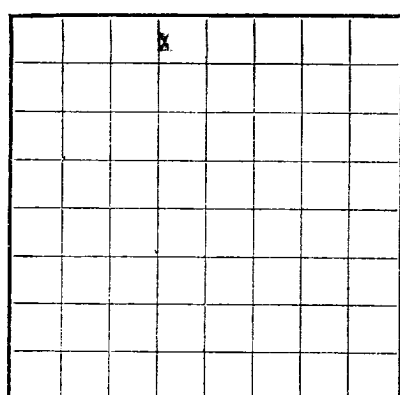


U. S. LAND OFFICE **Las Cruces**SERIAL NUMBER **031741 (b)**LEASE OR PERMIT TO PROSPECT **Lea**

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box 68, Eunice, New Mexico
Lessor or Tract Hawk B-10 Field Elinebry State New Mexico
Well No. 10 Sec. 10 T. 21-S R. 37-E Meridian NMPM County Lea
Location 460 ft. N of N Line and 1980 ft. E of W Line of Section 10 Elevation 3472' KB
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon
so far as can be determined from all available records.

Signed J. R. Knight
Date July 12, 1962 Title District Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling 4-30, 19 62 Finished drilling 5-16, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5648 to 6130 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>13 3/8</u>	<u>48.5</u>	<u>8rd</u>	<u>H-40</u>	<u>327</u>	<u>Guide</u>				
<u>8 5/8</u>	<u>24.7</u>	<u>8rd</u>	<u>H-40</u>	<u>535</u>					
<u>8 5/8</u>	<u>24.7</u>	<u>8rd</u>	<u>J-55</u>	<u>2474</u>	<u>Guide</u>				
<u>5 1/2</u>	<u>15.5</u>	<u>8rd</u>	<u>J-55</u>	<u>1151</u>	<u>OK</u>				
<u>5 1/2</u>	<u>14</u>	<u>8rd</u>	<u>J-55</u>	<u>5369</u>	<u>Floot</u>		<u>5782</u>	<u>5929</u>	<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13 3/8</u>	<u>337</u>	<u>300</u>	<u>Pump & plug</u>		
<u>8 5/8</u>	<u>3000</u>	<u>350</u>	<u>Ditto</u>		
<u>5 1/2</u>	<u>6485</u>	<u>505</u>	<u>Ditto</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 6485 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

6-10, 19 62 Put to producing 6-14, 19 62

The production for the first 24 hours was 112 barrels of fluid of which 98% was oil; _____%
emulsion; 2% water; and _____% sediment. Gravity, °Bé. 40

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

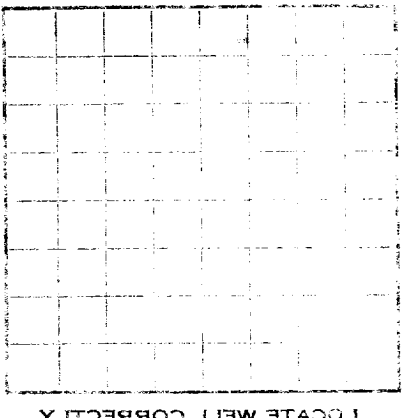
F. R. Knight, Driller (Moran Drlg. Corp.)
J. R. Maseff, Driller
Fowler, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1280</u>	<u>1280</u>	<u>Redbeds</u>
<u>1280</u>	<u>1370</u>	<u>90</u>	<u>Anhydrite</u>
<u>1370</u>	<u>2470</u>	<u>1100</u>	<u>Salt</u>
<u>2470</u>	<u>3742</u>	<u>1272</u>	<u>Interbedded dolomite & anhydrite with sand stringers</u>
<u>3742</u>	<u>3948</u>	<u>206</u>	<u>Brn to gry dolomite w/sand stringers</u>
<u>3948</u>	<u>5212</u>	<u>1264</u>	<u>Dolomite</u>
<u>5212</u>	<u>5648</u>	<u>436</u>	<u>Dolomite to sand</u>
<u>5648</u>	<u>6130</u>	<u>480</u>	<u>Dolomite</u>
<u>6130</u>	<u>6456</u>	<u>326</u>	<u>Sand in upper zone, sand to dolomite in middle zone, dolomite in lower</u>
<u>6456</u>	<u>6486 T.D.</u>	<u>30</u>	<u>Dolomite</u>
			<u>SEE REVERSE SIDE</u>

o/3-USGS; 5-NMOCC; WAM; FILE;
Pan Am, Hobbs-2; Atl, Ros-2; Std, Houston, Midland-1 ea.

