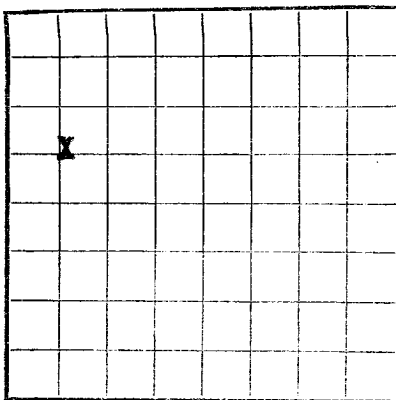


U. S. LAND OFFICE NM

SERIAL NUMBER 02791 A

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

New well

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box 68, Eunice, New Mexico
Lessor or Tract Payne Field El Mar Delaware State New Mexico
Well No. 9 Sec. 31 T. 26 R. 33 Meridian NMPM County Lea
Location 1935 ft. N of N Line and 330 ft. E of W Line of Sec 31 Elevation 3097' 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. ParkerDate May 20, 1960Title District Superintendent

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

Commenced drilling 4-20-60, 19 Finished drilling 4-29-60, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4639' to _____ 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—	
7 5/8	24#	8	N-40	330	Guide	_____	_____	_____	_____
4 1/2	9.5#	8	J-55	4760	Float	_____	_____	_____	_____

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7 5/8	341	175	Pump & plug		
4 1/2	4738	915	Pump & plug		

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 _____ feet to 4738 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing May 20, 1960, 19

The production for the first 24 hours was 111 barrels of fluid of which 23 % was oil; _____ %
emulsion; 77 % water; and _____ % sediment. Gravity, °Bé. 39

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. O. Cole, Driller D. G. Knott, Driller
J. W. Beevers, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	606		Surface caliche & Red Beds
606	1012		Anhydrite
1012	4372		Salt & Anhydrite
4372	4591		Anhydrite
4591	4631		Dela Lm
4631	4738		Dela Sd

TD 4738', PB 4665', KB 11', elev 3097' KB, pay Dela Sd 4639', net effective pay 1', Csg Pt 4 1/2" at 4738', perf 4639' w/8 holes by Collar Log. Tops: Rustler 606', Salt 1012', Base Salt 4372', Top Dela Lm 4591', Top Dela Sd 4631'. Log comparison: 4639' on Depth Control Log is 4637' Sonic, 4631' Core. IP Pmp 25 Bbls 40 deg grav oil, 86 BW in 24 hrs w/24 MCFGPD, GOR 1360, DOR 25 Bbls. Est daily allow 25 BO. (Acidized old perfs 4716-22' w/500 gals acid, fraced w/2000 gals crude, 3000 lbs Sd, 150 lbs Adomite. Set CI BP at 4675' w/1 sx). Acidized new perf 4639' w/250 gals acid, fraced w/2000 gals crude, 3000 lbs Sd, 100 lbs Adomite. PL Conn Cactus Petroleum, Inc. Drlg started 4-20-60, comp 4-29-60, rig released 4-29-60, TSTD 5-19-60.

Tops picked by electric log.

FROM—

TO—

TOTAL FEET

FORMATION

(OVER)

16-42004-4

