Form 3160-4 (October 1990)

UNITE STATES SUBMIT DEPARTMENT & THE INTERIOR

SUBMIT IN DUPLIC ***TE*

(See ob.

FORM APPROVED

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| | | | EIUI | REAL | JOFLAND | MAN | 4GE | MENT | | | | uctions on verse side) | | E DESIGNA 533177-A | | SERIAL NO. |
|-------------------------|--------------|------------------------|-------------------------------|-------------|-----------------------|---------------|-----------|-----------------|-------------------------|--------------|----------------|---------------------------|----------------------|---------------------------------|------------|---------------------------------------|
| | | WELL | COMPLETIC | N OR | RECOMPL | ETION | REP | ORT AN | ID LOG* | | | | 6. IF I | NOTAN, AI | LOTTEE O | R TRIBE NAME |
| la TYPE OF | F WEL | L: | C I L V E L L | \boxtimes | GAS WELL | | DR | Υ | Othe | r F | つこう | EIV | | ACRESMEN | T NAME | |
| b. TYPE OI | F СОМ ☑ | PLETIC WORK OVER | | · 🔲 | PLUG BACK | | DIF RE | FF SVR | Othe | | l JUN : | | A. FARM | OR LEASE | NAME, W | ELL NO. |
| 2 NAME C | OF OPE | | | EDGI | COPPOR | | | | | | | | | D"24P" F | EDERAI | Z#16 |
| 3. ADDRES | SS ANI | D TELE | | | | | | | | | Al ur | | 30-015 | WELL NO. -27695 ED AND PO | | |
| 4 LOCATIO | ON OF | | 20 N. BROA (Report location | | | | | | | | 235-361 | | | ld and po Vells (Del | | ILDCAT |
| At surface | | | . & 660' FE ∟ | | | | | | | • | | | | ` | , | CK AND SURVEY OR AREA |
| At top pro | d. inter | val repor | rted below (Sa | AME) | | | | | , . | | | | Unit P | n 24-T238 | | |
| At total de | epth (| SAME) | | , | | | | | : | | and the second | . 7 | | | | |
| | | | | | 14. | PERMIT N | ю. | | 9/27/93 | D . | | | 12.COUN Eddy C | TY OR PAR | ISH | 13. STATE New Mexico |
| 15.DATE SPUT 3/31/97 | DDED | 16.DAT 4/16/9 | E T.D.REACHED | - 1 | .DATE COMPL. 21/97 | (Ready to p | prod.) | | 18. ELEVAT GL 3559.3 | | DF, RKB, | RT, GR, | ETC.)* | 19.1 | ELEV. CAS | INGHEAD |
| 20. TOTAL DEI 8652' | PTH, MC | S TVD | 21.PLUG, BAG 8565' | K T.D. | , MD & TVD | 22. IF N/A | AUL: | | OPL., HOW MA | | | | ERVALS | ROTARY | | CABLE TOOLS |
| 24.PRODUCING | G INTER | CVAL(S), | OF THIS COMPI | ETION- | TOP, BOTTOM, | NAME (I | MD AN | | | | | | > | <u> </u> | 25. WAS | DIRECTIONAL SURVEY |
| Delaware | 7175- | 8376' | | | | | | 1 , | 0 0 a | er om | | | | | MADE NO | |
| | | | | | | | | 1 to | II. 0 <u>1</u> | 100 <i>1</i> | | | | | 110 | |
| PALS/Micro | | | R LOGS RUN L/LDT and CB | L | | | | <u></u> | OLA. | | | | | NO NO | WELL CO | RED |
| 28. | | ···· | : | | CA | SING R | ECO |) RD (Re | ort all strin | gs set i | n well) | | | 1 | | · · · · · · · · · · · · · · · · · · · |
| CASING SIZ | ZE/GRAD |)E | WEIGHT, B., | FT. | DEPTH | SET (MD) | | | HOLE SIZE | | TOP OF | CEMENT, C | EMENT ING | RECORD | | AMOUNT PULLED |
| 13 3/8" | H-40 | - ` | 18# | | 939' | | | 17 1/2' | | | | 5 sx Poz (| | | | |
| 8 5/8" 5 1/2" | J-55 J-55 | - | 5.5# & 17# | | 4007' 8651' | | | 11" | | | | 25 sx Poz | | | | |
| 3 1/2 | J-33 | - + - | .3.3# 0C 1 /# | | DV tool | @ 5517° | | 7 7/8" | | | 3500"; 3 | 90 sx Cl l | 1 + 260 s | x Ci C | | |
| 29. | | | |] | LINER REC | <u> </u> | | | | | 30. | | | TUBING | RECOR | D |
| SIZE | | T | OP (MD) | ВО | TTOM (MD) | SA | CIKS C | EMENT* | SCREEN | (MD) | 1 | SIZE | | EPTH SET (| | PACKER SET (MD) |
| | | | | | | | | | | | 2 7/8 | 3" | 839 | 8' | | |
| | | | terval size and sum | | | <u>L</u> | | | <u>, L</u> | | | | | | | |
| | | • | , - | | | | | | 32. | | ACID S | SНОТ, FI | RACTUR | Е, СЕМЕ | EMNT SO | QUEEZE, ETC. |
| | | • | .40" EHD) UB(.40" EHD) ME | | | | | | DEPTH D | NTERVAL | L (MD) | | AMOU | NT AND KI | ND OF MA | TERIAL USED |
| 8226-8248 | 8' w/12 | holes (| .40" EHD) LB | C "D" | | | | | 7175-72 | 16' | | | | 6 NeFe ac | | · · · |
| 8362-8376 | b' W/8 | s holes (. | .40" EHD) LB0 | A" | | | | | | | | + | gais 30# 0# 16/30 | | + 54,500 |)# 16/30 Ottawa sd + |
| | | | | | | | | | (Continue | d on re | verse) | 19,23 | UH 10/30 | KC Su | | |
| 33.* | | | | | | | | PRODU | JCTION | | | l | | | | |
| DATE FIRST P 6/3/97 | | ION | PRODUCTIONS pumping | METHOD | I(Flowing, gas i | ift, pumpinį | ę—size | and type of | (pump) | | | | | | shu | L STATUS (Producing or 1-in) oducing |
| 6/20/97 | • | HOURS 24 | TESTED | CHOKE | SIŽE | PROD' | | R TEST | 011-BBL. 193 | | GA: 16 | MCF. | | WATER-BB 355 | | GAS-OIL RATIO 839/1 |
| FLOW. TUBING | PRESS | . CA | SING PRESSURE | | CALCULATED RATE | 24-HOUR | 1 | OIL-BBL. 193 | | GAS-1 162 | MCF. | | WATER BE | DL. | 37.8 | RAVITY-API (CORR.) |
| 34. DISPOSIT | ION OF | GAS (So. | ld, used for fuel ven | ted, etc.) | | | | | | | , | WITNESSEI Talley | BY | | <u> </u> | |
| open hol | | | g, deviation su | rvey re | port | | | - | | | | | | | | |
| 36. I hereb | y cert | ify that | the foregoing | g and a | ttached info | rmation | is co | omplete a | and correct | as det | ermined : | rom all a | vailable | records | | |
| SIGNEI | | an | dace | R.A | Traha | m | TIT | CAI TLE ENC | NDACE R. G | RAHA TECH | M NICIAN | DA' | TEJune 2 | 2, 1997 | | |
| | | | | | | | | - | | | | | | | | |

