(if me: 1999)       DEPARTIME: DF THE INTERLOR 1301 W. Grand Ave Strange Approved Artosia, NM. Super 25 Approved Artosia, NM. Secondaria and Ave Strange Approved Artosia and Ave Strange Approved Article Approved Artin Approved Article Approved Article Approved Arting Approved Arti	Form 3160-5 UNI <sup>2</sup>	N.M. Oil Cc <sup>-</sup> 3	DIV-Dist. 2 CIST
Aftesia, NM       9.9.2 Control         Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.       1.0.0000000000000000000000000000000000		OF THE INTERIOR 1301 W Gro	nd Avenue
Artossian       Base 2: Artos with 1, 1920         Do not use this form for proposals to dril or to deepen or reentry to a different reservoir.       I. Coossession         Use "APPLICATION FOR PERMIT—" for such proposals       I. Indua, Aliabete or fink Nume.         Diamond use this form for proposals to dril or to deepen or reentry to a different reservoir.       I. Indua, Aliabete or fink Nume.         Diamond Use The Nume.       I. Indua, Aliabete or fink Nume.       I. Indua, Aliabete or fink Nume.         Diamond Use Stars Operative, N.C.       I. Unit or CA. Agreement Designation       I. Well Name and Nu.         I. Address and Telephone Nu.       I. Must Stars Operative, N.C.       I. Address and Telephone Nu.       I. Must Stars Operative, N.C.         I. Address and Telephone Nu.       I. Must Stars Operative, N.C.       I. Must Stars Operative, N.C.       I. Must Stars Operative, N.C.         I. Address and Telephone Nu.       I. Must Stars Operative, N.C.       I. Must Stars Operative, N.C.       I. Must Stars Operative, N.C.         I. Address and Telephone Nu.       Sugart Compares Sec. 7, R. M. or Survey Description       I. Surgart Stars Operative, N.C.       I. Must Stars Operative, N.C.         I. Address and Telephone Nu.       Construction Nu.       I. Must Stars Operative, N.C.       I. Must Stars Operative, N.C.         I. Address Address Sec. 7, R. M. or Survey Description       I. Survey Description       I. Survey Description       I. Survey De	BUREAU OF L	AND MANAGEMENT	
Do not use this form for proposals is did to 'to deepen or reently to a different reservoir.       LC-055860         Use 'APPLICATION FOR PERMIT—' for such proposals       6. If beins, allottice or Tribe Name         Name of General       SUBMIT IN TRIPLICATE         Days of General       4.         Type of Weil       0.         Days of General       4.         Type of Weil       0.         Days of General Com #2       0.         Address and Telephone No.       0.         20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 2455211       0.         1. Address and Telephone No.       0.         20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA CITY, OKLAHOMA 73102 (405) 2455211       0.         1. Address and Telephone No.       0.         20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA CITY, OKLAHOMA 73102 (405) 2455211       0.         1. Control Weil (Footige: Sec. T. R. M. or Survey Description)       1.       0.0163 31753         1. Subsuppont Report       I.       0.       0.         1. Subsuppont Report       I.       0.       0.         1. Subsuppont Report       I.       0.       0.       0.         1. Subsuppont Report       I.       0.       0.       0.         1. Subsuppont Report <td< th=""><th></th><th>Artesia, NA</th><th>8821 Propires March 31, 1993</th></td<>		Artesia, NA	8821 Propires March 31, 1993
Use "APPLICATION FOR PERMIT" for such proposals       6. If idea. Allotse of Trike Name         SUBMIT IN TRIPLICATE       NA         I Bus of Opensor       NA         I Americal Opensor       A         I Americal Opensor       A         I Americal Opensor       A         I Americal Opensor       A         I Addets and Telephone No.       A         I Addets Add			
