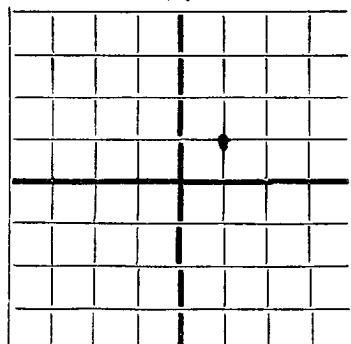


N. M. State B-5  
NM-109

Form SG-108

N.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## NEW MEXICO STATE LAND OFFICE

SANTA FE, NEW MEXICO

## DEPARTMENT OF THE STATE GEOLOGIST

## WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days  
after completion of well. Indicate questionable data by fol-  
lowing it with (?). Submit in duplicate.

Company Humble Oil & Refining Address Houston, Texas  
Send correspondence to Mr. R. C. Barbour Address P. O. Box W, Midland, Texas  
N. M. State B Well No. 5 in NE 1/4 of Sec. 29, T. 21 S,  
R. 36 E, N. M. P. M. Eunice, New Mexico Oil Field Lea County.  
If State land the oil and gas lease is No. \_\_\_\_\_ Assignment No. \_\_\_\_\_  
If patented land the owner is \_\_\_\_\_, Address \_\_\_\_\_  
The lessee is Humble Oil & Refining Co., Address Houston, Texas  
If not state or patented land, give status \_\_\_\_\_  
Drilling commenced 8/10, 1935. Drilling was completed 9/2, 1935  
Name of drilling contractor Drilled with Company Rig #94, Address Houston, Texas  
Elevation above sea level at top of casing 3640 feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_.

## OIL SANDS OR ZONES

No. 1, from 3850 to 3891 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	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
13-3/8	54.50	8	J&L	255'8"	TP	None	None		
7-5/8"	29.70	8	J&L	2962'0"	TP	None	None		
5-1/2"	17.00	10	J&L	3834'8"	TP	None	None		

## MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13-3/8"	274'2"	225	Halliburton	10.0#	90 tons used in
7-5/8"	2979'0"	725	"	10.5#	well
5-1/2"	3849'8"	150	"	10.6#	

## PLUGS AND ADAPTERS

Halliburton Two-Stage Tool  
~~274'2"~~ Length 2'8" Depth Set 1687'  
Adapters—Material \_\_\_\_\_ Size 275 sacks used in cementing 7-5/8" string  
below tool and 450 sacks used above tool.

## SHOOTING RECORD

SIZE	SHELL USED	EXPLOSIVE USED	QUANTITY	DATE	DEPTH SHOT	DEPTH CLEANED OUT

## TOOLS USED

Rotary tools were used from 0 feet to 3900 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing 9/7, 1935.  
The production of the first 24 hours was 169 barrels of fluid of which 99.8 % was oil; \_\_\_\_\_ %  
emulsion; \_\_\_\_\_ % water; and 2/10 % sediment. Gravity, Be \_\_\_\_\_  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

Delma Baucum, Driller W. A. Ward, Driller  
F. W. Ober, Driller E. Slayton, Driller

## FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work  
done on it so far as can be determined from available records.

Subscribed and sworn to before me this 16 Name R. C. Barbour  
day of September, 1935 Position Division Superintendent  
Nelson Lodge Representing Humble Oil & Refining Company  
Notary Public. Company or Operator.

My commission expires May 31, 1937

DUPLICATE

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	73	73	Sand and caliche
73	281	208	Sand and shells
281	290	9	Sandy red beds
290	427	137	Sand and shells
427	880	453	Red beds and shells
880	918	38	Red beds
918	1530	612	Red beds and shells
1530	1592	62	Red beds and anhydrite
1592	1669	77	Salt and anhydrite
1669	1689	20	Anhydrite
1689	1701	12	Salt
1701	1743	42	Anhydrite
1743	1754	11	Salt
1754	1763	9	Anhydrite
1763	1783	20	Salt
1783	1793	10	Anhydrite
1793	1879	86	Salt
1879	1897	18	Anhydrite
1897	1946	49	Salt
1946	1957	11	Anhydrite
1957	1984	27	Salt
1984	1991	7	Anhydrite
1991	2010	19	Salt
2010	2022	12	Anhydrite
2022	2225	3	Salt
2225	2243	18	Anhydrite
2243	2301	58	Salt
2301	2320	19	Anhydrite
2320	2416	96	Salt
2416	3433	17	Anhydrite
3433	2453	20	Salt
2453	2467	14	Anhydrite
2467	2623	156	Salt
2623	2733	110	Salt - streaks anhydrite
2733	2755	22	Anhydrite
2755	2857	102	Salt
2857	2886	29	Salt and red rock
2886	2896	10	Salt
2896	2928	32	Broken anhydrite
2928	3070	142	Anhydrite
3070	3124	54	Gypsum
3124	3373	249	Anhydrite
3373	3400	27	Lime, streaks anhydrite
3400	3637	237	Brown lime
3637	3695	58	Sandy lime
3695	3900	205	Brown lime - Total Depth.