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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED

MAY - 4 1951

OIL CONSERVATION COMMISSION
HOBBS-OFFICE

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Tide Water Associated Oil Company

State #28

Well No. 5 in NW/4 NW/4 of Sec. 15, T. 21-S

R. 37-E, N. M. P. M., Eare (Extension) Field, Lea County.

Well is 660 feet south of the North line and 4290 feet west of the East line of Sec. 15

If State land the oil and gas lease is No. 8-15644 Assignment No.

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is Tide Water Associated Oil Company Address Box 731, Tulsa 2, Okla.

Drilling commenced 2-13 1951 Drilling was completed 4-20 1951

Name of drilling contractor E. F. Moran, Inc. Address Hobbs, New Mexico

Elevation above sea level at top of casing 3448 feet.

The information given is to be kept confidential until Not Confidential 19

OIL SANDS OR ZONES

No. 1, from 7574 to 7800 No. 4, from to

No. 2, from 7953 to 8092 No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from None Logged to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
13-3/8	36	Slip-Joint Armes	280'	SP				
8-5/8	24	8-Bl. JAL	297'	Larkin				
5-1/2	15.5	8-Bl. ---	8147'	Larkin				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4	13-3/8	294	300	Halliburton	Natural Mud	
11	8-5/8	297'	2000	Halliburton	Natural Mud	
6-3/4	5-1/2	8147	500	Halliburton	9.1 lbs. per gal.	500 bbl. System

PLUGS AND ADAPTERS

Heaving plug--Material Length Depth Set

Adapters--Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Acid	500 Gal.	4-20-51	7910-60	

Results of shooting or chemical treatment Before treating the well flowed 8 Bbls. per hour.

After treating it flowed 10 Bbls of oil per hour

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 8148 feet, and from feet to feet.

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

PRODUCTION

Put to producing April 20 1951

The production of the first 24 hours was 308.37 barrels of fluid of which 100 % was oil; 0 %

emulsion; 0 % water; and 0 % sediment. Gravity, Be. 44.6

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

E. E. Lee Driller Piner Wardlow Driller

J. D. Starr 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

Hobbs, New Mexico 5-2-51

day of 1951

Name E. P. Shackelford

Position District Foreman

Notary Public

Representing Tide Water Associated Oil Company

My Commission expires

Address Drawer 22, Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	134	134	Gulches
134	1227	1093	Red Sand, Gravel, & Shells
1227	1550	323	Anhydrite and Shale
1550	2543	993	Anhydrite and Salt
2543	3240	697	Anhydrite and Gypsum
3240	3515	275	Anhydrite and Lime
3515	7331	3816	Lime
7331	7398	67	Lime & Green Shale
7398	7578	180	Lime
7578	7645	67	Lime & Shale
7645	7800	155	Sand & Shale
7800	7880	80	Lime, Shale, Sand
7880	8092	212	Salonite, Lime
8092	8130	38	Granite Wash
8130	8148	18	Granite

DEVIATION SURVEY

(All Measurements from Berriest Floor)

Station	Deviation (Degrees)
220	1/4
1250	1/8
1526	0
1800	1/4
2100	1/2
2358	1/2
2575	3/4
2861	3/4
3063	0
3515	1/4
3625	1/4
4016	3/4
4250	3/4
4378	3/4
4587	1-3/4
4647	1-3/4
4705	1-1/2
4764	1-1/2
4795	1-1/2
4885	1-1/2
4975	1-1/8
5006	1-3/4
5096	1-3/4
5120	2
5135	1-1/2
5246	1-3/4
5288	1-3/4
5318	1-1/2
5365	1-1/2
5400	1-3/4
5429	1-3/4
5464	-----
5490	1-1/2
5519	1-1/4
5585	1-1/4
5642	1-1/4
5704	1-1/4
5800	1-1/4
5848	1-1/4
5978	1-1/2
6055	1-3/4
6130	1-1/4
6220	1-1/2
6281	1-1/8
6330	1-1/4
6430	1-1/2
6522	1-1/4
6600	1-1/4
6670	1-1/2
6720	1-1/2
6790	1-1/2
6849	1-1/2
6921	1-1/4
7000	1-1/2
7053	1-1/2
7100	1-1/2
7233	1-1/4
7355	1-1/4
7412	1
7520	1-1/2
7624	1
7740	3/4
8148	1.2.

Orig. & 200 - OCC
loc - Tulsa
loc - Houston
loc - Midland
loc - Fife

RECORD OF DRILL STEM TESTS
State "S" No. 5, Lea County

- DST #1: 7606 - 7700; open 1 Hr. 13 Min., gas in 5 Min., mud in 11 Min., oil in 13 Min.; F. 62.22 DOPH; 5/8" BHC, 1" top; GOR 611; gravity 43.6; FP. 1300 - 1860, 15" SIP. 2700 psi.
- DST #2: 7704 - 7800; open 4 Hrs. and 12 Min., gas in 3 Min., mud in 12 Min., oil in 13 Min.; F. 21.65 DOPH for 4 Hrs.; 5/8" BHC, 1" top; GOR. 1028; gravity 40.8; FP. 850 - 1100 psi, 15" SIP. 2250 psi.
- DST #3: 7844 - 7880; open 45 Min., rec. 35' DM; FP. 100 - 180.
- DST #4: 8005 - 8148; open 3 Hrs., rec. 6650' oil; 5/8" BHC, 1" top; FP. 375 - 1250 psi; 15" SIP. 1550 psi.