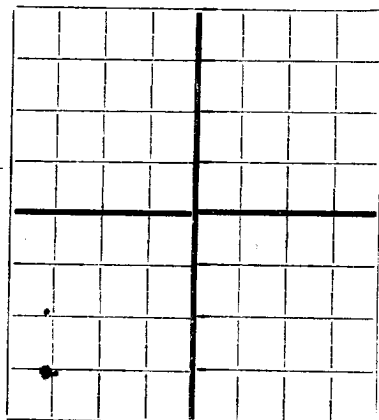


DUPLICATE

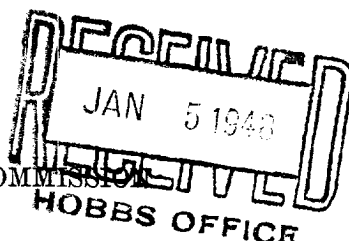
FORM C-105

N



AREA 640 ACRES
LOCATE WELL CORRECTLY

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. 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
S. J. Sarkeys Well No. 1 in SW/4 of Sec. 23, T. 21-S, R. 37-E
Lease
R. 37-E, N. M. P. M., Drinkard Field, Lea County.
Well is 4620 feet south of the North line and 4620 feet west of the East line of Sec. 23, T. 21-S, R. 37-E,
If State land the oil and gas lease is No. - Assignment No. Lea County, New Mexico
If patented land the owner is S. J. Sarkeys, Address -
If Government land the permittee is, Address -
The Lessee is Shell Oil Company, Incorporated, Address Box 1457 Hobbs, New Mexico
Drilling commenced 10-21 1947 Drilling was completed 12-24 1947
Name of drilling contractor Olson Drilling Company, Address Midland, Texas
Elevation above sea level at top of casing 3392 feet.
The information given is to be kept confidential until not confidential 19

OIL SANDS OR ZONES

No. 1, from 6367 to 6456 No. 4, from 6533 to 6574
No. 2, from 6456 to 6497 No. 5, from 6581 to T.D. 6603
No. 3, from 6497 to 6533 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	OUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
13 3/8"	32.4#	8rd	Naylor	209	Texas Pattern				Surface string
8 5/8"	32#	8rd	Pitts & Ingstrom	2868	Float				Salt string
5 1/2"	15.5#	8rd	Nat'l	6590	Float		6503	6520	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
17 1/2"	13 3/8"	223	200	Pump & Plug	9.0	
11"	8 5/8"	2881	1550	Pump & Plug	10.2	
7 7/8"	5 1/2"	6602	600	Pump & Plug	9.5	

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
Treated through perforations from 6503 to 6520 with 200 gallons acid in one stage.						

Results of shooting or chemical treatment 165 barrels oil per day through a 17/64-inch choke, cut 1/10" BS & W.

G.O.R. = 758

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 6603 feet, and from - feet to - feet
Cable tools were used from - feet to - feet, and from - feet to - feet

PRODUCTION

Put to producing 12-21 1947
The production of the first 24 hours was 165 barrels of fluid of which 99.9% was oil; 0% emulsion; .1% water; and 0% sediment. Gravity, Be. 40.4
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. G.O.R. = 758

EMPLOYEES

A. C. Turner, Driller Ted Tillson, Driller
A. Grant, Driller G. B. Riggs, 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 29th

day of December 1947

Notary Public

My Commission expires Sept. 6, 1950

Hobbs, New Mexico December 29, 1947

Name N. C. Brunner

Position District Superintendent

Representing Shell Oil Company, Incorporated
Company or Operator

Address Box 1457 Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
NO SAMPLES TAKEN ABOVE 6300 feet.			
6300	6367	67	Dolomite
6367	6603	236	Porous stained Dolomite. Slightly silty and anhydritic. Top Drinkard 6367 feet. By Schlumberger electrical survey, this 236 feet is sub divided into 5 zones as set forth on other side.
D.S.T. No. 1 6452 - 6540			5/8-inch bottom hole choke and 1-inch open top. Tool open 2 hours and 20 minutes. Fair air blow immediately. Sweet gas to surface in 5 minutes. Mud to surface in 8 minutes. Oil to surface in 30 minutes. After 45 minutes, gauged 13.75 barrels oil in next one hour. Gas at rate of 1,320 MCFPD. Gas oil ratio equals 4170. Gravity 39.8 degrees A.P.I. corrected. Flowing bottom hole pressure 600 to 750 p.s.i. Fifteen minute shut in bottom hole pressure 2500 p.s.i.
D.S.T. No. 2 6540 - 6575			5/8-inch bottom hole choke and 1/4-inch top choke. Tool open 2 hours and 45 minutes. Sweet gas to surface in 8 minutes. Flowed only gas for 2 hours and 37 minutes. Surface pressure 700 to 1200 p.s.i. Gas volume 458 MCFPD. Flowing bottom hole pressure 0 to 1400 p.s.i.
D.S.T. No. 3 6580 - 6603			5/8-inch bottom hole choke and 1-inch open top. Tool open 2 hours. Weak air blow throughout test. Recovered 20 feet (.08 bbls) mud with no shows oil, water or gas. Flowing bottom hole pressure equals 0 p.s.i. Fifteen minute shut in bottom hole pressure equals 0 p.s.i.