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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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

The Texas Company

State

Company or Operator

Well No. **E-1** in **SW 1/4** of Sec. **1** Lease **20 S**R. **36 E**, N. M. P. M., **Monument** Field, **Lea** County.Well is **4620** feet south of the North line and **4620** feet west of the East line of **Section 1**If State land the oil and gas lease is No. **B-154** Assignment No. **- -**If patented land the owner is **- -** Address **- -**If Government land the permittee is **- -** Address **- -**The Lessee is **The Texas Company** Address **Box 2332, Houston, Texas**Drilling commenced **Sept. 19,** 19 **35** Drilling was completed **December 3,** 19 **35**Name of drilling contractor **Warren L. Todd Inc.** Address **Dallas, Texas**Elevation above sea level at top of casing **5566** feet, groundThe information given is to be kept confidential until **19**

OIL SANDS OR ZONES

No. 1, from 3810 to 3820	No. 4, from 3875 to 3890
No. 2, from 3820 to 3845	No. 5, from 3845 to 3875
No. 3, from 3845 to 3875	No. 6, from 3875 to 3890

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
1 1/2"	50#	8	Lapw.	257'	Tex. Pat.			
9-5/8"	40#	8	Smless	1169'	Baker			
7"	24#	10	"	2540'	Halliburton			
5"	18#	10	"	3795'	Baker			

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"	275'	240	Halliburton		
	9-5/8"	1187'	670	"		
	7"	2540'	250	"		
	5"	3795'	35	"		

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
		Dowell XX	2000	12-5-35	3890'	
		Acid	Gals.			

Results of shooting or chemical treatment **After running tubing well flowed 50 barrels oil by heads for one hour before dying. After acidizing well flowed at rate of 3,296 barrels oil and 1,788,000 cubic feet gas per 24 hours.**

RECORD OF DRILL-STEM AND SPECIAL TESTS

SEE OVER

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 **3890'** feet, and from **-** feet to **-** feet
Cable tools were used from **-** feet to **-** feet, and from **-** feet to **-** feet

PRODUCTION

Put **on** producing test **December 6,** 19 **35**
at rate of 24 hrs 3296
The production of the first 24 hours was **3296** barrels of fluid of which **99-7/10%** was oil; **3/10%** emulsion; **-** % water; and **-** % sediment. Gravity, Be **34.5**
If gas well, cu. ft. per 24 hours **-** Gallons gasoline per 1,000 cu. ft. of gas **-**
Rock pressure, lbs. per sq. in. **-**

EMPLOYEES

R. B. Brown, Driller **John Griffin**, Driller
J. J. Still, Driller **W. H. Fouche**, 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 **17th**day of **December**, 19 **35****W. E. Chapman****Wink, Texas, December 17, 1935**Name **W. E. Chapman**Position **Division Superintendent**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	200	200	R sh & G sd
200	575	375	Red shale
575	815	240	R & G sd & sdy sh
815	925	110	Red rock
925	945	20	Red rock, tr gyp & anhy
			TOP OF ANHYDRITE 945'
945	965	20	Red anhy
965	985	20	R salty sh & W anhy
985	1005	20	W anhy & Br lime
1005	1055	50	Anhydrite
1055	1080	25	Anhydrite, R sh & tr salt
			TOP MAIN SALT SECTION 1080'
1080	2265	1185	Salt section. Well blew out from air pocket at 1815' (First initial volume estimated at 300,000,000.)
			BASE SALT SECTION 2265'
2265	2370	105	Anhydrite
2370	2380	10	Anhydrite, some br lime
			1ST BR LIME 2370'
2380	3078	698	Br lime, W an & tr gray-green sd & bentonite
3078	3120	42	Anhydrite sd & br dolo
3120	3190	70	Br dolo, W an & tr sd
3190	3290	100	Anhydrite sd, br dolo & W anhy
			TOP MAIN LIME SECTION 3290'
3290	3420	130	Buff & W dolo, tr sd & selenite
3420	3430	10	Anhydritic & quartz sand
3430	3520	90	Light lime, tr sd & bentonite
3520	3700	180	Light crystalline dolomite
3700	3745	45	Light sandy crystalline dolomite
3745	3800	55	W & bluish crystalline dolomite
3800	3810	10	W & bluish crystalline dolomite, slight odor of oil.
			TOP OIL SATURATED ZONE AT 3810'
			PRODUCTION STRING CEMENTED AT 3810'
3810	3820	10	Buff crystalline por dolo OIL
3820	3845	25	Coarse crystalline por dolo OIL
3845	3875	30	Buff crystalline por dolo OIL
3875	3890	15	Coarsely crystalline por dolo OIL
	3890	3890	TOTAL DEPTH

RECORD OF DRILL-STEM AND SPECIAL TESTS

Two drill stem tests were made at intervals noted and with the following results:

DST #1: November 16, 1935 from 3389' to 3490'. Gas volume 425,100 cubic feet per day, no oil. Tool equipped with 5/8" choke was open 12 minutes.

DST #2: November 26, 1935 from 3772' to 3810'. Gas volume 75,000 cubic feet per day, no oil, and 180' drilling fluid. Tool equipped with 5/8" choke was open 20 minutes.