Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico Energy, Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

| | Form C-105 |
|---------|----------------|
| Revised | March 25, 1999 |

| | Revised March 25, 1999 |
|--------------------------|------------------------|
| WELL API NO. | |
| 30-04 | 45-31077 |
| 5. Indicate Type of Leas | se |
| STATE X | FEE 🗌 |
| State Oil & Gas Lease N | |
| E-3148-10 & VA-2251 | 0 & E-9707 |
| | |

Title DRILLING MANAGER Date 03/05/2003

| District IV 1220 S. St. Francis D | r., Santa Fe, NM | 1 87505 | | | | | | Ī | State Oil & | Gas Lease | | |
|---|---|-------------|---------------------------|-----------------------------|--|---|------------------------|-------------------|---|--|--------------|---------------------------------------|
| | | | OR RECO | OMPL | ETION REPOR | RT AND | LOG | | E-3148-1 | 0 & VA-22 | 2510 & E- | 9707 |
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG 1a. Type of Well: OIL WELL GAS WELL DRY OTHER | | | | | 7. Lease Name or Unit Agreement Name | | | | | | | |
| OIL WE | LL GA | S WELL | . 🛛 DRY | | OTHER | | | _ | | _ | | |
| | ORK I | DEEPEN | PLUC BAC | | DIFF. RESVR. OXA | ER 121 | 3 14 15 76 | | | BLACK | HILLS- | STATE 16 |
| 2. Name of Operate | | MA OIL | & GAS COI | RPORA | TION (3) | MAF | 200 3 | 2 | Well No. | 1 | | |
| 3. Address of Oper | | | | | | | | | 9 Pool name or | Wildcat | | |
| | 5400 LBJ | FREEW | AY, SUITE 5 | 00, DA | LLAS, TEXAS 75240 | J | I.S. Day | • 5 | | FRUITLAN | D COAL | (71629) |
| 4. Well Location | *************************************** | | | | 4:0 | 1 | 1 . r¥ | 750 | 7 | | | |
| Unit Letter | <u>P:</u> | 772' | Feet From TI | ne | SOUTH | Sine and | 100 58 56 | | Feet Fro | m The | EAST | Line |
| Section | 16 | | | 26N | Range | 13W | NMI | | | County S | SAN JUA | N |
| 10. Date Spudded 12-11-2002 | 11. Date T.1 12-15 | | ned 12. 1 | Date Co | mpl. (Ready to Prod.) 3-04-2003 | 13. | Elevations 6180' GR | (DF& 8, 618 | RKB, RT, GR, | | | Casinghead 6180' |
| 15. Total Depth 1457' RKB | | | | | | Rotary Tools 0' TO 1457' F | KB | Cable Tools NONE | | | | |
| 19. Producing Inter | val(s), of this 50' TO 132 | complet | ion - Top, Bo FRUITLAN | ttom, N D COA | ame L | | <u> </u> | | 20 |). Was Dire NO | ctional Su | rvey Made |
| 21. Type Electric at HR INDUCTION I | nd Other Logs | Run | NSITY DITAI | SPAC | ED NEUTRON, MICF | 201.06 | 77 116 | | 22. Was Well | | | · · · · · · · · · · · · · · · · · · · |
| | | | | | | | | | | v | 10 | |
| 23. CASING SIZE | 2 1 | VEICUT | CASI | NG R | ECORD (Report | | | ell) | | | | |
| 7.00" | - V | 20, J | LB./FT. | 15 | DEPTH SET | | LE SIZE 8 ¾" | | CEMENTING RECORD AMOUNT PULLED 70 SKS, 82.6 CF NONE | | | |
| 4.50" | | 10.5, | | 1454' | | | 6 ¼" | | 175 SKS, 8 | | NONE NONE | |
| | | · | | | | | | | 173 BRB, 292 CF NONE | | | |
| | | | | | | | | | | | | |
| 24 | | | | <u> </u> | | | | | | | | |
| SIZE | ТОР | | DOTTOM | <u>LIN</u> | IER RECORD | r <u>: </u> | | 25. | | JBING RE | | |
| OLEL | TOF | | BOTTOM S | | SACKS CEMENT | SCREEN | | SIZI | | DEPTH SI | ET | PACKER SET |
| | | | | | | ļ | | 2. | 3/8" | 1269' | | NONE |
| 26. Perforation re | cord (interval | , size, an | id number) | | L., | 27 ACI | D SHOT | EDA | CTURE, CEN | AENIT COL | LIEGE | P.M.C. |
| 1250' TO 12 | 54', 4' X 8 : | SPF = 3 | 2 HOLES, 0 | .38" EF | ID EACH | DEPTH I | NTERVAL | 110 | AMOUNT AN | D KIND M | OEEZE, | LISED. |
| 1280' TO 12 1310' TO 13 | 96', 16' X 8 17' - 7' X 4 SI | SPF = 28 | 128 HOLES, | 0.38" EL | EHD EACH | 1250' – | | | 1500 g. 10% | Formic | Acid Fr | ac with 63,629 gal |
| 1319' TO 13 | 21', 2' X 4 S | PF = 8 | HOLES, 0.3 | 8" EHI | D EACH | | | | AmMax1020 V | V/ 133,260 I | lbs 20/40 | &44,000 lbs Super LC |
| | | | | | | | | | 20/40 Proppar | | | |
| Date First Production | | | | | PRO | DUCTI | ON | | | ······································ | | |
| WAITING ON GAS | | Pro | oduction Met | hod <i>(Fla</i> X 1 1/4" | owing, gas lift, pumpin INSERT PUMP | g - Size an | d type pump | p) | Well Status (I PUMPING L | | | |
| Date of Test 03-03-2003 | Hours Tester | đ | Choke Size | | Prod'n For | Oil - Bbl | | Gas | - MCF | Water - Bb | ol. | Gas - Oil Ratio |
| Flow Tubing | 8 Casing Press | sure | NONE Calculated | 24- | Test Period Oil - Bbl. | Gas - | MCF | 1 1 | Vater - Bbl. | 25 | | NA |
| Press. NA | ess. Hour Rate 0 1 3 1 | | | | 1 | 75 | On G | ravity - Ai NA | PI - (Corr.) | | | |
| | | | | | | - | | | | | | |
| 29. Disposition of C | ias (Sold, used | d for fue | l, vented, etc., | FUE | L AND EXCESS VEN | TED. | | | 1 | est Witness | | |
| 30. List Attachment | S | | | | | | | | | | SALZMA | ·N |
| | NONECI | ERTIFIE | D DEVIATIO | ON REP | ORT AND SET OF O | PEN HOL | E LOGS SU | JBMI' | TTED ON JANI | JARY 13. 2 | 003 | |
| 31 .I hereby certif | y that the inj | formatio | on shown on | both s | ides of this form as i | rue and c | omplete to | the t | best of my kno | vledge and | belief | |

