|  | DEPARTMENT OF THE INTERIOR OF BUREAU OF LAND MANAGEMENTS 2001  ELL COMPLETION OR RECOMPLETION REPORT AND LOG  |                 |               |               |                |              |               |  |                          | Expires: November 30, 2000  5. Lease Serial No. |   |  |                  |         |  |
|--|---|-----------------|---------------|---------------|----------------|--------------|---------------|--|--------------------------|---|---|--|------------------|---------|--|
| 1,   | ELL C   | OMPL            | ETIOI         | V OF          | REG            | COMPLE       | ETION F       | REPOR  | T AND                    | _OG   |   |  | MSF - 07         |         |  |
| 7  | Oil Well  Gas Well Dry Other  Other  Oil Page  Oil Page |                 |               |               |                |              |               |  |                          |   | 6. If Indian, Allottee or Tribe Name      |  |                  |         |  |
|  | Other Deepen Deepen Plug Back Diff. Resyr.  |                 |               |               |                |              |               |  |                          | 7. Unit or CA Agreement Name and No.            |   |  |                  |         |  |
|  | ator Contact: MARY CORLEY ODUCTION COMPANY E-Mail: corleymicate company   |                 |               |               |                |              |               |  |                          |   | Lease Name and Well No.     FIELDS COM 4E |  |                  |         |  |
| -  | O. BOX 3092 3a. Phone No. (include area code)   |                 |               |               |                |              |               |  |                          |   | 9. API Well No.<br>30-045-25197           |  |                  |         |  |
| Vell (Report location clearly and in accordance with Federal requirements)*                                      |   |                 |               |               |                |              |               |  | 0.0700                   | 10. Field and Pool, or Exploratory              |   |  |                  |         |  |
|  | NENW Lot C 850FNL 1540FWL .nterval reported below   |                 |               |               |                |              |               |  |                          |   |   | BLANCO MESAVERDE  11. Sec., T., R., M., or Block and Surve   |                  |         |  |
|  |   |                 |               |               |                |              |               |  |                          |   |   | or Arca Sec 28 T32N R11W Mer  12. County or Parish 13. State |                  |         |  |
|  | d 15. Date T.D. Reached 16. Date Completed  |                 |               |               |                |              |               |  |                          |   |   | SAN JUAN NM  17. Elevations (DF, KB, RT, GL)* 6371 GL        |                  |         |  |
|  | 11-9  | -82             |               | 04/2          | 24/198         | 2            |               | □ 11<br>0€                                       | & A □                    | ted Ready to Pr                                 | rod.                                      |  | 6                | 371 GL  |  |
|  |   | MD<br>TVD       |               | 790           |                | 19. Plug B   | ack T.D.:     | MD<br>TV   | 11                       | 17  | 20. Dej                                   | epth Bridge Plug Set: MD TVD                                 |                  |         |  |
|  | ic & Othe   |                 | nical Lo      | gs Ru         | n (Subi        | nit copy of  | cach)         |  |                          | 22. Was v                                       | vell core                                 | d?   | ⊠ No<br>⊠ No     | ☐ Ye    | s (Submit analys<br>s (Submit analys   |
| Directional  oner Record (Report all strings set in well)  |   |                 |               |               |                |              |               |  | ional Su                 | rvey?   | ⊠ No                                      | <u> </u>   | s (Submit analys |         |  |
|  |   | T               |               | rings s<br>To |                | Bottom       | Stage (       | 'ementer   | No. 0                    | f Sks. &  | Slurry                                    | Vol.   | Casing           | Ton*    | Amount Pul   |
|  | ≠e. Grade   |                 | π/ft.)        | <u>(M</u>     |                | (MD)         |               | pth  | Type c                   | f Cement<br>285                                 | (BF                                       | BL)  | Casing           | , 10p   | Amountru   |
| 9.625 36.00<br>7.000 23.00   |   |                 | 3.000         |               |                | 331<br>5255  |               |  | 750                      |   |   |  |                  |         |  |
|  | 4.500 11.00   |                 | 1.000         |               | 5093           | <b>7</b> 790 | <b>_</b>      |  |                          | 290   |   |  |                  |         |  |
