| Form | 3160-4 |
|--------|---------|
| Octobe | r 1990) |

| orm 3160-4 | | | | | | | s | UBMIT I | N DUPLICATE | | FOR AP | PROVED | | |
|------------------------|-------------------|---------------------------|-----------------|---------------------|---------------------------------------|------------------------|-------------------------|------------------|--------------------------------|---|---|-------------------------|--|--|
| october 1990) | • | - | | UNITED | STATES | | REPEIN | FD | (See other In- | | OMB NO. | 1004-0137 | | |
| | | | DEPA | RTMENT C | F THE INT | FRIC | OR DIM | | structions on reverse side) | | Expires: Deci | ember 31, 1991 | | |
| | | | | | | | | | <u> </u> | 5. LEA | SE DESIGNATION | AND SERIAL NO. | | |
| | | | BU | REAU OF LAN | ID MANAGE | MENI | _ | ^ | . 07 | | NM-01366 | | | |
| MELL CO | SMOLE | TION | I OD D | ECOMPL | ETION D | E D | DE AND | In | - | 6. IF IN | IDIAN, ALLOTTEE | OR TRIBE NAME | | |
| MELL CO | JIVIPLE | HUN | | ECOMPL | EHONK | | | | 3 | | | | | |
| 1a. TYPE OF V | VELL: | | WELL | WELL X | DRY C | Other | J FARILLING | 22.CV | i NM | سد 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | TAGREEMENT N | A 145 | | |
| | | | | _ | | -070 |) FATINITY | JI VI | ', '''' | | Huerfano Unit | AME | | |
| b. TYPE OF C | _ | _ | | _ ~ <u>_</u> | DIFF. | | | | } | | M OR LEASE NA | ME. WELL NO. | | |
| | | OVER | DEEP- EN | PLUG BACK | RESVR | Other | | | İ | | | | | |
| | _ | | | | | | | | A 27 1 | | Huerfano Unit | #12R | | |
| 2. NAME OF | OPERATOR | | | | | | - 1 | | WELLY | | WELL NO. | | | |
| | | | | L & GAS COM | IPANY | <u>~</u> | JE (6.7 | 1 | M 2000 13 | | 30- 045-29891 ELD AND POOL, C | DR WILDCAT | | |
| 3. ADDRESS | | | | | ev 000 070 | , l' | DIE | Savan. | ango H | | West Kutz Pic | | | |
| PO | BOX 4289. | , Farmin | ngton, NM | 87499 (50 | 5) 326-970 | 10 0 | 1111-12000-00 | - 1 ' | 9 1999 | 44 05 | | BLOCK AND SURVEY | | |
| 4. LOCATION At surface | 10F WELL (| <i>Kepon i</i> c O'ESI | 1610' FWL | ty and in accorda | ince with any S | tate req | A.G. a a Mos | • | Tires | O | R AREA | | | |
| At surface | 117 | 0 1 OL, | 10.0 | - | | | , | 360E | M Da | ייע | | | | |
| At top prod | i. interval rep | orted bel | low | | | | ML (| Gran | 7 6 | | | | | |
| | , | | | | | | (O) (I) | lia | No S | | Sec. 4, T-26-N | I, R-10-W _/ | | |
| At total dep | pth | | | | | | | المارية | N. DU N. 3 | | j | \checkmark \lor | | |
| | | | | T I | 4. PERMIT NO | | DATE ISSUE | D | | 12. CO | DUNTY OR | 13. STATE | | |
| | | | | ľ | 4. FERMIT INC | | 5,112,0002 | | | P | ARISH | | | |
| | | | | | | | Mark Street Street | | | | San Juan | New Mexico | | |
| 15. DATE SPUE | DDED 16. | DATE T. | D. REACHED | 17. DATEC | OMPL. (Ready t | o prod.) | - | | VATIONS (DF, R | | BR, ETC.)* | 19. ELEV, CASINGHEAD | | |
| 5-10-99 | | 5-11-9 | | | 1-99 | | | _ | 6 684' GL, 669 | | 70015 | CABLE TOOLS | | |
| 20. TOTAL DEF | TH, MD &TV | D | 21. PLUG, B | ACK T.D., MD &TV | | IPLE CO | | 23. IN | RILLED BY | ROTAR | Y TOOLS | CABLE TOOLS | | |
| 0.4001 | | | 2448' | | | 11044 (8) | ~!*! | | | 0-246 | B' | | | |
| 2468' | ONINTERVA | L(SLOET | | ETION-TOP, BOTT | OM, NAME (MD. | AND TV | D)* | L | | | 25. WAS DIRECT | IONAL | | |
| 24. PRODUCTI | OH HAT LIVE | L (0, 0 | | | · · · · · · · · · · · · · · · · · · · | | , | | | | SURVEY MA | DE | | |