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	Use APPLICATION FOR PERMIT— Tor such proposals		b. If Indian, Allottee or Tribe Name
	SUBMIT		
Name of periods      Name of the second secon	1 T	345370370	7. If Unit or CA, Agreement Designation
DEVON SPS OF EXAMING, MC.       Subject Spectral Technology         1, Address and Telephone Ns.       20 NORTH BROADWAY, SUITE 1590, OKLAHOMA CITY, OKLAHOMA 73102 (00) 1553[11]       Subject Spectral Spectr			8. Well Name and No.
	2. Name of Operator		Shugart 25 Federal Com #2
20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (408) 2552911 <u>10.1616 and Pool</u> , or Exploratory Area             Shugart, Morrow <u>11.2007 FNL &amp; 6607 FWL, Sec. 7. R. M. or SURVEY Description)             <u>12507 FNL &amp; 6607 FWL, Sec. 25, T185-R31E             <u>10.1616 and Pool</u>, or Exploratory Area             <u>Shugart, Morrow             <u>11.Comport Particle, State             <u>Eddy, NM             </u> <u>CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA             TYPE OF SUBMISSION             <u>IFUE OF SUBMISSION             IFUE OF ACTION             <u>IFUE OF SUBMISSION             IFUE OF ACTION             <u>IFUE OF SUBMISSION             IFUE OF SUBMISSION             <u>IFUE OF SUBMISSION             IFUE OF ACTION             <u>IFUE OF ACTION             IFUE OF ACTION             IFUE OF ACTION             IFUE OF ACTION         </u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u>	3 Address and Telephone No.		
Location of Well (Footage. See, T., R., M., or Survey Description)     1250' FNL & 660' FWL, Soc 25, T185-R31E      10. Field and Pool, or Exploratory Area     Sugart, Morrow     11. County or Paruh, Suite     Eddy, NM      CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA     TYPE OF SUBMISSION     TYPE OF SUBMISSION     TYPE OF ACTION     Notice of Intent     Abandomment     Recompletion     Subsequent Report     Final Abandomment Notice     Other StandStands     Conversion to Injection     Other StandStands     Conversion to Injection     Other StandStands     Conversion to Injection     Other StandStands     Other StandStands     Conversion to Injection     Other StandStands     Other StandStands     Conversion to Injection     Other StandStands     Conversion to Injection     Other StandStands     Conversion to Injection     Other StandStandstands     Conversion to Injection     Other StandStandstand     Conversion to Injection     Other StandStandstand     Conversion to Injection     Other StandStandstands     Other StandStandstands     Other StandStandstands     Other StandStandstandstandstandstandstandstandstands			30-015-31758
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	4. Location of Well (Footage. Sec., T., R., M., or Survey Description)		Shugart; Morrow
CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA         TYPE OF SUBMISSION         TYPE OF SUBMISSION         Notice of Intent         Online of Intent       Online of Intent         Subsequent Report       Online of Intent         Final Abandonment, Notice       Online Signing Back         Other Symptome       Other Symptome         13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give partitient dates, including estimated date of starting any proposed work. If well is directionally drilled, give states account of maintep completion will conversion to Injection         13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give partitient dates, including estimated date of starting any proposed work. If well is directionally drilled, give states and account of the work of starting any proposed work. If well is directionally drilled, give states account of the work of starting any proposed work. If well is directionally drilled, give states account of	1250' FNL & 660' FWL, Sec 25, 1165-K31C		
