



AREA 640 ACRES
LOCATE WELL CORRECTLY

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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

The Texas Company
Company or Operator
W. C. Garrett
Well No. 1 in NE 1/4 SE 1/4 of Sec. 22, T. 16-S, R. 38-E, N. M. P. M. Unassigned, Lea County.
Well is 1980 feet North of the South line and 660 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 W. C. Garrett et ux, Address 106 S. Lea St. Roswell N.M.
If Government land the permittee is --, Address --
The Lessee is The Texas Company, Address Box 2332, Houston, Texas
Drilling commenced December 12, 1946, Drilling was completed April 9, 1947
Name of drilling contractor Sawyer Drilling Co., Address Tulsa Loan Bldg, Tulsa, Okla.
Elevation above sea level 3716 feet, Derrick Floor
The information given is to be kept confidential until --, 19 --

OIL SANDS OR ZONES

No. 1, from 5300 to 5690
No. 2, from -- to --
No. 3, from -- to --
No. 4, from -- to --
No. 5, 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		PURPOSE
							FROM	TO	
13-3/8"	48#	8Rd	Smls	273	Baker	Guide			
8-5/8"	28#	8Rd	Smls	2114	Baker	Guide			
5-1/2"	17#	8Rd	Smls	5565	Baker	Guide	5415-	5525	
	15.5#						5300	5400	

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	289	300	Halliburton		
11"	8-5/8	2112	150	Halliburton		
7-7/8"	5-1/2	5540	200	Halliburton		

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
17-1/4"	Chemical Process Co.		2000	2-20-47	5540-5690	
"	"	"	6000	2-21-47	5540-5690	
"	"	"	5000	3-13-47	5415-5525	
"	"	"	5000	3-17-47	5300-5400	

Results of shooting or chemical treatment After final stage of 5000 gallons on 3-17-47 well swabbed 1 bbl. oil per hour on 12hr. Test 3-18-47. On 3-27-47 well was put on pump and pumped 76 barrels oil and 10 barrels of water in 24 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 5760 PB to 5690 feet, and from -- feet to -- feet.
Cable tools were used from -- feet to -- feet, and from -- feet to -- feet.

PRODUCTION

Put to producing April 9, 1947
The production of the first 24 hours was 30 barrels of fluid of which 50% was oil; 50% emulsion; 50% water; and --% sediment. Gravity, Be. 27°
If gas well, cu. ft. per 24 hours -- Gallons gasoline per 1,000 cu. ft. of gas --
Rock pressure, lbs. per sq. in. -- GOR too small to measure

EMPLOYEES

C. H. Patterson, Driller P. S. Le Blanc, Driller
B. H. Gaston, 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 11th day of April, 1947, at Midland, Texas, April 11, 1947.
Name Elizabeth Frye, District Superintendent
Representing The Texas Company, Company or Operator
Address Box 1270, Midland, Texas
My Commission expires June 1, 1947

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	42	42	Surface Caliche
42	286	244	Caliche Sand & Red Beds
286	525	239	Red Rock
525	706	181	Red Rock & Shells
706	1660	954	Red Rock
1660	1720	60	Red Rock & Shale
1720	1810	90	Red Beds
1810	1885	75	Red Rock
1885	1910	25	Red Beds & Shale
1910	1977	67	Hard Sand
1977	2012	35	Red Beds
2012	2067	55	Red Rock
2067	2082	15	Gyp & Anhydrite
2082	2230	148	Anhydrite
2230	3220	990	Salt & Anhydrite
3220	3640	420	Gyp & Anhydrite
3640	3782	142	Salt & Anhydrite
3782	3852	70	Gyp & Anhydrite
3852	4552	700	Anhydrite
4552	4850	298	Anhydrite & Lime
4850	5300	450	Lime
5300	5760	460	Porous Lime
	5690		Plugged back Total Depth

Cores: 5310-5319; 5362-5370; 5370-5383; 5383-5386; 5494-5511; 5595-5613.

DST #1--With packer at 5175', tool open 2 hours, recovered 20' slightly gas cut mud & no trace of oil.

DST #2--With packer at 5280' tool open 2 hours with slight blow for 35 minutes and packer failed.

DST #3--With packer at 5273' tool open 2 hours, slight blow throughout and gas after 35 minutes. Recovered 65' drilling mud, slightly oil and gas cut in upper part on 15 minute pressure build up at end--No pressure.

DST #4--With packer at 5271', tool open 2 hours, slight blow for 5 minutes. Recovered 90' drilling mud--no show.

DST# 5--With packer at 5470', tool open 2 hours. Recovered 100' drilling mud--no show.

DST# 6--With packer at 5541', tool open 2 hours, recovered 490' drilling mud slightly oil & gas cut.

DST #7--With packer at 5608', tool open 2 hours, recovered 165' drilling mud--possibly water cut.

All measurements are from Rotary Table or 11' above ground.

Well was perforated from 5415-5525' with 6---1/2" holes per foot and from 5300-5400' with same amount of holes.

DEVIATION TESTS

Depth		Degree
500	-	3/4
1015	-	0
1500	-	1/2
2000	-	1/2
2500	-	1/2
3000	-	1/2
3500	-	1/2
4000	-	1
4500	-	1
4990	-	1/4