

N.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DT

FORM

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Empire Gas and Fuel Company

State

Company or Operator

Lease

D

Well No. 2

in SWNE 1/4

of Sec. 32

T. 21

R. 36

N. M. P. M.

Sunset

Field,

Lea

County.

Well is 1980 feet south of the North line and 1980 feet west of the East line of Section 32-21-36

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

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is Empire Gas and Fuel Company Address Bartlesville, Oklahoma

Drilling commenced 10-17 1935 Drilling was completed 11-29 1935

Name of drilling contractor Oil Well Drilling Co. Address Dallas, Texas

Elevation above sea level at top of casing 3600 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3810 to 3910 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. 2, 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
12 1/2"	50	8		304				
9"OD	40	10		1605				
7"OD	24	10		3810				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	12 1/2"	304	125	Halliburton		
	9"OD	1605	725	"		
	7"OD	3810	150	"		

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
		Chemical	2000 gal.	11-25	3810-3910	
		Nitro	300 qts.	11-29	3832-3940	

Results of shooting or chemical treatment Treated with chemical with no result, after shooting well made 597 barrels in 14 hours.

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 3940 feet, and from feet to feet

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

PRODUCTION

Put to producing 12-16 35

The production of the first 14 hours was 597 barrels of fluid of which 99 % was oil; 1 % emulsion; % water; and % sediment. Gravity, Be

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

H. B. Long Driller John Rahm Driller
W. E. Beasley 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 3rd

Hobbs, New Mexico 12-5-35

day of December 1935

Name W. E. Beasley

Position District Clerk

Representing Empire Gas and Fuel Co.

My Commission expires 6-26-39

Address Hobbs, New Mexico

NEW MEXICO GEOLOGICAL SURVEY FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	320	320	Sand gravel and red bed
320	320	162	Red bed and red rock
482	700	218	Red rock and shale
700	800	100	Red rock and shells
800	828	28	Hard sand rock
828	891	63	Red rock and shells
891	994	103	Redbed and red rock
994	1076	82	Red rock shale and shells
1076	1510	434	Red rock and shells
1510	1521	11	Anhydrite and shells
1521	1576	55	Anhydrite shale and gyp.
1576	1609	33	Anhydrite and shells
1609	1630	21	Salt
1630	2477	847	Salt and anhydrite
2477	2558	81	Salt potash and anhydrite
2558	3021	463	Salt potash and anhydrite
3021	3041	20	Anhydrite and salt
3041	3130	89	Anhydrite and gyp
3130	3152	22	Anhydrite lime and gyp
3152	3173	21	Lime and streaks of gyp
3173	3198	25	Sandy lime anhydrite (show of gas)
3198	3223	25	Anhydrite and lime
3223	3256	33	Sandy lime and anhydrite
3256	3292	36	Gray sandy lime
3292	3391	99	Hard lime
3391	3484	93	Hard gray lime
3484	3810	26	Hard lime
3810	3819	9	Sand lime
3819	3828	9	Lime
3828	3910	82	Lime
3910	3940	30	Hard lime