|  |   | -               |               |               |                |              |               |  |                          |   |   |  |                  |         |  |
|  |   |                 |               |               |                |              |               | ····   |                          | -   | l   |  | l                |         |  |
|  | th Set (MD) Packer De   |                 |               |               | epth (MD) Size |              | e Depth Set ( |  | Packer Depth (MD         |   | Size                                      |  | Depth Set (MD)   |         | Packer Depth (   |
| 5675   |   |                 |               |               |                | ,.           | 26. Pci       | ·foration l                                      | Record                   |   |   | <u> </u>   | <u>.</u>         |         | · · · · · ·  |
| Jon  |   |                 |               | Тор           |                | Bottom       |               | <del>                                     </del> |                          | ted Interval                                    |   |  | No. Holes        |         | Perf. Status   |
| ESAVERDE   |   |                 | <u> </u>      | 4614          | <b>5</b> 69    | 0            |               | 4614   | TO 5690                  |   | $\dashv$                                  | 1  | 21               |         |  |
|  |   |                 |               |               |                |              |               |  |                          |   |   |  |                  |         |  |
| re, Treatment, Cement Squeeze, Etc.  |   |                 |               |               |                |              |               |  |                          |   |   |  |                  |         |  |
| 6 Interval         Amount and Type of Material           4614 TO 4993         80.000 LBS OF 16/30 ARIZONA SAND 8 |   |                 |               |               |                |              |               |  |                          | 70%   | -OAM                                      |  |                  |         |  |
| 5074 TO 5246 80,000 LBS OF 16/30 ARIZONA SAND 8  |   |                 |               |               |                |              |               |  | AND &                    | 70%_F0  | OAM(2)                                    |  |                  |         |  |
| 5316 TO 5690 80,000 LBS OF 16/30 ARIZONA SAND & 70% FOAM(3)  |   |                 |               |               |                |              |               |  |                          |   |   |  |                  |         |  |
|  | Interval  | Λ               | !_            |               |                |              |               |  |                          |   |   | 1  |                  |         |  |
|  |   | Hours<br>Tested | Test<br>Produ | ction         | Oil<br>BBL     | Gas<br>MCF   | Wate<br>BBL   |  | Oil Gravity<br>Corr. API | Gas<br>Gravit                                   | у   | Produc   | tion Method      |         | ROM WELL   |
| (  | 5°30/2001<br>rhess.   | 12<br>Csg.      | 24 Hi         | <u> </u>      | Oil            | Gas          | Wate          |  | C.(s(Oi)                 | Well S  | Status                                    | <u> </u>   | f-L              | .511511 | ,0,111 11222   |
|  |   | Press<br>210.0  | Rate          |               | BBI.           | MCF          | BBL           |  | Catio                    |   | PGW                                       |  |                  |         |  |
|  | Intervi   | Hours           | Test          |               | loii           | Gas          | Wate          | er I   | onl Gravity              | Gas   |   | Produc   | ction Method     | 1       | e distancia e ser com estado e |
|  |   | Tested          | Produ         | iction        | BBL            | MCF          | вві           |  | Corr. API                | Gravi   | ty  |  |                  | 1       |  |
|  | Press.  | Csg.<br>Press.  | 24 H<br>Rate  |               | Oil<br>BBL     | Gas<br>MCF   | Wat<br>BBI    |  | Gas:Oil<br>Ratio         | Well  | Status                                    | •  |                  |         | AUG 1 0  |

| Csg. 24 Hr. Press. Rate BBL MCF BBL Ratio  Hours Tested Production BBL MCF BBL Gas BBL Gravity  Csg. 24 Hr. Press. Rate BBL MCF BBL Gravity  Gas Gravity  Csg. 24 Hr. Oil Gas BBL MCF BBL Gravity  Gravity  Gas Gravity  Freduction Method  Freduction Method  Gravity  Freduction Method  Freduction Method  Freduction Method  Gravity  Freduction Method  Freduction Method  Freduction Method  Gravity  Freduction Method  F |                   | Hours                   | Test<br>Production  | Oil<br>BBL                             | Gas<br>MCF                |   | fil Gravity<br>forr, API                                       | Gas<br>Gravity                      |   | n Method   |   |
|--|-------------------|-------------------------|---|--|---------------------------|---|--|-------------------------------------|---|--|---|