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TYPE OF SUBMISSION       TYPE OF ACTION         Notice of Intent       Abandonment       Abandonment       Change of Plans         Subsequent Report       Plugging Back       Non-Routine Fracturing       Water Shut-Off         In al Abandonment Notice       Other Spud-Bumthr       Conversion to Inspection       Conversion to Inspection         13. Describe Proposed or Completed Operations (Ckarly state all pertinent details, and give pertinent datas, including estimated date of starting any proposed work. If well is directionally drilled, give startface locations and measured and rux vertical deptils for all markers and zones pertinent to his work.)*         8/30/01 - Continue to TIH w/bg, TAG DV tool, press test 2000//, drill to 11,121, SDON       Syndon - RUPUPU 4 5/8 bit, 6 - 3 ½ D.C C, 31.2 its, Shut well in due to storm in area.         8/31/01 - Continue to TIH w/bg, TAG DV tool, press test 2000//, drill to 11,121, SDON       Syndon - 74 3 SPF 24 shots total, 11,960' - 62 3 SPD 6 shots total, 11,966' - 74 3 SPF 24 shots total, 11,960' - 62 3 SPD 6 shots total, 11,966' - 74 3 SPF 24 shots total, 11,960' - 62 3 SPD 6 shots total, 11,955' - 57 3 SPF 12 shots total, 11,042' 1 SPF 9, shots total, 11,040' Swab dry SDON         9/10/10 - Perforated Morrow 12,038' - 12,042' 1 SPF 9, shots total, 11,040' Swab dry SDON       ACCEPTED FOR RECORD         9/11/01 - Acidize well w/500 gals of 7 ½%. NEFe wimethanol & treated wtr.       ACCEPTED FOR RECORD         9/22/01 - Acidize well w/500 gals of 7 ½%. NEFe wimethanol & treated wtr.       ALEXIS C. SWOBOD AP         9/22/01 - Acidize well w/500 gals			
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	Subsequent Report		
I in its robustion in robust     Other <u>Speed Summar</u> Other <u></u>	Final A handonment Notice		
1. Describe Proposed or Completed Operations (Ckarly state all perfinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*         8/30/01 – RUPU PU 4 5/8 bit, 6-3 ½ D.C's, 132 jis, Shut well in due to storm in area.         8/31/01 – Continue to TIH w/bit, scrapper, collars & bg, TOC @ 10,824' drill to 11,121, SDON         9/1/01 – TIH w/Bit, scrapper, collars & bg, TOC @ 10,824' drill to 11,121, SDON         9/1/01 – Drilled dut 690' of cement, press cs.g., held, pickle tbg w/500 gal of 15% with inhibitor, pumped & reversed.         9/601 – RU Baker Atlas, Ran CBL, from PBTD to 200' above top of cement, found TOC @ 4638', SDON         9/11/01 – Priforated Morrow 12,038' - 12,042' 1 SPF, 4 shots total, 11,966' – 74 3 SPF 24 shots total, 11,960' – 62 3 SPD 6 shots total, 11,953' = 57 3 SPF 12 shots total 11,948-51' 3 SPF 9 shots total, Total 60 SDON         9/11/01 – 9/14/01 Swabbed well SDON         9/11/01 – Netilease pkr, set @ 12,013.30, RU Swab, IFL@ 500', FFL 11,000' Swab dry SDON         9/21/01 – Well was dead, IFL @ 10,500' from surface, swab dry with 1 run, SD         9/22/01 – swab DN. Release pkr, moved up hole, set pkr @ 11,901', swab test middle morrow, SDON         9/22/01 – Swabbed, released pkr, moved up hole to 11,789' set pkr, SDON,         9/28/01 – Released pkr, POOH w/bg & pkr, TIH w/RBP set @ 12,000', acidized 11,834' – 11,974' move tool, acidize 11,670-674         14. I hereby certify that the foregoing is true and correct			
