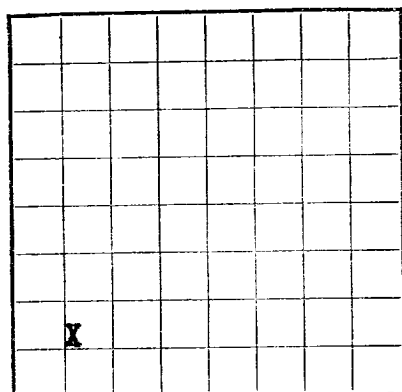


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 030556 b
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES 1960 JAN 17
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NEW WELL

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box 68, Lunice, New Mexico
Lessor or Tract Stevens B-12 Field Langlie-Mattix State New Mexico
Well No. 4 Sec. 12 T. 23-R. 36 Meridian NMPM County Lea
Location 660 ft. N of S Line and 660 ft. E of W Line of Sec 12 Elevation 3404 DF
(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 [Signature]Date January 13, 1960Title District Superintendent

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

Commenced drilling 12-5-59, 19____ Finished drilling 12-16-59, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3597 to 3605 No. 4, from _____ to _____
No. 2, from 3627 to 3638 No. 5, from _____ to _____
No. 3, from 3644 to 3648 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>8 5/8</u>	<u>345</u>	<u>8</u>	<u>3-55</u>	<u>225</u>	<u>Calder</u>		<u>3597</u>	<u>3605</u>	<u>Oil</u>
<u>5 1/2</u>	<u>3850</u>	<u>8</u>	<u>3-55</u>	<u>275</u>	<u>Calder</u>		<u>3627</u>	<u>3638</u>	<u>Oil</u>
							<u>3644</u>	<u>3648</u>	<u>Oil</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 5/8</u>	<u>345</u>	<u>225</u>	<u>Pump & plug</u>		
<u>5 1/2</u>	<u>3850</u>	<u>275</u>	<u>Pump & plug</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 3850 feet, and from _____ feet to _____ feet

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

DATES

Put to producing December 30, 1959The production for the first 24 hours was 288 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 38

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller J. M. Darnell, Driller_____, Driller L. L. Foster, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1280</u>		<u>Surface caliche & Red Beds</u>
<u>1280</u>	<u>1440</u>		<u>Anhydrite</u>
<u>1440</u>	<u>2810</u>		<u>Salt</u>
<u>2810</u>	<u>2940</u>		<u>Dolo & Lime</u>
<u>2940</u>	<u>3230</u>		<u>Sand</u>
<u>3230</u>	<u>3586</u>		<u>Dolo w/sand stringers</u>
<u>3586</u>	<u>3722</u>		<u>Sand w/Dolo inclusions</u>
<u>3722</u>	<u>3760</u>		<u>Sand & Dolo</u>
<u>3760</u>	<u>3850</u>		<u>Sand & Dolo</u>

ED 3850, PB 3692, DF 11', elev 3404' DF, pay Queen 3597-3648, net effective
pay 23', deg Pt 5 1/2" at 3850', perf 3597-3605, 3627-38, 3644-48 W/4
JSPF. IP Flwd 72 Bbls 38 deg grav oil, 0 BW in 6 hours, 16/64" Chk, TP
400 lbs, CP 0 lbs, W/269 MCFPGPD, GOR 935, DOR 288 Bbls. Est daily allowable
36 BO. 3597-3648 TRTD W/1500 gals acid, 10,000 gals crude, 15,000 lbs sd,
500 lbs Addomite, 70 ball sealers. (3838-40 TRTD W/750 gals acid, 3816-24
TRTD W/500 gals acid, 3800-05, 3780-84 TRTD W/1000 gals acid w/11 ball
sealers, 3724-28 TRTD W/500 gals acid. These perfs plugged off W/CI BP
set at 3700 W/1 sack.). PL Conn Permian Oil Company. Drlg started
12-5-59, comp 12-16-59, TSTD 12-30-59. Tops: Rustler 1280, Salt 1440,
Tansill 2810, Yates 2940, Seven Rivers 3230, Queen 3586, Penrose 3722,
Grayburg 3760. Rig released 12-16-59.

Tops picked from electric log.

LOCATION RECORD—CONTINUED

0/3 USGS WAM Pan Am-Hobbs-3; Atlantic-Midland-2; Standard-Houston,
Midland 1 ea; file

