

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032326 (b)
LEASE OR PERMIT TO PROSPECT Lease

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company CONTINENTAL OIL COMPANY Address Box 00 - Hobbs, New Mexico
 Lessor or Tract Jack B-27 Field Matrix State New Mexico
 Well No. 5 Sec. 27 T. 24 R. 37 Meridian N.M.P.M. County Lea
 Location 1980 ft. N. of S Line and 660 ft. E. of W. of E Line of Sec. 27 Elevation 3213 GM
 (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 /s/ H. L. Johnston
Date October 19, 1939 Title District Supt.

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

Commenced drilling 9-9-39, 1939 Finished drilling 9-30-39, 1939

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3420 to 3525 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—	
10 3/4"	32.75	8	Nat'l	382'1"	TP				
7"	26.40	8	Std.	3356'3"	Cement guide shoe and				float collar
2"	4.70	8	Nat'l	3494'12"	Tubing set at 3494'				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	387	225	Halliburton		
7"	3326	900	Halliburton		

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
3 1/2"	Risonite	S.N.G.	240 qts.	10-1	3430-3525	
3 1/2"	Risonite	S.N.G.	425 qts.	10-3	3410-3525	

TOOLS USED

Rotary tools were used from 0 feet to 3525 feet, and from _____ feet to _____ feet

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

DATES

-----October 19, 1939-----, 19----- Put to producing -----October 16, 1939, 19-----

The production for the first 24 hours was -----72----- barrels of fluid of which 100% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours -----220,000----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

C. H. Huff, Driller
H. D. Wilson, Driller
N. E. Gilstrap, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

FROM-	TO-	TOTAL FEET	FORMATION
0	135	135	Caliche and surface sand
135	290	290	Redbed and shells
290	400	400	Redbed
400	690	690	Sand
690	788	788	Redrock
788	979	979	Redrock and shells
979	1000	1000	Redbed
1000	1103	1103	Redbed
1103	1283	1283	Anhydrite
1283	1340	1340	Anhydrite and salt
1340	1366	1366	Anhydrite
1366	2380	1366	Salt, anhydrite, and shells
2380	2506	2380	Anhydrite and salt
2506	2614	2506	Anhydrite
2614	2651	2614	Anhydrite and lime
2651	2749	2651	Anhydrite
2749	2781	2749	Lime
2781	3429	2781	Anhydrite
3429	3452	3429	Lime
3452	3535	3452	Broken lime
3535			Lime (T.D. derrick floor measurement which is 10' above ground level).
			T.D. 3525' ground measurement. Lime and sand pay 3420 to 3525'.
			Well was shot with 240 qts. SNG from 3430 to 3525 on 10-1-39 and with 425 qts. SNG from 3410 to 3525 on 10-3-39. Was not acidized. Well was cleaned out to bottom after shot and 2" tubing set at 3497'. Initial production 72 bbls. all in 24 hours thru 26/64" choke on 27" tubing with 220 NCF gas.
			Shell Pipe Line Company to run top allowable effective 10-16-39.
			All measurements, except derrick floor, are from ground level.
			<u>FORMATION TOPS</u>
			Top Salt 1000
			Red Sand 2360
			White Lime 2770
			Pay - 3420-3525