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8/31/01 - Continue to TIH w/bg, TAG DV tool, press test 2000%, drill out, POOH, SDON         9/1/01 - TIH w/Bit, scrapper, collars & tbg, TOC @ 10,824' drill to 11,121, SDON         9/1/01 - Drilled out 690' of cement, press csg, held, pickle tbg w/500 gal of 15% with inhibitor, pumped & reversed.         9/6/01 - RU Baker Atlas, Ran CBL, from PBTD to 200' above top of cement, fround TOC @ 4638', SDON         9/10/01 - Perforated Morrow 12,038' - 12, 042' 1 SPF, 4 shots total, 11,966' - 74 3 SPF 24 shots total, 11,960' - 62 3 SPD 6 shots total, 11,953' - 57 3 SPF 12 shots total 11,948-51' 3 SPF 9 shots total, Total 60 SDON         9/11/01 - 9/14/01 Swabbed well SDON         9/12/01 - Well was dead, IFL @ 10,500' from surface, swab dry with 1 run, SD         9/22/01 - Acidize well w/1500 gal of 7 ½% NeFe swabbed well down, SDON         9/21/01 - Well was dead, IFL @ 10,500' from surface, swab dry with 1 run, SD         9/22/01 - Acidize well w/500 gals of 7 ½% NeFe w/methanol & treated wtr.         9/22/01 - SwabbDN. Release pkr, moved up hole, set pkr @ 11,901', swab test middle morrow, SDON         9/26/01 - Swabbed, released pkr, moved up hole to 11,789' set pkr, SDON,         9/28/01 - Released pkr, POOH w/tbg & pkr, TIH w/RBP set @ 12,000', acidized 11,834' - 11,974' move tool, acidize 11,670-674         14. 1 hereby certify that the foregoing is true and correct         Signed       Karen A. Cottom         Title       Engineering Technician       Date         Imanary 2, 2002       Title       Date	8/30/01 - RUPU PU 4 5/8 bit, 6- 3 ½ D.C's, 1	32 jts, Shut wel in due to storm in area.	
9/4/01 – Drilled dn to 11,411', SDON, 9/5/01 – Drilled out 690' of cement, press csg, held, pickle tbg w/500 gal of 15% with inhibitor, pumped & reversed. 9/6/01 – RU Baker Atlas, Ran CBL, from PBTD to 200' above top of cement, found TOC @ 4638', SDON 9/10/01 – Perforated Morrow 12,038' – 12, 042' 1 SPF, 4 shots total, 11,966' – 74 3 SPF 24 shots total, 11,960' – 62 3 SPD 6 shots total, 11,953' – 57 3 SPF 12 shots total 11,948-51' 3 SPF 9 shots total, Total 60 SDON 9/11/01 – 9/14/01 Swabbed well SDON 9/21/01 – Release pkr, set @ 12,013.30, RU Swab, IFL@ 500', FFL 11,000' Swab dry SDON 9/21/01 – Release pkr, set @ 12,013.30, RU Swab, IFL@ 500', FFL 11,000' Swab dry SDON 9/22/01 – Acidize well w/1500 gal s of 7 ½% NeFe w/methanol & treated wtr. 9/24/01 – swab DN. Release pkr, moved up hole, set pkr @ 11,901', swab test middle morrow, SD 9/25/01 – Prepare to acidize perfs, 11,922' – 12,402' w/1000 gal 7 ½% acid w/treated wtr. 9/26/01 – Swabbed, released pkr, moved up hole to 11,789' set pkr, SDON, 9/28/01 – Released pkr, POOH w/tbg & pkr, TIH w/RBP set @ 12,000', acidized 11,834' – 11,974' move tool, acidize 11,670-674 14. 1 hereby certify that the foresoing is true and correct Signed Markow Marko	8/31/01 - Continue to TIH w/tbg, TAG DV to	ol, press test 2000#, drill out, POOH, SDON	
9/5/01 – Drilled out 690' of cement, press csg, held, pickle tbg w/500 gal of 15% with inhibitor, pumped & reversed. 9/6/01 – RU Baker Atlas, Ran CBL, from PBTD to 200' above top of cement, found TOC @ 4638', SDON 9/10/01 – Perforated Morrow 12,038' – 12, 042' 1 SPF, 4 shots total, 11,966' – 74 3 SPF 24 shots total, 11,960' – 62 3 SPD 6 shots total, 11,953' – 57 3 SPF 12 shots total 11,948-51' 3 SPF 9 shots total, Total 60 SDON 9/17/01 – Acidized well w/1500 gal of 7 ½% NeFe, swabbed well down, SDON 9/21/01 – Release pkr, set @ 12,013.30, RU Swab, IFL@ 500', FFL 11,000' Swab dry SDON 9/21/01 – Acidize well w/500 gals of 7 ½% NeFe wmethanol & treated wtr. 9/24/01 – swab DN. Release pkr, moved up hole, set pkr @ 11,901', swab test middle morrow, SD 9/25/01 – Prepare to acidize perfs, 11,922' – 12,402' w/1000 gal 7 ½% acid w/treated wtr. 9/26/01 – Swabbed, released pkr, moved up hole to 11,789' set pkr, SDON, 9/28/01 – Released pkr, POOH w/tbg & pkr, TIH w/RBP set @ 12,000', acidized 11,834' – 11,974' move tool, acidize 11,670-674 14. Thereby certify that the foregoing is true and correct Signed Mathematical of fice use) Approved by		OC @ 10,824' drill to 11,121, SDON	
