In Lieu of Form 3160-4 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

FORM APPROVED
OMB NO 1004-0137

Expires. February 28, 1995

The state of the s

5 LEASE DESIGNATION AND LEASE NO Jicarilla contract #92

| | | | COMPLETION R | | | 6 IF INDIAN,ALLO | TTEE OR | |
|--|--|--|----------------------------------|-------------------------------|--|--|------------------------|---|
| | WELL COMPLI | ETION OR REC | COMPLETION R | EPORT AND L | OGt - NA | thearilla Apache Unit Agreemen | Nation | |
| la TYPE | OF WELL ΓΟΙL WELL | X GAS WELL | DRY OTHER | | FED 4 | POUN | FEB 24'09 | |
| ь түре | OF COMPLETION NEW WELL WORKO | _ | UG BACK DIFF RESVR | OTHER BUILD | FEB 1 2 2009 | OILC | | |
| - · · · · · · · · · · · · · · · · · · · | OF OPERATOR | | | lan | mington Field Office | 8 FARM OR LEASE | TCT O NAME, WELL NO | |
| | | OIL CONS. DIV. FARM OR LEASENAME, WELL NO Jicarilla "92" #2A | | | | | | |
| 3 ADDR | ESS AND TELEPHONE NO | D | | | | 9 API WELL NO | | |
| | | P.O Box 640, | Aztec, NM 87410 (505 | 634-4208 | | 30-039-29944 | 0031 | |
| | , | | and in accordance with a | any State requirement | ts)* | 10 FIELD AND | POOL, OR WILDCAT | _ |
| | rface. 1095' FNL & 1 | Blanco Mesa Ver | rde | | | | | |
| | o production interval r al depth Same | eported below 1450 | ' FNL & 1506' FWL, Se | c 29 (F), 12/N, K3V | V | | | |
| Tit tou | ar dopar Samo | 11 SEC, T,R,M, O | R BLOCK AND | _ | | | | |
| | | , | | | | SURVEY OR AREA Sec 29, T27N, R3W | | |
| | | | | 14 PERMIT NO | DATE ISSUED | 12 COUNTY OR | 13 STATE | _ |
| | - | | | | | Rio Arriba | New Mexico | |
| 15 DATE | 16 DATET D | | D (READY TO PRODUCE) | 18 ELEVATIONS (DK | | 19 ELEVATION CAS | SINGHEAD | |
| SPUDDED 12-29-08 | REACHED 1-12-09 | 2- | 10-09 | 732 | 23' GR | | | |
| 20 TOTAL DEPTH, N | | 21 PLUG, BACK T D , | MD & TVD | 22 IF MULTCOMP, | 23 INTERVALS | ROTARY TOOLS | CABLE TOOLS | _ |
| 670 | 7' MD | 6630' MD | | HOW MANY | DRILLED BY | х | | |
| | | | M, NAME (MD AND TVD)* | | | 25 WAS DIRECTION | NAL SURVEY MADE | |
| Blanco Mesa | Verde: 5879' – 6206 AND OTHER LOGS RUN | YES 27 WAS WELL CORED | | | | | | |
| | n, Gamma Ray-Densi | | sated Dual Neutron | | | NO NO | 1.15 | |
| | · · · · · · · · · · · · · · · · · · · | | | | | <u> </u> | | |
| | (Report all strings set in wel IZE/GRADE | WEIGHT, LB /FT | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEN | MENTING RECORD | AMOUNT PULLED | — |
| 9-5/8", K-55 | | 36.0# 345' | | 12-1/4" | 200 SX - SURFACE | | | |
| 7", | K-55 | 23.0# | 4495' | 8-3/4" | 650 SX - 15 | 00' (CBL) | | |
| | | | | | | | | |
| 29 LINER RECORD | | - | | | 30 TUBING RECORD | | | |
| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) | |
| 4-1/2", K-55, | 4316' | 6688' | 200 SX – 4480' | | 2-3/8", 4.7#. J-55 | 6572' | | |
| 11 6# 31 PERFORATION R | ECORD (Interval, size, and : | number) | (CBL) | 32 ACID, SHOT, FRAC | TURE, CEMENT SQUEEZE, | ETC | <u> </u> | |
| | , , , | , | | DEPTH INTERVAL (MD) | | OUNT AND KIND OF MATERIAL USED | | |
| | | | | 5879' – 6206' | Fraced with 12380# | 14/30 LiteProp 125 followed with 2000# brown | | |
| <u>CH/MEN·</u> 5879' | - 6206'. Total of 52, | 0.34" holes | | CH/MEN | sand | | | |
| DIO: 6230' 65 | 85' Total of 57 0 34 | " holes | | | Fraced with 14440# 14/30 Lite prop 125 followed with 3070# | | | |
| <u>PLO</u> : 6239' – 6585', Total of 57, 0 34" holes | | | | 6239' – 6585' | brown sand | | | |
| 109 | total holes | • | | PLO | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 33 PRODUCTION | | | , | | | | | |
| DATE OF FIRST PRODUCTION PRODUCTION METHOD (Flowing, g | | | | s lift, pumping-size and type | e of pump) | WELL STAT | US (PRODUCING OR SI) | |
| | | | | | | SI | - waiting tie in | |
| DATE OF TES Γ | TESTED | CHOKE SIZE | PROD'N FOR TEST | OIL - BBL | GAS – MCF | WATER - BBL | GAS-OIL RATIO | |
| 2-9-09 | 1 5 hrs | 2" | PERIOD | | | | | |
| 4-2*U2 | () 1113 | - | | | | | | |
| FLOW TBG PRESS | CASING PRESSURE | CALCULATED | 24-HOUR RATE | OIL – BBL | GAS MCF | WATER - BBL | OIL GRAVITY-API (CORR) | , |
| 0 oz | 27 oz | | | | 800 p/day | | | |
| | |) | | | | TEOT MATNEGORE TO | V. Come Wast | |
| | GAS (Sold, used for fuel, ve | | MES MELLBORE DIAC | 2 4 14 | | TEST WITNESSED B | 1 Craig ward | |
| 35 LIST OF ATTACH | MENIS SUMIN | | ONES, WELLBORE DIAGE | | | ACC | בחדבה בעב מבענסה | |
| | the terescome and attached a | | compet as datarminad from all as | ouania recorde | | 11 | | |

NMOCD

TITLE Drlg COM DATE 2-12-09

FEB 2 0 2009

FARMINGTON FIELD OFFICE BY T. Salvers

| FORMATION | ТОР | ВОТТОМ | DESCRIPTION, CONTENTS, ETC | | NAME | TOP | | |
|-----------|-----|--------|----------------------------|---|------|-----------------|-------------------|-------------------|
| | | | | | | NAME | MEASURED DEPTH | TRUE VERTICAL DEP |
| | | | | | | KIRTLAND | 3836' | |
| | | | | | | PICTURED CLIFFS | 4133' | - |
| | | | | | | CLIFFHOUSE | 5865' | |
| | | | | | | MENEFEE | 5997' | |
| | | | | | | POINT LOOKOUT | 6302' | |
| | | | , | | | MANCOS | 6624' | |
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