| TODD "24P" FEDERAL #16, 30-015-27695, NM-0533177-A | RAL #16, 30 | 0-015-27695, NA | 1-0533177-A | | | |
|--|-------------|--------------------------------------|---|---------------|------------------|------------------|
| 37. SUMMARY OF including depth inter | POROUS Z | ONES: (Show all 1shion used, time | 37. 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): | 38. | GEOLOGIC MARKERS | ARKERS |
| FORMATION | TOP | воттом | DESCRIPTION, CONTENTS, ETC. | | | TOP |
| | | | | NAME | MEAS. DEPTH | TRUE VERT. DEPTH |
| | | | | Rustler | 948' | |
| | | | | Salado | 1274' | |
| | | | | Delaware | 4548' | |
| | | | | Cherry Canyon | 5494' | |
| | | | | Bone Spring | 8438' | |
| " | | | | | | |
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| | | | | | | |
| | | | | | | |
| | | DEPTH | ACID, SHOT, FRACTURE, CEMEMNT SQUEEZE, ETC (continued from the front) | | | |
| | | 7594-7608' | 14,500 gals 30# X-link gcl + 54,500# 16/30 Ottawa sd + 19,250# 16/30 RC sd | | | |
| | | 8226-8376' | 1500 gals 7 1/2% NeFe acid + 50 BS | | | |
| | | | 26,750 gals 30# X-link gel + 117,500# 16/30 Ottawa sd + 38,500# 16/30 RC sd | | | |
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