

AREA 640 ACRES
LOCATE WELL CORRECTLYNEW 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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Shell Oil Company, Incorporated Box 1457 Hobbs, New Mexico
Company or Operator Address
State New Mexico Well No. 2-A in NE/4 of Sec. 36 T. 24-S
Lease
R. 368 N. M. P. M. Langlie-Mattix Field, Lea County.
Well is 1980 feet south of the North line and 735 feet west of the East line of Sec. 36
If State land the oil and gas lease is No. 2-1167 Assignment No.
If patented land the owner is " Address "
If Government land the permittee is " Address "
The Lessee is Shell Oil Company, Incorporated Address Box 1457 Hobbs, New Mex.
Drilling commenced 1-3-49 19 Drilling was completed 1-29-49 19
Name of drilling contractor Company Tools Address
Elevation above sea level at top of casing 3255 feet.
The information given is to be kept confidential until Not confidential 19

OIL SANDS OR ZONES

No. 1, from 3375 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

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
8 5/8"	32#	8rd T	Rep.	354'	Texas pattern				water protection
		National & Pitts.							
5 1/2"	15.5#	8rd T	Ingston	3365'	Float				oil string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8 5/8"	365'	350	Pump & plug	10.0	
7 7/8"	5 1/2"	3375'	850	Pump & plug	11.0	

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
None						

Results of shooting or chemical treatment

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 3525 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing 2-6 1949
The production 2-13-49 (21 hrs.) was 73.11 barrels of fluid of which 81.8 % was oil; 0 % emulsion; 2 % water; and 16.2 % mud. Gravity, 34.8 deg.
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. 100 MCF G.O.R. = 1670

EMPLOYEES

B. L. Simmers, Sr. Driller M. L. Yow Driller
J. L. Mahan Driller G. B. Young Driller
J. A. Arnold

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 17th

day of February 1949

Hobbs, New Mexico February 17, 1949

Name Frank R. Lovering

Position District Superintendent

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
NO SAMPLES TAKEN ABOVE 1000 FEET			
1000	1115	115	Red Beds
1115	1240	125	Anhydrite
1240	2640	1400	Salt and anhydrite
2640	2690	50	Anhydrite
2690	2820	130	Brown dolomite and anhydrite
2820	3050	230	Sand and dolomite
3050	3375	325	dolomite w/ sand and anhydrite
3375	3525	150	porous oil stained dolomite w/streaks of sand.
SAMPLE TOPS:			
Anhydrite		1115 feet	
Top Salt		1240 "	
Base Salt		2640 "	
Top Brown Lime		2690 "	
Top Yates		2820 "	
Top Pay		3375 "	
Total depth		3525 "	
D.S.T. No. 1:	2822 - 2963'		5/8" bottom hole choke and variable top chokes. Tool open 40 minutes. Excellent air blow immediately. Gas to surface in 12 minutes. Gelled gas at rate of 2.9 MMCF/D. Recovered 2' of gas cut mud. Hydrostatic mud head equals 1700 p.s.i. FHP 900 to 600 p.s.i. 15 min SIMP equals 1150 p.s.i.
D.S.T. No. 2:	3368 - 3525'		5/8" x 1/2" chokes. Tool open 3 hours and 20 minutes. Gas to surface in 5 minutes. Fluid to surface in 40 minutes. Flowed 10.7 barrels fluid in 2 hours and 40 minutes. Recovered 630' (4.2 bbls) fluid w/ following average composition: 1.6 bbls. (33%) oil, 2.8 bbls (60%) slightly sulfurous salt water, 0.3 bbls (7%) SS. FHP 400 to 450 to 400 psi. 15 min SIMP 1000 p.s.i.