| Section   Sect   |                   | Tested                  |   | BOL                                    | wier                      |   |  |                                     |   |  |   |
| Test      |                   |                         |   |  |                           |   |  | Well St                             | atus  |  |   |
| Teach   Total   Data   Oat   Data   Oat   Data   Oat   Data   Oat   Data   Oat   O   | Taxi              | al D                    |   | l                                      |                           |   |  |                                     |   |  |   |
| Top Bottom Descriptions, Contents, etc.  Top Bottom Descriptions, Contents, etc.  SAN JOSE ONE ALAMO BIT HEAD SERVICE CONTENTS AND A SERVICE CONTENTS (include plugging procedure):  and the service of the service contents thereof. Corol intervals and all drill-sem pressures.  Top Bottom Descriptions, Contents, etc.  SAN JOSE ONE ALAMO BIT HEAD SERVICE CONTENTS AND A SERVICE CONTENTS AND A SERVICE CONTENTS (include plugging procedure):  and the service of the service contents and all drill-sem pressures.  SAN JOSE ONE ALAMO BIT HEAD SERVICE CONTENTS AND A SERVICE CONTEN |                   | Hours                   |   |  |                           |   |  |                                     |   | n Method   |   |
| And the process of prossity and contents thereof: Cored intervals and all drill-stems  | ·41 .             |                         |   |  |                           |   |  | Well St                             | atus  |  |   |
| Top Bottom Descriptions, Contents, etc.  Top Bottom Descriptions, Contents, etc.  Name Tr. Meas.  SAN JOSE OJO ALAMO 81 KIRTLAND 10 FRUITLAND 10 FRU | oftens            | (Sold, used             | for fuel, ven   | ted, etc.)                             | <u>.l.,</u> .             | 1   |  |                                     |   |  |   |
| Top Bottom Descriptions Contents, etc.    Top Bottom Descriptions Contents, etc.   Name   To   Meas.   | [2,]              | S Zones (In-            | iclude Aquifo   | ers):                                  |                           |   |  |                                     | 31. Formation   | (Log) Markers                                    |   |
| Top Bottom Descriptions Contains, etc. Name Meas.    A614   5690   | us pud<br>ustatoj | zones of po             | orosity and c<br>tested, cushi  | contents ther<br>on used, tim          | reof: Core<br>ic tool ope | d intervals and all<br>en, flowing and sl                           | drill-stem<br>an-in pressures                                  | 3                                   |   |  |   |
| And the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Interest of the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Interest of the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Interest of the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Interest of the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Interest of the foregoing and attached information. Committed to AFMSS for processing by Lucy Bee on 07/16/2001 ()  Interest of the foregoing and attached information. Committed to AFMSS for processing by Lucy Bee on 07/16/2001 ()  Interest of the foregoing and attached information. Committed to AFMSS for processing by Lucy Bee on 07/16/2001 ()  Interest of the foregoing and attached information. Committed to AFMSS for processing by Lucy Bee on 07/16/2001 ()  Interest of the foregoing and attached information. Committed to AFMSS for processing by Lucy Bee on 07/16/2001 ()  Interest of the foregoing and attached information. Committed to AFMSS for processing by Lucy Bee on 07/16/2001 ()  Interest of the foregoing and attached information. Committed to AFMSS for processing by Lucy Bee on 07/16/2001 ()  Interest of the foregoing and attached information attached information. Committed to AFMSS for processing by Lucy Bee on 07/16/2001 ()  Interest of the foregoing and attached information attached information attached information. Committed to AFMSS for processing by Lucy Bee on 07/16/2001 ()  Interest of the foregoing and attached information attached information attached information. Committed to AFMSS for processing by Lucy Bee on 07/16/2001 ()  Interest of the foregoing and attached information attached | r                 |                         | Тор   | Bottom                                 |                           | Descriptions  | . Contents, etc  |                                     |   | Name   |   |
