| ORM 3160-4 | | | . | | | | | SUBMIT | IN DUPLIC | ATE* | FORM | APPROVED | | 121 | | |
|---|--------------------|--------------------|---------------|---|------------------|---------------------------|--------------------|------------------------|------------------|-------------|------------|------------------------------------|--------------------|------------------|--|--|
| July, 1992) | | | U | NI') ST | ГАТЕ | S | | (Sil o | Cons | ions | OMB N | NO. 1004-0137 | () | 87 | | |
| • • • | | DEPA | RTM | EN ₁ OF | THE | INTERIO |)R | | one side |), , , , | Expires | :: February 28, 1995 | | | | |
| | | | | F LAND | | | _ !\. | M. D | IV-U | ist. 2 | 2 5. LEA | SE DESIGNATION AND | SERIAL NO. | | | |
| | | BUK | LAU (| IT LAND! | MAINA | GENIE | 101 V | VG | rand | AVI | מוחב | | | | | |
| | | | | | | 1 (| ۷ بار دماسی | ۷. U | NM | 7771 000 | | 90847 | | | | |
| | | | | | | | HILL | sid, | HAIA! | | | IAN ALLOTTEE OR TRI | BE NAME | | | |
| WELL | COM | DI ETIO | NOR | RECOM | PLET | TON RE | PORT | ANT | LOG | * | | | | | | |
| YPE OF WELL | COM | LETTO | IV OIL | RECOM | LEE | | | | | | 7. UNI | T AGREEMENT | | | | |
| OIL WELL GAS WELL X DRY OTHER | | | | | | | | | | | | | | | | |
| TPE OF COMPLETION | | | | | | | | | | | 1 | M OR LEASE NAME Freddy Unit #1 | | | | |
| EW WELL WORK OVER DEEPEN PLUG BACK DIFF. RES. OTHER | | | | | | | | | | | leig (| | | | | |
| NAME OF OPERATO | R | | | | | | | | | | 9. API | WELL NO. | - | | | |
| ates Petroleum Corporation | | | | | | | | | | | | 30-015-29734 | | | | |
| ADDRESS OF OPERATOR | | | | | | | | | | | | Haupache | | | | |
| 105 South Fourth | Street, | Artesia, NM | 88210 | • | 748-14 | | !V | | (m) | | | cat Atoka C. T. R. M., OR BLOCK | AND SURVEY | | | |
| | | | | | , ins | | ; | jijl : | - C () | | 1 | OR AREA | | | | |
| At surface 1980'F | FNL & 19 | 980'FEL (Ur | nit G, SV | VNE) | | 13 | 3 | RECE | DIES! | | | | | | | |
| At sop prod. interval, repo | nited helow | 0- | mo oc | above | | ,5 | t C | $A \cdot G_{O_1}$ | RIES | | Sec | tion 10-T23S-R22I | = | | | |
| At op prog. intervalepe | orted below | 58 | ame as | above | T-1 | PERMIT NO. | | | E ISSUED | | 1 | OUNTY OR PARISH | | STATE | | |
| At total depth | | | | | | | | $\left \cdot \right $ | | | Edd | y | | NM | | |
| 15 DATE SPUDDED | | 16 DATE T.D | REACHED |) | 17 | DATE COMPL. | (Ready to Pr | od.) | 18. EL | EVATIO | NS (DF, RK | B, RT, GR, etc.)* | 19. ELE | V. CASINGHEAD | | |
| RH 8/31/97 | | | | | | | | | | | | | | | | |
| RT 9/5/97 | | 10/12/97 | * 1 | | | /27/97 It Multiple Com | al Ham VI | ny f | 4479 | 9' GR | 23. RÖTAF | Y 100LS | N/A | ABLE TOOLS | | |
| 20 Total Depth (MD & | IVD) — | 21 Plug back | 1.D. (MD & | (AD) | - | it Multiple Com | pr., 110W :VI8 | шу | | | | | | | | |
| 10,110' | | 7588' | ION TOD | BOTTON YOU | IMD & T | em. | | | | | 40'-10,1 | 10' | N/A 25, WAS | DIRECTIONAL | | |
| 24 PRODUCING INTER 9125'-9179' Atoka | | THIS COMPLET | 10N. TOP. I | BUTTOM, NAME | : (.VID & : | V 5) | | | | | | | | RVEY MADE | | |
| 9 23-9179 Aloni | a | | | | | | | | | | | | No | | | |
| 26 TYPE ELECTRIC A | AND OTHER | R LOGS RUN (| Circle those | filed) | | | | | | | | | 1 | Well Cored | | |
