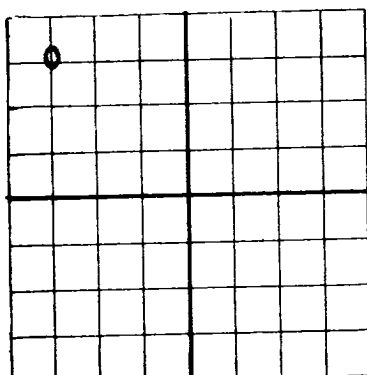
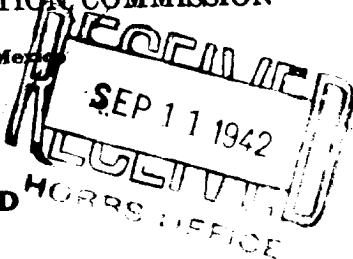


N

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 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.

The Texas Company

Box 1720, Fort Worth, Texas

Company or Operator
St. of N.M. "AE" Well No. 1 in NW 1/4 of Sec. 12, T. 18 S, R. 34 E
Lease
R. 34 E N. M. P. M. Vacuum Field, East West Lea County.
Well is 660 feet south of the North line and 660 feet ~~WEST~~ of the ~~WEST~~ line. Sec. 12, T-18-S, R-34-E
If State land the oil and gas lease is No. B-1258 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 2-4-42 19 Drilling was completed 4-28-42 19
Name of drilling contractor American Drilling Corp. Address Hobbs, New Mexico
Elevation above sea level at ~~top of casing~~ derrick floor 4001 feet.
The information given is to be kept confidential until ----- 19

OIL SANDS OR ZONES

No. 1, from 4695 to 4730 No. 4, from ----- to -----
No. 2, from 4800 to 5145 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		PURPOSE
							FROM	TO	
8-5/8"	28#	8-V	LW	835'	Halliburton				
5-1/2"	17#	8-R	Smls.	4244'	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
	8-5/8"	825'	300	Halliburton		
	5-1/2"	4222'	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
		Nitroglycerine				
		(EL-357)	850 qts.	4-11-42	4800'-5140'	5145'

Results of shooting or chemical treatment -----

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 5194 feet, and from ----- feet to ----- feet
Cable tools were used from ----- feet to ----- feet, and from ----- feet to ----- feet

PRODUCTION

Put to producing 4-28-42 19
The production of the first 3 hours was 10.33 barrels of fluid of which 80 % was oil; ----- %
emulsion; 20 % water; and ----- % sediment. Gravity, Be 31.2
If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas -----
Rock pressure, lbs. per sq. in. -----

EMPLOYEES

Pete Green Driller Perry T. Bower Driller
H. E. Kemnitz Driller A. D. Finley 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 10th day of SEPTEMBER 1942
Place Midland, Texas Date 9-10-42
Name L. F. SHIPLET
Notary Public

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	55	55	Caliche & Surface Sand
55	220	165	Sand & Shells
220	1150	930	Red Beds
1150	1220	70	Red Rock & Shale
1220	1660	440	Red Rock
1660	1850	190	Anhydrite
1850	2140	290	Anhydrite & Salt
2140	2290	150	Salt
2290	2490	200	Anhydrite & Salt
2490	2620	130	Salt
2620	2805	185	Anhydrite & Salt
2805	3790	985	Anhydrite
3790	4221	431	Anhydrite & Lime
4221	4695	474	Lime (Top of Pay @ 4695')
4695	4730	35	Sandy Lime (Porous)
4730	4800	70	Lime
4800	4989	169	Sandy Lime
4969	5000	31	Sand & Lime
5000	5015	15	Lime
5015	5056	41	Sand & Lime
5056	5069	13	Lime
5069	5095	26	Sand & Lime
5095	5119	24	Hard Lime
5119	5145	26	Hard lime and Sand
5145	5194	49	Hard Grey Lime
	5194	5194	Total Depth

SUPPLEMENTAL HISTORY OF WELL:

This well was shot on 4-11-42 with 850 quarts of nitroglycerine (EL-357) from 1800' to 5140'. The shot was tamped with 2-1/2 yards of gravel.

Before shooting the well filled up 300' in 12 hours after being swabbed down. After shooting and cleaning out to 5140' with Rotary Tools, tubing was run and the well produced 8-1/4 barrels of oil plus 2 barrels of salt water in 3 hours swabbing on 4-28-42. On 5-7-42, the well produced 10 barrels of oil in 1 hour flowing and died. The casing pressure had dropped from 1000# to 500# while flowing.

On 5-15-42, after securing and installing pumping equipment, the well pumped up but failed to make any production due to sand caving in around the pump. Raising the pump did not help as the hole continued to fill up with sand.

Due to severe caving conditions causing several long fishing jobs, this well was not cleaned out to 5145' with Cable Tools until September 6, 1942. Tubing was run to 5100', and the well pumped 16 barrels of oil plus 5 barrels of water in 24 hours on 9-8-42.

DEVIATION TESTS

250' - 1/4°	2225' - 1/4°
500' - 3/4°	2560' - 3/4°
850' - 1°	2750' - 1°
1270' - 2°	2985' - 3/4°
1520' - 3/4°	3275' - 1/2°
1760' - 1°	3510' - 1-1/4°
2070' - 3/4°	3830' - 1-3/4°
	4165' - 2°