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9/10/01 - Perforated Morrow 12,038' - 12, 042' 1 SPF, 4 shots total, 11,966' - 74 3 SPF 24 shots total, 11,960' - 62 3 SPD 6 shots total, 11,953' - 57 3 SPF 12 shots total 11,948-51' 3 SPF 9 shots total, Total 60 SDON 9/11/01 - 9/14/01 Swabbed well SDON 9/201/01 - Release pkr, set @ 12,013.30, RU Swab, IFL@ 500', FFL 11,000' Swab dry SDON 9/21/01 - Well was dead, IFL @ 10,500' from surface, swab dry with 1 run, SD 9/22/01 - Acidize well w/500 gals of 7 ½% NeFe w/methanol & treated wtr. 9/24/01 - Swab DN. Release pkr, moved up hole, set pkr @ 11,901', swab test middle morrow, SDON 9/25/01 - Prepare to acidize perfs, 11,922' - 12,402' w/1000 gal 7 ½% acid w/treated wtr. 9/26/01 - Swabbed, released pkr, moved up hole to 11,789' set pkr, SDON, 9/28/01 - Released pkr, POOH w/tbg & pkr, TIH w/RBP set @ 12,000', acidized 11,834' - 11,974' move tool, acidize 11,670-674 14. 1hereby certify that the foregoing is true and correct Karen A. Cottom Signed Mul Mul Title Engineering Technician Date January 2,2002 (This space for Federal or State office use) Approved by	9/5/01 - BH Baker Atlas Ran CBL, from PBT	D to 200' above top of cement, found TOC @ 4638',	SDON
11,953' - 57 3 SPF 12 shots total 11,948-51' 3 SPF 9 shots total, Total 60 SDON       ACCEPTED FOR RECORD         9/11/01 - 9/14/01 Swabbed well SDON       9/17/01 - Acidized well w/1500 gal of 7 ½% NeFe, swabbed well down, SDON       ACCEPTED FOR RECORD         9/21/01 - Release pkr, set @ 12,013.30, RU Swab, IFL@ 500', FFL 11,000' Swab dry SDON       ACCEPTED FOR RECORD         9/21/01 - Keldase pkr, set @ 12,013.30, RU Swab, IFL@ 500', FFL 11,000' Swab dry SDON       ACCEPTED FOR RECORD         9/21/01 - Acidize well w/500 gals of 7 ½% NeFe w/methanol & treated wtr.       SDON         9/22/01 - Acidize well w/500 gals of 7 ½% NeFe w/methanol & treated wtr.       SDON         9/22/01 - Swabbed, release pkr, moved up hole, set pkr @ 11,901', swab test middle morrow, SDON       SDON         9/25/01 - Prepare to acidize perfs, 11,922' - 12,402' w/1000 gal 7 ½% acid w/treated wtr.       SDON,         9/28/01 - Released pkr, moved up hole to 11,789' set pkr, SDON,       PETROLEUM ENGINEER         9/28/01 - Released pkr, POOH w/tbg & pkr, TIH w/RBP set @ 12,000', acidized 11,834' - 11,974' move tool, acidize 11,670-674         14. Thereby certify that the foregoing is true and correct       Karen A. Cottom         Signed       Max       Max         Approved by	9/10/01 - Perforated Morrow 12,038' - 12, 04	42' 1 SPF, 4 shots total, 11,966' – 74 3 SPF 24 shots t	total, 11,960' - 62 3 SPD 6 shots total,
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9/22/01 – Acidize well w/500 gals of 7 ½% NeFe w/methanol & treated wtr.       Image: model of the set pkr @ 11,901', swab test middle morrow, SDON       Image: model of the set pkr @ 11,901', swab test middle morrow, SDON         9/24/01 – swab DN. Release pkr, moved up hole, set pkr @ 11,901', swab test middle morrow, SDON       Image: model of the set pkr @ 11,901', swab test middle morrow, SDON         9/25/01 – Prepare to acidize perfs, 11,922' – 12,402' w/1000 gal 7 ½% acid w/treated wtr.       Image: model of the set pkr @ 12,000 gal 7 ½% acid w/treated wtr.         9/26/01 – Swabbed, released pkr, moved up hole to 11,789' set pkr, SDON,       Image: moved up hole to 11,789' set pkr, SDON,         9/28/01 – Released pkr, POOH w/tbg & pkr, TIH w/RBP set @ 12,000', acidized 11,834' – 11,974' move tool, acidize 11,670-674         14. Thereby certify that the foregoing is true and correct       Karen A. Cottom         Signed       Image: model of the set pkr @ 11,000', acidized 11,834' – 11,974' move tool, acidize 11,670-674         14. Thereby certify that the foregoing is true and correct       Karen A. Cottom         Signed       Image: model of the set pkr @ 11,000', acidized 11,834' - 11,974' move tool, acidize 11,670-674         14. Thereby certify that the foregoing is true and correct       Karen A. Cottom         Signed       Image: model of the set pkr @ 11,000', acidized 11,834' - 11,974' move tool, acidized 11,834', aci	9/201/01 - Kelease pkr, set  @ 12,013.30, KU	surface swab dry with 1 run. SD	JAN - 8 2002
