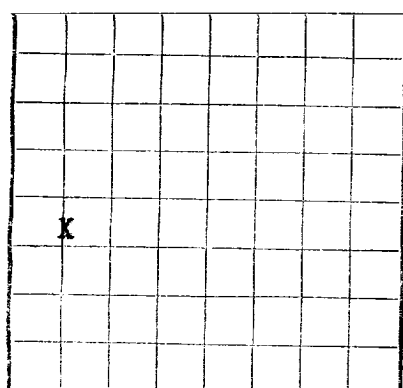


U. S. LAND OFFICE **Las Cruces**SERIAL NUMBER **030186 a**

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 Cline A-15 Field Langlie-Mattix State New Mexico
Well No. 3 Sec. 15 T. 23S. R. 37E. Meridian NMPM County Lea
Location 1980 ft. N. of S. Line and 660 ft. E. of W. Line of Sec 15 Elevation 3310 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

Date December 22, 1959Title District Superintendent

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

Commenced drilling 11-23-59, 19____ Finished drilling 12-4-59, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3555 to 3558 No. 4, from 3589 to 3594
No. 2, from 3576 to 3579 No. 5, from 3609 to 3612
No. 3, from 3582 to 3585 No. 6, from 3629 to 3634

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—	
8 5/8	24.5	New	H-40	358	Culda				
4 1/2	9.5	New	J-55	3674	Float		3555	3558	Oil
							3576	3579	Oil
							3582	3585	Oil
							3589	3594	Oil
							3609	3612	Oil
							3629	3634	Oil

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	372	250	Pump & plug		
4 1/2	3671	1000	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 3671 feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing December 9, 1959, 19____

The production for the first 24 hours was 234 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

W. B. Gray, Driller J. M. Barnell, Driller

L. L. Foster, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1085		Surface caliche & Red Beds
1085	1187		Anhydrite
1187	2462		Salt & Anhydrite
2462	2615		Anhydrite
2615	2882		Dolo & Sand
2882	3383		Dolo & Lime
3383	3497		Dolo
3497	3656		Dolo & Sand
3656	3671		Dolo

TD 3671 Dolo, DF 11', elev 3310' DF, pay Penrose 3555-3634, net effective pay 22', Csg Pt 4 1/2" at 3671, perf 3555-58, 3576-79, 3582-85, 3589-94, 3609-12, 3629-34 W/4 JSPP. IP Flwd 78 Bbls 38 deg grav oil, 0 BW in 8 hours, 18/64" chk, TP 600 lbs, CP 950 lbs W/137 MCFGPD, GOR 1756, DOR 234 Bbls. Est daily allow 36 BO. TRTD W/1000 gals acid, 10,000 gals crude, 15,000 lbs sand, 500 lbs Adomite, 30 ball sealers. FL Conn Permian Oil Company. Drlg started 11-23-59, comp 12-4-59, TSTD 12-9-59. Tops: Rustler 1085, Salt 1187, Base Salt 2462, Yates 2615, Seven Rivers 2882, Queen 3383, Penrose 3497, Grayburg 3656. Rig released 12-4-59.

Tops picked from electric log

