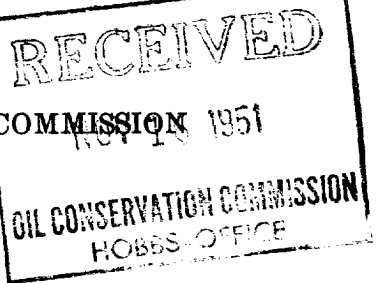


N. R-37-E

NEW MEXICO OIL CONSERVATION COMMISSION 1951

Santa Fe, New Mexico



21

S

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or 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

Shell Oil Company

State

Well No. 8 in Lot 12 of Sec. 2, T. 21-S

R. 37-E, N. M. P. M., North Brunson Field, Lea County.

Well is 3546 feet south of the North line and 4620 feet west of the East line of Sec. 2, T-21-S, R-37-E.

If State land the oil and gas lease is No. B-9745 Assignment No. --

If patented land the owner is --, Address --

If Government land the permittee is --, Address --

The Lessee is Shell Oil Company, Address Box 1957, Hobbs, New Mexico

Drilling commenced 9-16 1951 Drilling was completed 11-3 1951

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

Elevation above sea level at top of casing 3486 feet.

The information given is to be kept confidential until Not confidential 1951

OIL SANDS OR ZONES

No. 1, from 8020 to 8125 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
13 3/8"	48#	8R	National	205					Water string
8 5/8"	32#	28# 8R	J&L	3137	Baker				Salt string
5 1/2"	15.5#	17# 8R	Spang	503#	Baker				Oil String
Liner			National						
2 3/8"	4.7#	8R	--	8146	Hung	8151	8127	8143	Tabing 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
17 1/4"	13 3/8"	219	250	Pump & plug		
11"	8 5/8"	3149	2000	Pump & plug		
7 7/8"	5 1/2"	8018	875	Pump & plug		

PLUGS AND ADAPTERS

Heaving plug—Material -- Length -- Depth Set --

Adapters—Material -- Size --

RECORD OF ~~SHOOTING~~ CHEMICAL TREATMENT

SIZE	SHELL USED	SHOOTING CHEMICAL USED	QUANTITY	DATE	DEPTH TREATED	DEPTH CLEANED OUT
		15% LST	1000 gals.	11-7-51	8018-8156	

Results of shooting or chemical treatment In 9 1/2 hrs. flowed 156.75 bbls. oil thru 10/64" choke.

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 8156 feet, and from -- feet to -- feet.

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

PRODUCTION

Put to producing 11-7 1951

The production of the first 24 hours was 381.43 barrels of fluid of which 100 % was oil; -- %

emulsion; -- % water; and -- % sediment. Gravity, 43.7° API corrected

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

Rock pressure, lbs. per sq. in. GOR 897

EMPLOYEES

John I. Barnett, Driller J. D. Berry, Driller

C. H. Huff, 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.

Subscribed and sworn to before me this 14th

day of November, 1951

John A. Davis
Notary Public

My Commission expires Commission Expires Sept. 16, 1951

Hobbs, New Mexico 11-14-51

Place Date

Name J. D. Savage J. D. Savage

Position Division Exploitation Engineer

Representing Shell Oil Company

Company or Operator. Address Box 1957, Hobbs, New Mex.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
<u>SAMPLE LOG</u>			
0	6300	6300	No samples taken.
6300	6700	400	Dolomite
6700	6850	150	Dolomite & lime
6850	6910	60	Dolomite
6910	7520	565	Dolomite & lime
7520	7638	118	Shale & lime
7638	8020	382	Sand, shale & lime
8020	8125	105	Dolomite & sand
8125	8146	21	Granite wash
8146	8156	10	Granite
<u>TOPS BY SCHLUMBERGER:</u>			
Glorieta	5312	(-1814)	
Drinkard	6592	(-3094)	
McKee	7638	(-4140)	
Ellenburger	8020	(-4522)	
Granite Wash	8125	(-4627)	
Granite	8146	(-4648)	
<u>DST #1:</u>	7210-7480 (270' Wichita Dolomite)		Tool open 47 min. thru 5/8" BC & 1" TC on 3 1/2" DS. Faint air blow for 40 min. increasing to moderate last 7 min. of test. Packers failed after 40 min. Could not re-seat. Recovered 1110' (8.21 bbls.) drilling mud w/no shows. Chart indicated partial plugging during 1st 30 min. of test w/10 min. stable flow following. Last 7 min. indicated packer failure. HMH 3525 psi. FBHP 275 psi. to 2200 psi. No shut in BHP. Test considered satisfactory during 10 min.