| ad back from the Dakota to the Mesaverde. Please see attached for daily twork activity.  2. Geologic Report 3. DST Report 4. Directional Survair for plugging and ecment verification 6. Core Analysis 7. Other:  3. DST Report 4. Directional Survair for plugging and attached information is complete and correct as determined from all available records (see attached instructions):  5. Electronic Submission #5563 Verified by the BLM Well Information System for AMOCO PRODUCTION COMPANY.  Sent to the Farmington. Committed to AFMSS for processing by Lucy Bee on 07/16/2001 ()  Title AUTHORIZED REPRESENTATIVE  | r.                |                         | 4614  | 5690                                   |                           |   |  |                                     | OJO ALAI<br>KIRTLANI<br>FRUITLAI<br>PICTURE<br>LEWIS<br>CLIFF HC<br>MENEFEI<br>POINT LC<br>MANCOS<br>GALLUP<br>GRANER | MO<br>O<br>ND<br>D CLIFFS<br>JUSE<br>E<br>DOKOUT | 810<br>25<br>30<br>30<br>47<br>49<br>53<br>55<br>61<br>74<br>75 |
| Title AUTHORIZED REPRESENTATIVE  1. Date 07/10/2001  |                   |                         | plugging pro  | cedure):                               |                           |   |  |                                     |   |  |   |
| Electronic Submission #5563 Verified by the BLM Well Information System for AMOCO PRODUCTION COMPANY.  Sent to the Farmington. Committed to AFMSS for processing by Lucy Bee on 07/16/2001 ()  Title AUTHORIZED REPRESENTATIVE  Date 07/10/2001  | ed ba<br>Eyvorl   | ck from the k activity. | e Dakota to   |  | rerde. Pl                 |   |  | 3                                   | DST Report  | 4. [   | Directional Surv  |
| MARY CORLEY  Title AUTHORIZED REPRESENTATIVE  Date 07/10/2001  | ed ba<br>Evvori   | ck from the k activity. | e Dakota to   | req'd.)                                |                           | 2. Geologie ł   | Report   |                                     | •   | 4. [   | Directional Surv  |
|  | ed ba             | ck from the k activity. | e Dakota to  gs (I full set and cemer   | req'd.)  at verification  ached inform | nation is c               | Geologic I     G. Core Anal     complete and corr     BLM Well Info | Report vsis ect as determin                                    | 7 ned from all                      | Other:  | ds (see attached in                              | nstructions):   |
|  | ed ba<br>t word   | ck from the k activity. | gs (I full set<br>ng and cemer<br>going and attr<br>submission #<br>Sent to the | req'd.)  at verification  ached inform | nation is c               | Geologic I     G. Core Anal     complete and corr     BLM Well Info | Report Sis ect as determine that ion Syste To processing       | 7 ned from all m for AMC ng by Lucy | Other: available record OCO PRODUC Bee on 07/16/20  | ds (see attached in<br>TION COMPAI<br>001 ()     | nstructions):   |
|  | ed ba<br>t word   | ck from the k activity. | gs (I full set<br>ng and cemer<br>going and attr<br>submission #<br>Sent to the | req'd.)  at verification  ached inform | nation is c               | Geologic I     G. Core Anal     complete and corr     BLM Well Info | Report vsis ect as determir mation Syste for processin Title p | 7 med from all m for AMC g by Lucy  | Other: available record OCO PRODUC Bee on 07/16/20  | ds (see attached in<br>TION COMPAI<br>001 ()     | nstructions):   |

## FIELDS COM 4E RECOMPLETION SUBSEQUENT REPORT 06/27/2001

- 17/2001 MIRUSU @ 07:30 hrs. NDWH & NU BOP's. SDFN.
- 18/2001 TOH W/TBG. TIH & set a CIBP @ 7510'. RU & set CMT plug from 7510' to 7410'. A set CMT plug across the Gallup from 6617' to 6517'. TOH RU & ran TDT, CBL log. TIH a set CIBP @ 5850'. Load hole w/2% KcL water. Pressure Test CSG to 2500#. Held Ok. TofN.
- 35/21/2001 RU & Perf 1st stage as follows W/ 340 inch diameter, total holes 42:
  - 2 JSPF 5316', 5323'
  - 1 JSPF 5360', 5372', 5375', 5381', 5392', 5400', 5405', 5412', 5420', 5448', 5454', 5446', 5474', 5477', 5494', 5500'
  - 2 JSPF 5514', 5535', 5544', 5555', 5595' 5622', 5628', 5634', 5655', 5671', 5690'
  - $^{2}$ 22/2001 RU & Frac w/80,000# of 16/30 Arizona Sand & 70% Foam. RU & TIH w/CIBP  $_{2}$ 1 @ 5265′. RU & Perf  $_{2}$ 1 stage as follows W/ .340 inch diameter, total 34 holes:
  - 2 JSPF 5074', 5081', 5088', 5104', 5140', 5145', 5148', 5153', 5170', 5176', 5181', 5186', 5194', 5213', 5219', 5240', 5246'
- & Frac w/80,000# of 16/30 Arizona Sand & 70% Foam. RU, TIH & set CIBP @ 5010'. RU & Perf 3<sup>rd</sup> stage as follows W/.340 inch diameter, total 45 holes:
  - 2 JSPF 4614', 4620', 4630', 4650', 4664', 4682', 4712', 4726', 4734',
    - 4760', 4770', 4820', 4829',
  - 1 JSPF 4850', 4857', 4860', 4868', 4887', 4899', 4908', 4914', 4922', 4928', 4936', 4943', 4951', 4957', 4967', 4971', 4985', 4990', 4993'
- % & Frac w/80,000# of 16/30 Arizona Sand & 70% Foam. RU Flow back tree & flowed thru  $\frac{1}{4}$ " choke all night.
- 23/2001 Flowed well to pit thru  $\frac{1}{4}$ " choke. @ 9:00 hrs upsized to  $\frac{1}{2}$ " choke. @ 13:00 hrs upsized to  $\frac{3}{4}$ " choke.
- 05/24/2001 Flowed back well thru ¾" choke making sand & WTR. SIFN.
- の形で25/2001 TIH to top of CIBP set @ 5010' DO CIBP. TOH & flowed back well thru 孝"
- 29/2001 TIH to top of CIBP set @ 5265'. DO CIBP & circ hole clean. PU to TOL & flow ...k well.
- 30/2001 TIH & tag fill @ 5583'. Circ hole clean new PBTD, TIH. RU & flow test well tru & choke for 12 hrs. 565 MCF gas, Trace WTR, Trace oil.
- 05/31/2001 TIH W/prod TBG & land @ 5675'. ND BOP's & NUWH. Pull TBG plug.
- 25/01/2001 RDMOSU. Rig Release @ 08:00 hrs.