TD, but could not. Ran 22 joints of 10-3/4" 40.5% casing 870'. 1-Texas Pattern guide shoe at 870'. Insert float at 846'. Cemented w/150 sac Thixolite, 1/2#/sack celloseal, 1#/sack Permacheck, 350 sacks Pacesetter Lite and 3% Tailed in w/300 sacks Class "C" 2% CaCl2. Compressive strength of cement - 1250 psi 12 hrs. PD 5:30 AM 4-21-82. Bumped plug to 800 psi, released pressure and float held okay. Cement did not circulate. WOC 6 hrs. Ran Temperature Survey and found top of cement at 810'. Ran 1". Tagged cement at 515'. Spotted 50 sacks Thixolite 3% CaCl2 Permacheck, 1# celloseal. PD 12:01 AM 4-22-82. WOC 2 hrs. Ran 1". Tagged cement at 457'. Spotted 50 sacks Thixolite 3% CaCl2 Permacheck, 1# celloseal. PD 12:01 AM 4-22-82. WOC 2 hrs. Ran 1". Tagged cement at 457'. Spotted 50 sacks Thixolite 3% CaCl2 Permacheck and 1# cell seal. PD 7:15 AM 4-22-82. WOC 2 hrs. Ran 1". Tagged cement at 457'. Spotted 50 sacks Thixolite 3% CaCl2 Permacheck and 1# cell seal. PD 7:15 AM 4-22-82. WOC 2 hrs. Ran 1". Tagged cement at 457'. Spotted 50 sacks Thixolite 3% CaCl2 Permacheck and 1# cell seal. PD 7:15 AM 4-22-82. WOC 2 hrs. Ran 1". Tagged cement at 457'. Spotted 200 sacks Class "C" 3% CaCl2. PD 9:45 AM 4-22-82. WOC 5-1/2 hrs. Tagged cement at 145. Subsurface Safety Valve: Manu. and Type</li> <li>Is I hereby certify th</li></ul>			. – 1
<ul> <li>MULTIPLE COMPLETE LI CEDICOCICAL SURVEY CHANGE ZONES CONS (other) Surface &amp; Intermediate Casing</li> <li>17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all perlinent details, and give perlinent date including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations ar measured and true vertical depths for all markers and zones perlinent to this work.)"</li> <li>Spudded a 14-3/4" hole 5:30 PM 4-18-82. Drl'd to TD of 985'. Lost circulation at 816 Attempted to run casing to TD, but could not. Ran 22 joints of 10-3/4" 40.5# casing 870'. 1-Texas Pattern guide shoe at 870'. Insert float at 846'. Cemented w/150 sac Thixolite, 1/2#/sack celloseal, 1#/sack Permacheck, 350 sacks Pacesetter Lite and 3% Tailed in w/300 sacks Class "C" 2% CaCl2. Compressive strength of cement - 1250 psi 12 hrs. PD 5:30 AM 4-21-82. Bumped plug to 800 psi, released pressure and float held okay. Cement did not circulate. WOC 6 hrs. Ran Temperature Survey and found top of cement at 810'. Ran 1". Tagged cement at 515'. Spotted 50 sacks Thixolite 3% CaCl2 Permacheck, 1# celloseal. PD 12:01 AM 4-22-82. WOC 2 hrs. Ran 1". Tagged cement at 457'. Spotted 100 sacks Class "C" 2% CaCl. PD 2:40 AM 4-22-82. WOC 4 hrs. Ran 1". Tagged cement at 457'. Spotted 50 sacks Thixolite 3% CaCl2 Permacheck and 1.1# cell sacks Class "C" 3% CaCl2. PD 9:45 AM 4-22-82. WOC 5-1/2 hrs. at 145' subsurface Safety Valve: Manu. and Type 18. Thereby certify that the foregoing is true and correct siGNED <i>L A A A A A A A A A A</i></li></ul>		PULL OR ALTER CASING	(NOTE: Report results of multiple completion or zoing the concentration or zoing the concentration of the concentr