LOG OF OIL OR GAS WELL



Company: _____
Location or Tract: _____
Section: _____
T. _____ R. _____
County: _____
State: _____
Address: _____
Elevation: _____
The information given herewith is a complete and correct record of the well and all work done thereon
as far as can be determined from all available records.
Signed: _____
Title: _____
The summary on this page is for the condition of the well at above date.
Completed drilling: _____
Finished drilling: _____
Oil or Gas Sands or Zones: _____
Important Water Sands: _____
Casing Record: _____

Oil or Gas Sands or Zones
No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
Important Water Sands
No. 1 from _____ to _____
No. 2 from _____ to _____
Casing Record
No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

HISTORY OF OIL OR GAS WELL
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was attached, or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or pulling.

MUDGING AND CEMENTING RECORD
Amount of mud used _____
Mud gravity _____
Method used _____
Number and size of rods _____
Cement used _____
Amount of cement used _____

PLUGS AND ADAPTERS
Size _____
Length _____
Depth set _____

SHOOTING RECORD
Quantity _____
State _____
Depth of shot _____
Depth of casing _____

TOOLS USED
Cable tools were used from _____ feet to _____ feet and from _____ feet to _____ feet.
Rod tools were used from _____ feet to _____ feet and from _____ feet to _____ feet.

DATES
The production for the first 24 hours was _____ barrels of oil of which _____% was oil.
It ran well on 16 per 24 hours _____ barrels of oil of which _____% was oil.
Back pressure, lbs. per sq. in. _____
Gallons gasoline per 1,000 cu. ft. of gas _____
Gravity, API _____
Put to producing _____
10 _____

EMPLOYEES
Driller _____
Driller _____
Driller _____

FORMATION RECORD
FORMATION
TOTAL FEET
TO
FROM

FORMATION RECORD-Continued
FORMATION
TOTAL FEET
TO
FROM
5-17-62
PILGRIM CO. DRILLING CO. DRILLING 7-30-62, COMP 5-16-62, TEST 6-18-62, RIG RELEASED
CRUDE, 13,000 LBS SAND, 260 LBS "ADONITE". PROBABLE PL CONN TEXAS NEW MEXICO
CR 350 LBS W/368 WCGD, GOR 3375. EST DAILY YIELD 75 BO. TEST W/13,000 GAL
COLLAR. IS AT 110' BEARS NO DEG GRAY OIL, 2 BE IN 24 HRS, 26/64" CRK, 12-100 LBS,
5830-32, 5847-49, 5876-78, 5892-94, 5898-5900, 5917-19, 5927-29 W/2 JSPL BY GR-
NEP 48', BEARS 5782-84, 5792-94, 5800-02, 5804-06, 5810-11, 5816-18, 5823-24,
6110' W/2 BY CMT. TUBE ZONE ABANDONED. BLINER ZONE - PAY BLINER 5648-6130,
1,000 LBS "ADONITE", USING 75 BALL SEATERS. FAILED TO REC OIL LOAD. SET CMT AT
COLLAR. TEST W/500 GALS 15 PC ACID, 20,000 GALS LEASE CRUDE, 20,000 LBS SAND,
6130-6456, NEP 01, BEARS 6248-78, 6301-11, 6387-6403, 6417-22 W/2 JSPL BY GR-
LOG, 6227 ON DEPTH CONTROL LOG, 6231 ON INDUCTION-ES LOG. TUBE ZONE - PAY TUBE
DRINKARD 6456, BY GR-SONIC. LOG COMPARISON: 6228 ON GR-SONIC IS 6222 ON GR-CORE
3573, GRAYBURG 3742, SAN ANDRES 3948, GLORIA 5212, BLINER 5648, TUBE 6130,
1280, SALADO 1370, TANSIT 2470, YATES 2593, SEVEN RIVERS 2848, UREN 3419, PENROSE
TD 6485 LW, PB 6102, KB 17, ELEV 3472 KB, CSC PT 5-1/2 AT 6485'. TOPS: RUSTLER