

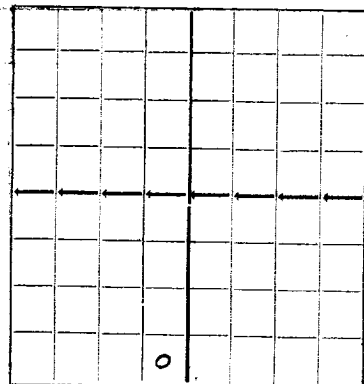
N.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

DUPLICATE

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Shell Petroleum Corporation

Hobbs, New Mexico

J. F. Black

Company or Operator

Well No. 3

in SW/4

21

Address

24-S

Lease

R. 37-E

N. M. P. M.

Mattix

Field,

Lea

County.

Well is 4950 feet south of the North line and 2970 feet west of the East line of Sec. 21

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

If patented land the owner is J. F. Black Address Jal, New Mexico

If Government land the permittee is Address

The Lessee is Shell Petroleum Corporation Address Box 2099-Houston, Tex.

Drilling commenced 8-27-1937 Drilling was completed 19

Name of drilling contractor McQueen & Stout Address Fort Worth, Texas

Elevation above sea level at top of casing 3231 feet.

The information given is to be kept confidential until Not Confidential 1937

OIL SANDS OR ZONES

No. 1, from 3455' to 3470'	No. 4, from to
No. 2, from 3495' to 3512'	No. 5, from to
No. 3, from 3525' to 3565'	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 545' to 580' feet.	HFW
No. 2, from 885' to 895' feet.	1/2 bailer per hour
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#	8		1470'				
7"	24#	10	Nat'l	3230'				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10"	8-5/8"	1470'	450	Halliburton	10.3 lb/gal	
8"	7"	3230'	100	"		

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

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 feet to feet, and from feet to feet

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

PRODUCTION

Put to producing 11-24-1937

The production of the first 24 hours was 37 barrels of fluid of which % was oil; % emulsion; % water; and 306 % sediment. Gravity, Be. 100

If gas well, cu. ft. per 24 hours Gallons gasoline per 39.3° API or 54° Fahr.

Rock pressure, lbs. per sq. in. 76,200

EMPLOYEES

Driller Harry Scott

Driller R. B. Jones

Driller Frank Eichinger

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 8 day of December, 1937

Notary Public

MY COMMISSION EXPIRES MAY 13, 1941

My Commission expires

Place Hobbs, New Mexico

Name

Position Dr. Kinney

Representing Dist. Sup't.

Company or Operator Shell Petroleum Corporation

Address Dr. 1457-Hobbs, N.M.

Date 12-8-37

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	25'		Caliche
25'	60'		Sand
60'	80'		Caliche
80'	110'		Sand
110'	545'		Red Beds
545'	580'		Sand
580'	665'		Red Beds
665'	670'		Sand
670'	1225'		Red & grey shale w/stks. sand
1225'	1370'		Anhydrite w/stks. red shale
1370'	1380'		Salt
1380'	1390'		Shale
1390'	1410'		Salt & Anhydrite
1410'	1420'		Anhydrite
1420'	1438'		Shale & salt
1438'	1475'		Anhydrite
1475'	1574'		Salt
1574'	1577'		Anhydrite
1577'	2585'		Salt w/stks. anhy. & red shale
2585'	2665'		Anhydrite
2665'	2735'		Brown Lime
2735'	2900'		Lime & Anhydrite
2900'	2934'		Lime
2934'	2985'		Sand & Sandy Shale
2985'	2987'		Grey Sandy Lime
2987'	3008'		Sandy Lime & Shale
3008'	3103'		Grey lime
3103'	3110'		Sand & Shale
3110'	3249'		Lime, hard Grey
3249'	3257'		Anhydrite w/stks. of Lime
3257'	3275'		White crystalline lime w/stks. anhydrite
3275'	3292'		Grey Sandy Lime
3292'	3377'		Grey & tan Crystalline Lime w/stks. anhy.
3377'	3415'		Crystalline Lime
3415'	3512'		Crystalline lime w/stks. sand & sdy. Ls.
3512'	3518'		Grey sdy. shale
3518'	3565'		Crystalline Ls. w/stks. sand & sdy. Ls.