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AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

Permian Oil Company **Knight**
(Company or Operator) (Lease)

Well No. **1**, in **NE** $\frac{1}{4}$ of **NE** $\frac{1}{4}$, of Sec. **5**, T. **30-N**, R. **13-W**, NMPM.
Wildcat Pool, **San Juan** County.

Well is **920** feet from **N** line and **920** feet from **E** line
of Section **5**. If State Land the Oil and Gas Lease No. is _____

Drilling Commenced **8-21**, 19**99** Drilling was Completed **9-17**, 19**99**

Name of Drilling Contractor **Great Western Drilling Company**
Address **Midland, Texas**

Elevation above sea level at Top of Tubing Head **5512**. The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from **6034** to **6290 (Gas)** No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from **None Indicated** to _____ feet.
No. 2, from _____ to _____ feet.
No. 3, from _____ to _____ feet.
No. 4, from _____ to _____ feet.



CASING RECORD

| SIZE | WEIGHT PER FOOT | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE |
|--------|-----------------|-------------|--------|--------------|---------------------|------------------------------|---------|
| 10-3/4 | 45.5 | New | 292 | Texas | - | - | Surface |
| 5-1/2 | 15.5 | New | 6297 | Floet | - | 6034-90 | |
| | | | | | | 6114-40 & 6220-32 oil string | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. BAGS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|--------------------|-------------|-------------|--------------------|
| 12 | 10-3/4 | 292 | 100 | HOWCO | 9.5 | - |
| 7-7/8 | 5-1/2 | 6297 | 150 | HOWCO | 9.2 | - |

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Perf. **6034-90, 6114-40 and 6220-32. Washed with 3000 gallons Mud Acid. Fraced with 100,000 gallons water with 1 pound sand per gallon.**

Result of Production Stimulation **Multi-Point Back Pressure test (C-122)**
4,821 MCFTD on 3/4" choke
Depth Cleaned Out **6252**

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from Surface feet to 6300 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing _____, 19____

OIL WELL: The production during the first 24 hours was _____ barrels of liquid of which _____ % was
was oil; _____ % was emulsion; _____ % water; and _____ % was sediment. A.P.I.
Gravity _____

GAS WELL: The production during the first 24 hours was 4,821 M.C.F. plus _____ barrels of
liquid Hydrocarbon. Shut in Pressure 2,007 lbs.
7 days
Length of Time Shut in _____

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

| | | |
|--------------------|---------------------|-----------------------------------|
| T. Anhy..... | T. Devonian..... | T. Ojo Alamo..... |
| T. Salt..... | T. Silurian..... | T. Kirtland-Fruitland..... |
| B. Salt..... | T. Montoya..... | T. Farmington..... |
| T. Yates..... | T. Simpson..... | T. Pictured Cliffs..... |
| T. 7 Rivers..... | T. McKee..... | T. Menefee..... 2300 |
| T. Queen..... | T. Ellenburger..... | T. Point Lookout..... 3860 |
| T. Grayburg..... | T. Gr. Wash..... | T. Mancos..... 4000 |
| T. San Andres..... | T. Granite..... | T. Dakota..... 6020 |
| T. Glorieta..... | T. | T. Morrison..... |
| T. Drinkard..... | T. | T. Penn..... |
| T. Tubbs..... | T. | T. Gallup 5170 |
| T. Abo..... | T. | T. Cliff House 3000 |
| T. Penn..... | T. | T. |
| T. Miss..... | T. | T. |

FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|------|------|----------------------|-------------------|------|------|----------------------|-------------------|
| | 0 | 400 | Shale | 1660 | 2570 | | Shale |
| | 400 | 610 | Sand | 2570 | 2690 | | Sand |
| | 610 | 710 | Shale | 2690 | 2800 | | Shale |
| | 710 | 820 | Sand | 2800 | 3000 | | Sand |
| | 820 | 990 | Shale | 3000 | 3300 | | Sand & Shale |
| | 990 | 1010 | Sand | 3300 | 3330 | | Coal & Shale |
| | 1010 | 1100 | Shale | 3330 | 3750 | | Shale |
| | 1100 | 1110 | Coal | 3750 | 3860 | | Sand, shale, coal |
| | 1110 | 1170 | Shale | 3860 | 4040 | | Sand |
| | 1170 | 1180 | Coal | 4040 | 4250 | | Shale |
| | 1180 | 1210 | Sand | 4250 | 4410 | | Sand |
| | 1210 | 1260 | Shale | 4410 | 4570 | | Shale |
| | 1260 | 1285 | Sand | 4570 | 4700 | | Sand |
| | 1285 | 1320 | Shale | 4700 | 6045 | | Sand |
| | 1320 | 1500 | Sand Shale & Coal | | | | |
| | 1500 | 1570 | Shale | | | | |
| | 1570 | 1600 | Sand | | | | |

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator..... Permian Oil Company Address..... 1223 Petroleum Life Building
Name..... A. B. Bird Position..... Engineer

Date..... October 12, 1939 (Date)