| CNL/GR, Laterlo | g & BHC | ; - | | CASING | DECOR! |) (Domont all | Latrings | at in IVA | 11) | | | | No | | | |
| 28 CASING SIZE | IZE WEIGHT LB.FT | | DEP | CASING RECORD (Report all TH SET (MD) HOLE SIZE | | CEMENTING RECORD | | | | | | AMOUNT PU | ILLED | | | |
| 20" | | | 40' | 26 | | 6" | | Cement to surface | | | | | | | | |
| 13-3/8" | 54.5# | 54.5# | | | 17-1/2" | | 550 sx - circulate | | | | <u></u> | | ļ <u>-</u> - | | | |
| 9-5/8" | 36# | | 1910' | | 12-1/4 8-3/4" | | 900 sx | - circulate | | | | | | | | |
| 5-1/2" 29 LINER RECO | | | 10,110 | ,110' 8- | | | 1050 SX | | | TUBING | G RECORD | 1 | | | | |
| 29 LINER RECO | | P (MD) | T | BOTTOM (MD) |) | SACKS C | EMENT | SCREE | EN (MD) | | ZE | DEPTH SET (MD) | P.A | ACKER SET (MD) | | |
| | | | | | | | | | | 2-7/8" | | 7328' | 7328' | | | |
| | | | | | | | | | | | | | | | | |
| 31 PERFORATION R | | | | 051 071 701 | 701 70 | 771 701 | | 32. | | | T, FDep | th Set (MD) Amt. & Kind of Mater | riol Hond | | | |
| 9125', 27', 29', 4 with 17 holes4 | | | 56', 62', | 65', 67', 70', | 13, 16 | , 77, 79 | | 9125'- | NTERVAL 9179' | (MD) | Acidize | d w/2000 gals 15° | | and ball sealers | | |
| with 17 holes | +2 110163 | , | | | | | | | | | | d (via 2-7/8" tbg) v | | | | |
| | | | | | | | | | | | acid. | | | | | |
| 33 | | | | | | | RODUC | TION | | | | | | | | |
| DATE FIRST PRODUC | .TION | Producing Me | thod (Flowi | ing, gas, lift, pump | ing- size & | type of pump) | | | | | | WELL STATUS (produc | ng or shut-in) | | | |
| | | | | | | | To 10.61 | | Taxa No | | i AC(| DEPTED FOR | RECC IGAS OIL R | RD | | |
| DATE OF TEST | HC | URS TESTED | CH | OKE SIZE | | OD'N. FOR | OIL, BBI | .S | GAS, MC | r | WATER- | BBE | UAS-UIL IV | | | |
| | | | | | i | EST PERIOD | | | | | <u> </u> | 1.181 | 60/02 | | | |
| FLOW TUBING PRES | S | CASING PRESS | URE CA | LCULATED | | OI | L, BBLS | GA | S. MCF | W.5 | TER-BBL | \$ 7 5 7 5 8 | OIL GRAVI | TY-API | | |
| | | | 24- | HOUR RATE | | | | | 19/ | | | | 1 | ! | | |
| 34 DISPOSITION OF | GAS (Sold. | used for fuel, ve | nted, ect.) | | | | | | +1 (P | | Test | Witnessed By | Alexander (A) | | | |
| | NIES TO | | | | | | <u></u> - | | | | | | | | | |
| 35 LIST OF ATTACE | лмих (8 | | | | | | | | | | | | | | | |
| <u></u> | | | | in named and | | armined for an old | available c | corde | · | | | | | | | |
| 36 I hereby certify tha | n the foregoi A | ng and attached i | intermation | is complete and co | errect as det | | | | | ios=- 1 | Sunard- | 0.5 | . luku 4 n | 002 | | |
| SIGNED | مسلح | L Hu | ert | <u>a</u> | | | | | y Compl | | oupervis | DATE | July 1, 2 | 002 | | |
| L | | | | | *See ins | tructions and Spa | ices for Addi | tional Data | on Reverse | Side | | | | | | |

I[±] | |

| TOP | 17. SUMMARY OF POROUS ZONE drill-stem tests, including depth in recoveries). |
|---|--|
| 10p | S. (Show all important z nterval tested, cushion u |
| воттом | cones of porosity and cosed, time tool open, floor |
| DESCRIPTION, CONTENTS, ETC. | SUMMARY OF PUROUS 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). |
| NAME San Andres Glorieta Bone Spring Wolfcamp Cisco Canyon Strawn Atoka Morrow | 38. GEOLOGIC MARKERS |
| TOP TRUE MEAS. DEPTH VERT. DEPTH 439' 1940' 2938' 5828' 7725' 7785' 8320' 9929' 9689' | õ |