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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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

Olsen Blount Oil Co.

Harner No. 1

Company or Operator

Lease

Well No. 1 in SW SE of Sec. 20, T. 25S

R. 37E, N. M. P. M., Langlie-Mattix Field, Lea County.

Well is 660 feet south of the North line and 1980 feet East of the West line of Section 20-25S-37E

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

If patented land the owner is W. E. Harner Address

If Government land the permittee is Address

The Lessee is Olsen Blount Oil Co. Address Jal, New Mexico

Drilling commenced 12-15-52 19 Drilling was completed 3-13-52 19

Name of drilling contractor Olsen Blount Drilling Co. Address Jal, New Mexico

Elevation above sea level at top of casing 3043 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3308' to 3324' No. 4, from to

No. 2, from to 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 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
10 3/4	32	8 rd	Natl	232'	HOWCO				Surface Casing
7	15.5	8 rd	Natl	3324'	HOWCO		3308	3324	Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13 3/4	10 3/4	232	300	HOWCO		
7 7/8	5 1/2	3350'	600	HOWCO		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters—Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHUHL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Mud Acid	500	2-2-52	3350-76	
		15% SLT Acid	2000	2-22-52	3350-76	
		15% SLT Acid	1000	3-6-52	3308-24	
		15% SLT Acid	2000	3-7-52	3308-24	
Results of shooting or chemical treatment						
3350'-76' water 3308'-24' Oil 65 BOPD						

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 290 feet to 3376' feet, and from feet to feet.

Cable tools were used from 0 feet to 290' feet, and from feet to feet.

PRODUCTION

Put to producing March 13, 1952

The production of the first 24 hours was 65 barrels of fluid of which 100 % was oil; %

emulsion: % water; and % sediment. Gravity, Be 28°

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Hamm Driller Ellis Driller

Lynch Driller 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.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
2520	2645	125	Brown limestone and anhy.
2645	2790	145	Brown, white, & tan limestone, gray sand, anhy.
2790	2980	190	White, tan dolomitic limestone, gray sand, anhy. shale
2980	3000	20	White tan dol. limestone, blue shale
3000	3035	35	White tan dol. limestone, gray sand, shale
3035	3065	30	White, tan dol. limestone, silty shale
3065	3145	80	Tan, white dol. limestone, sand
3145	3180	35	Tan, gray, white, dol. limestone, pyrite, sand
3180	3300	120	dol. limestone, sand, red beds, anhy.
3300	3376	76	Dol limestone, sand, shale
			<u>GEOLOGICAL TOPS</u>
			Anhy. 978
			Top 2582
			<u>DRILL STEM TEST</u>
			Drill Stem Test - 2877'-2935', 2-5-52 Tool open 2 hours, Gas in 30 minutes. Recovered 660' gas cut drilling mud 15 minute build up 580'
			Drill Stem Test 2960'-3048' 2-6-52 Tool open 2 hours, gas in 21 minutes. Recovered 350' gas cut drilling mud & water 15 minute build up pressure-769'
			Drill Stem Test - 3215'-3251' 2-14-52 Tool open 3 hours, gas in 3 minutes. Recovered 240' gas cut drilling mud. 15 minute build up pressure 620'
			Drill Stem Test - 3300' - 3377' 2-16-52 Open 1 1/2 hours, gas to surface in 4 minutes, recovered 1800' 1600' oil & gas cut mud 200' slightly oil & gas cut water Min. FP - 300' Max. FP - 375' 15 minute build up pressure 1250'