9/24/01 - swab DN. Release pkr, moved up hole, set pkr @ 11,901', swab test middle morrow, SDON       ALEXIS C. SWOBODA         9/25/01 - Prepare to acidize perfs, 11,922' - 12,402' w/1000 gal 7 ½% acid w/treated wtr.       ALEXIS C. SWOBODA         9/26/01 - Swabbed, released pkr, moved up hole to 11,789' set pkr, SDON,       PETROLEUM ENGINEER         9/28/01 - Released pkr, POOH w/tbg & pkr, TIH w/RBP set @ 12,000', acidized 11,834' - 11,974' move tool, acidize 11,670-674         14. 1 hereby certify that the foregoing is true and correct         Signed       Karen A. Cottom         Title       Engineering Technician       Date         January 2, 2002         (This space for Federal or State office use)       Title       Date         Approved by       Conditions of approval, if any:       Title       Date	9/22/01 -  Acidize well w/500 gals of 7 $%$ No	EFe w/methanol & treated wtr.	
9/25/01 - Prepare to acidize perfs, 11,922' - 12,402' w/1000 gal 7 ½% acid w/treated wtr.       PETROLEUM ENGINEER         9/26/01 - Swabbed, released pkr, moved up hole to 11,789' set pkr, SDON,       9/28/01 - Released pkr, POOH w/tbg & pkr, TIH w/RBP set @ 12,000', acidized 11,834' - 11,974' move tool, acidize 11,670-674         14. 1 hereby certify that the foregoing is true and correct       Karen A. Cottom         Signed       July       Date       January 2, 2002         (This space for Federal or State office use)       Title       Engineering Technician       Date       January 2, 2002         Approved by	9/24/01 - swab DN. Release pkr, moved up ho	ole, set pkr @ 11,901', swab test middle morrow, SDO	N ALEXIS C SWOBODA
9/28/01 - Released pkr, POOH w/tbg & pkr, TIH w/RBP set @ 12,000', acidized 11,834' - 11,974' move tool, acidize 11,670-674  14. Thereby certify that the foregoing is true and correct  Signed	9/25/01 - Prepare to acidize perfs, 11,922' - 1	2,402' w/1000 gal 7 1/2% acid w/treated wtr.	
14. 1 hereby certify that the foregoing is true and correct       Karen A. Cottom         Signed       Multiple Marce         Multiple Marce       Title         Engineering Technician       Date         January 2, 2002         (This space for Federal or State office use)         Approved by	9/26/01 - Swabbed, released pkr, moved up ho	ble to 11,789' set pkr, SDON,	2 moust tool acidize 11 670 674
Signed       Mun       Karen A. Cottom         Title       Engineering Technician       Date       January 2, 2002         (This space for Federal or State office use)       Title       Engineering Technician       Date         Approved by	9/28/01 – Released pkr, POOH w/tbg & pkr, 1	IH W/RBP set @ 12,000 , acidized 11,834 – 11,974	
Signed     Mun     Offen     Date     January 2, 2002       (This space for Federal or State office use)     Title     Date	14. I hereby certify that the foregoing is true and correct		
Signed	the Maltan	Karen A. Cottom	
(This space for Federal or State office use)         Approved by         Conditions of approval, if any:	Signed / Will WT/W/	Title Engineering Technician	Date January 2, 2002
Conditions of approval, if any:			
Conditions of approval, if any:		Title	Date
	Approved by Conditions of approval, if any:	Huc	
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representation			
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9/28/01 - Set pkr @ 11,768", acidized M. Morrow w/2250 gal of 7 1/2% HCL + 30% methanol, , released & set plug set @ 11,790', set pkr @ 11,710',

