



NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED

WELL RECORD OCT 1 1960

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

AREA 640 ACRES
LOCATE WELL CORRECTLY

a joint venture

Jack Mack, James T. Jennings, B. M. Keohane & Garol Westall State
(Company or Operator) (Lease)

Well No. 3, in SE 1/4 of NW 1/4, of Sec. 2, T. 19 S., R. 31 E., NMPM.
Shugart Pool, Eddy County.

Well is 1650 feet from West line and 1650 feet from North line
of Section 2. If State Land the Oil and Gas Lease No. is E-6018

Drilling Commenced Sept. 12, 1960. Drilling was Completed October 3, 1960.

Name of Drilling Contractor Donnelly Drilling Co.

Address Artesia

Elevation above sea level at Top of Tubing Head 3626. The information given is to be kept confidential until
19.

OIL SANDS OR ZONES

No. 1, from to 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 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 |
|-------|-----------------|-------------|--------|--------------|---------------------|--------------------|---------------------|
| 8-5/8 | 24 | new | 150' | Larkin | | 5-7/16 72 shots | intermediate 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 |
|--------------|----------------|-----------|--------------------|-------------|-------------|--------------------|
| 9" | 5-1/2 | 4217 | 300 | Danton | | |
| | | | | | | |
| | | | | | | |

RECORD OF PRODUCTION AND STIMULATION

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

42,000 gal oil, 81,000 lb. sand

Result of Production Stimulation Well swabbed all load oil back in 3 days, then
swabbed approx. 240 bbls. oil per day

Depth Cleaned Out

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 -0- feet to 4500 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing October 7, 1960
OIL WELL: The production during the first 24 hours was 240 barrels of liquid of which 90% was oil; 10% was emulsion; % water; and % was sediment. A.P.I. Gravity 35
GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.
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 | OIL CONSERVATION COMMISSION | |
| T. Salt | T. Silurian | ARTESIA DISTRICT OFFICE | |
| B. Salt 2340 | T. Montoya | Mo. Caves T. Farmington | |
| T. Yates 2540 | T. Simpson | T. Pigeon | |
| T. 7 Rivers 3438 | T. McKee | T. Menefee | |
| T. Capitan 3760 | T. Ellenburger | T. Point Lookout | |
| T. Grayburg 4442 | T. Gr. Wash | T. Mancos | |
| T. Delaware Mt. type sand 4490 | Granite | T. Dakota | |
| T. Glorieta | T. | T. Morrison | |
| T. Drinkard | T. | T. Penn | |
| T. Tubbs | T. | T. | |
| T. Abo | T. | T. | |
| T. Penn | T. | T. | |
| T. Miss | T. | T. | |

FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|------|------|-------------------|---|------|------|-------------------|---|
| | 2340 | | salt | 4490 | 4500 | 10 | fine, dark gray Delaware Mountain type of sandstone |
| 2340 | 2540 | 200 | red shale, red siltstone & anhydrite | | | | |
| 2540 | 2550 | 10 | Yates sand (very poorly developed) | | | | |
| 2550 | 3438 | 888 | Red beds, gypsum & anhydrite | | | | |
| 3438 | 3760 | 322 | "Queen" alternating fine gray sand & dolomitic limestone | | | | |
| 3760 | 4128 | 368 | Capitan formation light gray to tan dolomitic limestone & light gray to tan sandstone | | | | |
| 4128 | 4442 | 314 | Grayburg, light gray to tan, dolomitic limestone, with some breaks of fine gray sandstone | | | | |
| 4442 | 4490 | 48 | San Andres type limestone, dense gray brown, in part anhydritic, dolomitic line. | | | | |

TAKEN FROM H. S. CAVE GEOL. REPORT
Oct. 3, 1960

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.

October 13, 1960

Company or Operator Mask, Jennings, Keohane & Westall
Name Jack Mask

Address Box 1235, Roswell, N.M.
Position Title co-owner