Printed Name

TOM SPRINKLE

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depth shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

T. Oio Alamo

T.Kirtland-Fruitland 1000'
T. Pictured Cliffs 1330'

T. Cliff House

T. Menefee
T. Point Lookout

Northwestern New Mexico

T. Penn. "B"

T. Penn. "C"

T. Penn. "D"

T. Leadville

T. Madison

T. Elbert

Southeastern New Mexico

T. Salt_____

T. Queen

B. Salt
T. Yates
T. 7 Rivers

T. Canyon

T. Strawn

T. Atoka

T. Miss _____

T. Devonian

T. Silurian

| T. Grayburg | | | T. Montoya | T | . Mancos | | | T. McCracken | | | | |
|-----------------------------|-----------------|---------|---|----------------|-------------------|----------|---|--------------------|--|--|--|--|
| T. San Andres | | | T. Simpson | T. Gallup | | | | T. Ignacio Otzte | | | | |
| T. Glorieta | | | T. McKee | Base Greenhorn | | | | T. Granite | | | | |
| T. Paddock T. Ellenburger | | | T. Ellenburger | T | . Dakota | | | T . | | | | |
| T. Blinebry T. Gr. Wash | | | Т | . Morrisc | n | | TT | | | | | |
| T.TubbT. Delaware Sand | | | | | .Todilto | | | T T | | | | |
| T. Drinkard T. Bone Springs | | | | | Entrada | 1 | | T | | | | |
| T. Abo T. | | | | | Wingate | · e. | | T | | | | |
| T Walf | T Wolfcamp T Ch | | | | | | 1. ** inguto 1 | | | | | |
| T Penn | | | T | r | Permia | n | | T | | | | |
| T Cieco | (Rough | <u></u> | т | т | Denn " | \ '' | | T | | | | |
| 1, Cisco | (Dough | C) | | | CIIII F | ` | ···· | T. OIL OR GAS SAND | | | | |
| | | | | | | | | OR ZONES | | | | |
| No. 1 6 | | 1250, | to 1231? | , | NT. 2 fm. | | | | | | | |
| 190. 1, 11 | OIII | 1230 | to1321' | 1 | NO. 3, 110 | om | • | | | | | |
| No. 2, II | om | | to | ! | No. 4, fr | om | • | to | | | | |
| | _ | _ | IMPORTANT | | | | | | | | | |
| | | | ter inflow and elevation to which water | | | | | | | | | |
| No. 1, fi | om | | to | | • • • • • • • • • | | feet | | | | | |
| | | | to | | | | | | | | | |
| | | | to | | | | | | | | | |
| 1 101 5, 11 | 0111111111 | | | | | | | | | | | |
| | | | LITHOLOGY RECOR | ט | (Attach a | dditiona | l sheet if nec | cessary) | | | | |
| | | Thickne | |] | | | Thickness | | | | | |
| From | То | SS | Lithology | l | From | То | In Feet | Lithology | | | | |
| | | In Feet | | | | | III I CCI | | | | | |
| 750' | 1250' | 500' | Mudstone grey-green, shaly | | | | | | | | | |
| | | | | | | | | | | | | |
| 1250' | 1330' | 80' | Sandstone, mudstone, coal, black | | | | | | | | | |
| | | | Cleated, vitreous, moderate, desorbed | | | | | | | | | |
| | ł | | | | | | | | | | | |
| 1330' | 1457' | 127' | Claystone, siltstone, sandstone | | | | | | | | | |
| | | | Light grey | | | | | | | | | |
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