| 2244' - 2 | 317' Pictur | ed Cliffs | s | | | | | | | 07.14(4) | WELL CORED | | | |
| 26. TYPE ELEC | | THER LO | GS RUN | | | | | | | 21. WAS | No | | | |
| | /CCL | | | | CASING RE | CORD | Report all string | s set in | well) | | | | | |
| 28. CASING SIZE | COADE I | WEIGHT | T, LB./FT. | DEPTH SET (M | | | | | EMENTING RECO | ORD | AM | OUNT PULLED | | |
| 7 | JUIVIOL | 20# | 1, 223 | 135' | | 3/4 | 100 cu ft | | | | | | | |
| 3 1/2 | | 9.3# | | 2459' | 6 ' | 1/4 | 812 cu ft | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | BING RECORD | | | |
| 29. | | | LINER RE | | | | 30. | | DEPTH SET | | | CKER SET (MD) | | |
| SIZE | TOP (MD) | BOT | TOM (MD) | SACKS CEMEN | T* SCREEN | I (MD) | SIZE 1 3/4 - coil tb | | 2277' | (MD) | 17. | OKER OCT (WO) | | |
| | | | | | | | 1 3/4 - COII LD | 9 | | | | | | |
| 31 PERFORA | TION RECOR | D (interva | il. size and nu | mber) | 32. | | AC | ID, SHO | T, FRACTURE | , CEME | NT SQUEEZE. | ETC. | | |
| 2244-2277', | | | | | | DEPTH INTERVAL (MD) AM | | | AMO | OUNT AND KIND OF MATERIAL USED | | | | |
| | | | | | 2244-23 | 2244-2317' | | | bl 20# linear | gel, 175,000# 20/40 AZ snd | | | | |
| | | | | | | | | 50 | 3,600 SCF N | 2 | | | | |
| | | | | | | | | <u> </u> | | | | | | |
| | | | | | | | | - | | | | | | |
| | | | | | | Pi | RODUCTION | <u> </u> | | | | | | |
| DATE FIRST PR | RODUCTION | | PRODU | CHON METHOD (A | lowing, gas lift, p | | | oump) | | | WELL STATUS | Producing or shut-in) | | |
| 6-21-99 | | | ļ | | Flowing | | | | | | SI | | | |
| DATE OF TEST | | HOURS 1 | TESTED | CHOKE SIZE | PROD'N FOR | OIL-I | BBL | GAS- | -MCF | WAT | ER-8BL | GAS-OIL RATIO | | |
| C 24 CO | | | | [| TEST PERIOD | 1 | | 515 | Pitot Gauge | | | | | |
| 6-21-99 FLOW TUBING | PRESS | CASING | PRESSURE | CALCULATED | OIL-BBL | 1 | GAS-MCF | | WATER-B | BL | | OIL GRAVITY-API (CORR.) | | |
| . 20 10010 | | | | 24-HOUR RATE | | | | | | | | | | |
| SI 105 | | SI 105 | A MERIDI CAT | 1907 8/C) | | | J | | | | ITEST WITNESS | ED BY | | |
| 34. DISPOSIT | ION OF GAS | | | nos, 610. j | | | | | | | | | | |
| 35. LIST OF A | TTACHMENT | | sold | | | | | - | | | | | | |
| 50. BGT OF A | THE PROPERTY | None | • | | | | | | | | | | | |
| 36. I hereby c | ertify that the t | | | information is comp | plete and correct | as deter | mined from all ava | ilabie re | coras | | | EN FOR RECOR | | |

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department of agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

| | Pictured Cliffs | Fruitland | Kirtland | Ojo Alamo | - | | FORMATION TO | SUMMARY OF POROUS ZO drill-stem, tests, including recoveries): |
|---|-----------------------------|--|--|------------------|---|---------------------|-----------------------------|---|
| | 2243' | 1955' | 1381' | 1273' | _ | | TOP | ONES: (Sho |
| - | 2468' | 2243' | 1955' | 1381' | _ | | HOTTOM | w all important z rval tested, cusi |
| | Bn-Gry, fine grn, tight ss. | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. | Gry sh interbedded w/tight, gry, fine-gr ss. | White, cr-gr ss. | | | DESCRIPTION, CONTENTS, ETC. | SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries): |
| | Pic.Cliffs | Ojo Alamo Kirtland | | | | NAME | | 38. GEO |
| | 2243 | 1273' 1381' | | | | MEAS. DEPTH | 1 | GEOLOGIC MARKERS |
| | - | | | | _ | TRUE VERT. DEPTH | TOP | |