ABANDON* (other) Surface & Intermediate Casing 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent date including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations ar measured and true vertical depths for all markers and zones pertinent to this work.)* Spudded a 14-3/4" hole 5:30 PM 4-18-82. Drl'd to TD of 985'. Lost circulation at 816 Attempted to run casing to TD, but could not. Ran 22 joints of 10-3/4" 40.5# casing 870'. 1-Texas Pattern guide shoe at 870'. Insert float at 846'. Cemented w/150 sac Thixolite, 1/2#/sack celloseal, 1#/sack Permacheck, 350 sacks Pacesetter Lite and 3% Tailed in w/300 sacks Class "C" 2% CaCl2. Compressive strength of cement - 1250 psi 12 hrs. PD 5:30 AM 4-21-82. Bumped plug to 800 psi, released pressure and float held okay. Cement did not circulate. WOC 6 hrs. Ran Temperature Survey and found top of cement at 810'. Ran 1". Tagged cement at 515'. Spotted 50 sacks Thixolite 3% CaCl2 Permacheck, 1# celloseal. PD 12:01 AM 4-22-82. WOC 2 hrs. Ran 1". Tagged cement at 457'. Spotted 100 sacks Class "C" 2% CaCl. PD 2:40 AM 4-22-82. WOC 4 hrs. Ran 1". Tagged cement at 457'. Spotted 50 sacks Thixolite 3% CaCl2 Permacheck, 1# celloseal. PD 9:45 AM 4-22-82. WOC 5-1/2 here are 197'. Spotted 200 sacks Class "C" 3% CaCl2. PD 9:45 AM 4-22-82. WOC 5-1/2 here are 197'. Spotted 200 sacks Class "C" 3% CaCl2. PD 9:45 AM 4-22-82. WOC 5-1/2 here are 197'. Spotted 200 sacks Class "C" 3% CaCl2. PD 9:45 AM 4-22-82. WOC 5-1/2 here are 197'. Spotted 200 sacks Class "C" 3% CaCl2. PD 9:45 AM 4-22-82. WOC 5-1/2 here are 197'. Spotted 200 sacks Class "C" 3% CaCl2. PD 9:45 AM 4-22-82. WOC 5-1/2 here are 197'. Spotted 200 sacks Class "C" 3% CaCl2. PD 9:45 AM 4-22-82. WOC 5-1/2 here are 197'. Spotted 200 sacks Class "C" 3% CaCl2. PD 9:45 AM 4-22-82. WOC 5-1/2 here are 197'. Spotted 200 sacks Class "C" 3% CaCl2. PD 9:45 AM 4-22-82. WOC 5-1/2 here are 1005/25/26/26/26/26/26/26/26/26/26/26			
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<ul> <li>17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent date including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations ar measured and true vertical depths for all markers and zones pertinent to this work.)*</li> <li>Spudded a 14-3/4" hole 5:30 PM 4-18-82. Drl'd to TD of 985'. Lost circulation at 818 Attempted to run casing to TD, but could not. Ran 22 joints of 10-3/4" 40.5# casing 870'. 1-Texas Pattern guide shoe at 870'. Insert float at 846'. Cemented w/150 sac Thixolite, 1/2#/sack celloseal, 1#/sack Permacheck, 350 sacks Pacesetter Lite and 3% Tailed in w/300 sacks Class "C" 2% CaCl2. Compressive strength of cement - 1250 psi 12 hrs. PD 5:30 AM 4-21-82. Bumped plug to 800 psi, released pressure and float held okay. Cement did not circulate. WOC 6 hrs. Ran Temperature Survey and found top of cement at 810'. Ran 1". Tagged cement at 515'. Spotted 50 sacks Thixolite 3% CaCl2 Permacheck, 1# celloseal. PD 12:01 AM 4-22-82. WOC 2 hrs. Ran 1". Tagged cement at 457'. Spotted 100 sacks Class "C" 2% CaCl. PD 2:40 AM 4-22-82. WOC 4 hrs. Ran 1". Tagged cement at 457'. Spotted 50 sacks Thixolite 3% CaCl2 permatedorft and 1# celloseal. PD 9:45 AM 4-22-82. WOC 5-1/2 hrs. Ran 1". Tagged cement at 145'. Spotted 50 sacks Thixolite 3% CaCl2 permatedorft and 1# celloseal. PD 9:45 AM 4-22-82. WOC 5-1/2 hrs. Tagged cement at 145'. Spotted 50 sacks Thixolite 3% CaCl2 permatedorft and 1# celloseal cont'd page 2)</li> <li>18. I hereby certify that the foregoing is true and correct subsurface Safety Valve: Manu. and Type (cont'd page 2)</li> <li>19. I hereby certify that the foregoing is true and correct subsurface Safety Valve: Manu. and Type (this space for Federal or State officious MEXICO)</li> <li>19. The performance officious Sector State officious Sector State officious MEXICO)</li> </ul>			