9/29/01 - Release & set pkr @ 11,609', acidized 2/750 gal of 7 1/2% acid + 30% methanol, SD till Monday.

10/1/01 – Released pkr, TIH latch on to plug @ 11,790', jumped up hole 1' & set, attempted to release and no luck, plug turns freely no torque, worked RBP for 5 hrs, Discussed situation with Weatherford Engineer, there is possibility plug is differentially stuck, SDON

10/2/01 - Attempted to released RBP, no luck, SDON

10/3/01 – Move in Weatherford fishing equipment.

10/5/01 – Started jarring with 50K pull, max pull 77K, set jars off 25 times, jarred RBP loose, POOH w/tbg & lay RBP DN. SD till Monday.

10/8/01 - TIH w/BTM assembly, R&F nipple, Pkr & tbg, IFL @ 200', FFL @ 3500' SDON

10/9/01 - FTP-0, IFL @800' from surface, FFL @ 10,200', swab dry, SDON

10/10/01 - RU Schlumberger wireline, soft set 72 hr pressure bombs in O/O tool, will run 72 hr build up, will pull Monday Morning

10/15/01 – Pulled pressure bombs out, made gradient stops on way out. Preparing ESP-PC artificial lift design.

11/14/01 - Well has been shut in since 10/15/01, Preparing to Frac well.

11/19/01 - Binary fracture treatment on 11,670' - 12,042, 36' total perforated interval, 70 perforations,

Frac'd with 43,000 gal Binary Foam and 50,000# 20/40 Ceramax 1 SD,

11/20/01 – Swabbed, released & POOH laying 3 1/2 tbg down & pkr.

11/26/01 - TIH w/Notch collar, 2 3/8" SN & tbg, Tag fill @ 12,038' w/376 jts, lay dn 10 jts, SN @ 11,738'

w/366 jts. ND BOP, NU Tree RU Swab, SDON

11/27/01 - Gas Blow during & after swab runs, SDON

11/28/01 - Shut down due to weather.

11/29/01 - Swab test, SDON

12/5/01 - Waiting on Centrilift ESP equipment

12/19/01 - PU Submersible assembly, motor, seals, intake & pumps, SD due to wind

12/20/01 - Start sub pump, gang finished laying gas line & hooked up wtr line, pumping all wtr, vent 50-

100 mcft, Conoco had meter set on Loc, First day of gas sales 12/22/01

12/21/01 – Well open production @6:00, only allowed to flow 50 mcfd to Conoco, they had a compressor go down. We are looking at a couple of weeks before we can increase gas sales,

12/29/01 – Centrilift service hand suggested leave sub down, or there is possiblity of burning something up. Will leave down till further notice.