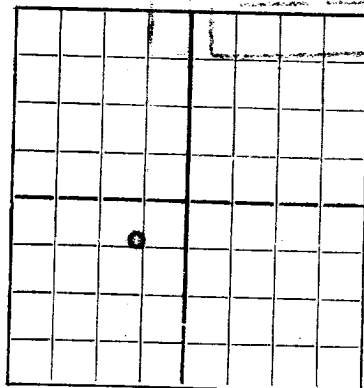


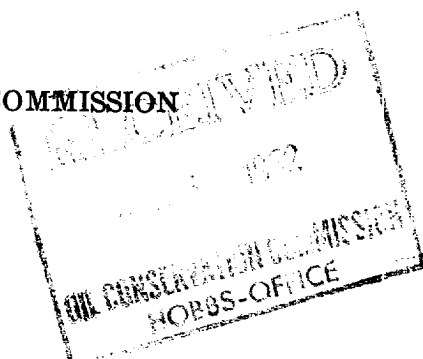
NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.



(J. R. Murray) Lea County Water Co.

J. W. Cooper

Company or Operator

Lease

Well No. 1 in NE 1/4 Sec. 22, T. 16S

R. 36E, N. M. P. M., Garrett Field, Lea County.

Well is 3300 feet south of the North line and 3300 feet west of the East line of Section 22

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

If patented land the owner is J. W. Cooper, Address Hobbs, N.M.

If Government land the permittee is, Address

The Lessee is The Texas Company, Address Ft. Worth, Texas

Drilling commenced January 12, 1952 Drilling was completed February 17, 1952

Name of drilling contractor Exploration Drilling Co., Address Tulsa, Okla.

Elevation above sea level at top of casing 3712 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 5318 to 5326 No. 4, from 5582 to 5592

No. 2, from 5332 to 5338 No. 5, from 5596 to 5606

No. 3, from 5568 to 5580 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#	8		279	T.P.				
5-1/2	14#	8		5219	Float				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8-5/8	289'	300	Plug	9.0	
7-7/8	5-1/2	5228'	200	Plug	9.2	

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
		Acid	2000 G	2/20/52	5560-5612	
		Acid	2000 G	2/27/52	5295-5351	
		Acid	5000 G	3/29/52	5545-5612	

Results of shooting or chemical treatment Increased oil from 1 bbl. per hour to 4 bbl./hr.

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 5612 feet, and from feet to feet.

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

PRODUCTION

Put to producing April 15, 1952

The production of the first 24 hours was 72 barrels of fluid of which 80% was oil; %

emulsion; 20% water; and % sediment. Gravity, Be 29

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Ed Seab ruin, Driller J. W. Flanagan, Driller

Charles Haire, 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 30

day of April, 1952

My Commission expires 10/24/55

Hobbs, New Mexico April 30, 1952

Name Charles V. Miller

Position Agent

Representing Lea County Water Co.

J. R. Murray, Company or Operator.

Address Hobbs, New Mexico.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40	40	Caliche
40	175	135	Caliche and sand
175	295	120	Sand and red beds
295	2120	1825	Red beds
2120	2660	540	Red beds and shale
2660	3060	400	Red beds and salt
3060	3276	216	Salt, anhydrite, gypsum
3276	3450	174	Anhydrite and gypsum
3450	3580	130	Anhydrite and shale
3580	3945	365	Anhydrite, gypsum, shale
3945	4245	300	Anhydrite and shale
4245	4433	188	Anhydrite and lime
4433	4490	57	Lime and shale
4490	4640	150	Anhydrite and lime
4640	4671	31	Lime and shale
4671	4767	96	Anhydrite and lime
4767	4803	36	Anhydrite, lime, shale
4803	4959	156	Anhydrite and lime
4959	5005	46	Chert, lime, anhydrite
5005	5051	46	Chert
5051	5068	17	Lime
5068	5079	11	Chert
5079	5112	33	Chert and lime
5112	5135	23	Chert
5135	5299	164	Chert and lime
5299	5422	123	Lime
5422	5434	12	Lime and anhydrite
5434	5453	19	Lime
5453	5468	15	Lime and anhydrite
5468	5522	54	Lime
5522	5564	42	Lime and gypsum
5564	5568	4	Lime
5568	5612	44	Lime and gypsum

DRILL STEM TESTS

D.S.T. 5290' - 5346' Open 1 hour. Recovered 60 feet slightly gas cut drilling mud. 30 minute bottom hole shut in pressure 40#

D.S.T. 5566' - 5612' Open 1½ hours. Recovered 240 feet mud plus 180 feet of drilling mud cut with sulphur water. 30 minute bottom hole shut in pressure 1625#.