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Continued Page 2 Powers OL Federal #6 - NM-14755 1980 FSL & FWL, Sec. 27-6S-25E Chaves County, New Mexico

Spotted 25 sacks Class "C" 3% CaCl<sub>2</sub> and 25 sacks Thixolite 3% CaCl<sub>2</sub> and 2# Permacheck and 1# celloseal. PD 3:45 PM 4-22-82. WOC 1 hour. Ran 1". Tagged cement at 90'. Spotted 50 sacks Class "C" 2% CaCl<sub>2</sub>. PD 5:15 PM 4-22-82. WOC 2-1/2 hours. Ran 1". Tagged cement at 56'. Spotted 50 sacks Thixolite, 3% CaCl<sub>2</sub>, 2# Permacheck and 1# celloseal and 50 sacks Class "C" 3% CaCl<sub>2</sub>. PD 8:15 PM 4-22-82. Bumped plug to 900 psi, released pressure and float held okay. Cement circulated 25 sacks to pit. WOC. Drilled out 4:15 AM 42-23-82. WOC 46 hours and 45 minutes. Nippled up and tested to 1000 psi, okay. Reduced hole to 9-7/8". Drilled plug and resumed drilling. Ran 25 joints of 8-5/8" 24# casing set 995'. 1-Texas Pattern guide shoe set 995'. Did not use a float. Cemented w/200 sacks Thixolite, 1/2#/sack Permacheck, 1/4# celloseal and 400 sacks Pacesetter Lite, 3% CaCl2. Tailed in w/400 sacks Class "C" 2% CaCl<sub>2</sub> Compressive strength of cement - 1250 psi in 12 hours. Cement circulated 30 sacks. PD 1:45 PM 5-13-82. Bumped plug to 750 psi, released pressure and float held okay. WOC. WIH and perforated 4 .25" hole at 830'. Squeezed perforations in 4 stages as follows: Stage 1: 500 sacks Class "C" Neat. PD 5:30 PM 5-14-82. Stage 2: 300 sacks Class "C" Neat. PD 3:00 AM 5-15-82. Stage 3: 300 sacks Class "C" Neat. PD 6:00 AM 5-15-82. Stage 4: 100 sacks Class "H" and 12% Thixaide. PD 7:00 PM 5-15-82. Cement circulated. WOC. Drilled out 4:00 AM 5-16-82. WOC 62 hours and 45 minutes. NU and tested to 1000 psi, okay. Reduced hole to 7-7/8". Drilled plug and resumed drilling. Drilled out and lost returns. Set lost circulation plugs as follows: Plug #1: 150 sacks Thixolite, 2#/sack Permacheck and 1/2# sack celloseal. Tailed in with 100 sacks Class "C" 2% CaCl. Set plug 994'. PD 2:04 PM 5-16-82. WOC 12-1/2 hrs. Plug #2: 25 sacks Thixoment and 25 sacks Class "C" 3% CaCl2. Plug set at 1062'. PD 2:16 AM 5-17-82. Pulled 1 joint. Waited 20 minutes. Plug #3: 25 sacks Thixoment and 25 sacks Class "C" 3% CaCl. Plug set 1032'. PD 3:20 AM 5-17-82. Pulled 1 joint. Waited 20 minutes. Plug #4: 25 sacks Thixoment and 25 sacks Class "C" 3% CaCl<sub>2</sub>. Plug set 1002'. PD 3:50 AM 5-17-82. COOH w/drill pipe. WOC 4 hours. Plug #5: 35 sacks Thixoment and 35 sacks Class "C" 3% CaCl2. Plug set 1057'. PD 8:55 AM 5-17-82. Pulled 2 stands. Waited 20 minutes. Plug #6: 35 sacks Thixoment and 35 sacks Class "C" 3% CaCl2. Plug set at 922'. PD 9:30 AM 5-17-82. COOH. WOC 4 hours.

Ran 37 joints of 7" 20# K-55 casing set 1575'. 1-Texas Pattern notched guide shoe at 1575'. Insert float at 1528'. Cemented w/50 sacks Class "C" 2% CaCl<sub>2</sub>. Compressive strength of cement - 1250 psi in 12 hours. PD 12:30 AM 5-20-82. Cement did not circulate. Ran Temperature Survey and found top of cement at 820' WOC. Drilled out 11:30 PM 5-20-82. WOC 23 hours. NU and tested to 1000 psi, okay. Reduced hole to 6-1/4". Drilled plug and resumed drilling.

Engineering Secretary fic an Ta Lordian Date 5-21-82