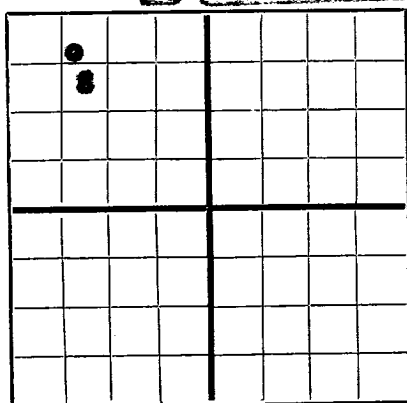


DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

MAY 3 1948

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New MexicoAREA 640 ACRES  
LOCATE WELL CORRECTLY

## 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.

**Amarada Petroleum Corporation** Box 2040, Tulsa 2, Oklahoma  
Company or Operator Address  
**H. F. Andrews** Well No. **8** in **Sec. 12** of Sect. **203**, T. **203**  
Lease  
R. **36E**, N. M. P. M., **Monument** Field, **Lea** County.  
Well is **589** feet south of the North line and **4549** feet west of the East line of **Sec. 12-203-36E**  
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 **Amarada Petroleum Corporation** Address **Box 2040, Tulsa 2, Oklahoma**  
Drilling commenced **September 11, 1947** Drilling was completed **April 27, 1948**  
Name of drilling contractor **Two States Drilling Co.** Address **Dallas 1, Texas**  
Elevation above sea level at top of casing **3566** feet.  
The information given is to be kept confidential until **not confidential** 19

## OIL SANDS OR ZONES

No. 1, from **3740'** to **3743' (Perforations)** 4, from to  
No. 2, from **3875'** to **3883' (Perforations)** 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	
20"	86 1/2	Vict	LM	177'	Armo				
13-3/8"	68 & 48	8-RT	Sals	2324'	Float				
8-5/8"	36 & 32	8-RT	Sals	5176'	Float		3740'	3743'	Make oil well
						and	3875'	3883'	Make oil well
5-1/2"	17 1/2	8-RT	Sals	8646'	Float	Shot off at 7517' and pulled 192 jts.			

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
24"	20"	177'	225	Halliburton		
17-1/2"	13-3/8"	2324'	2500	Halliburton		
11"	8-5/8"	5176'	1000	Halliburton		
7-3/4"	5-1/2"	8646'	100	Halliburton		

## PLUGS AND ADAPTERS

Plugs — Material **2 1/2" RHE x 8-5/8" Oilbore** Length **Rootwall** Depth **set swinging 3743'**  
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
		<b>Dowell 15% Low Tension</b>	<b>500 gals.</b>	<b>4-23-48</b>	<b>3875'-3883'</b>	
		<b>Dowell XL-15%</b>	<b>250 gals.</b>	<b>4-26-48</b>	<b>3740'-3743'</b>	
		<b>Nitroglycerin</b>	<b>160 qts.</b>	<b>4-13-48</b>	<b>5200'-5250'</b>	<b>5200'-5250'</b>

Results of shooting or chemical treatment **In 24 hrs. on 1 1/2" choke well flowed 400.21 bbls. fluid, 288.5, 6% water, oil 360.19 bbls. Gravity 33.2 corrected. Gas 217,000 cu. ft. per day. Gas-Oil-Ratio 602**

## RECORD OF DRILL-STEM AND SPECIAL TESTS

See attached sheets, **Ran Schlumberger Survey and Lane Wells Gamma Ray Survey.**  
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 **10827'** feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

## PRODUCTION

Put to producing **April 26, 1948**  
The production of the first 24 hours was **400.21** barrels of fluid of which **90** % was oil; %  
emulsion; **8** % water; and **2** % sediment. Gravity, Be. **33.2 corrected**  
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. H. Schwartz**, Driller **F. E. Seager**, Driller  
**E. L. Coppedge**, 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 **29th****Monument, New Mexico** **April 29, 1948**  
Place Dateday of **April**, 19 **48**Name **Don Tapp**Position **Asst. Dist. Supt.**Representing **Amarada Petroleum Corporation**  
Company or OperatorMy Commission expires **March 29, 1952**Address **Drawer D, Monument, New Mexico**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	45'	45'	Caliche
45'	100'	55'	Water Sand
100'	184'	84'	Red Bed
184'	190'	6'	Red Bed
190'	335'	145'	Red Bed and Rock
335'	556'	221'	Red Bed and Shells
556'	820'	264'	Red Bed
820'	900'	80'	Red Bed & Anhydrite Streaks
900'	905'	5'	Red Bed and Shells
905'	930'	25'	Red Bed
930'	1062'	132'	Anhydrite
1062'	1144'	82'	Anhydrite and Salt Streaks
1144'	1234'	90'	Anhydrite and Salt
1234'	1255'	21'	Salt
1255'	2290'	1035'	Salt and Anhydrite
2290'	2359'	69'	Anhydrite
2359'	2514'	155'	Anhydrite
2514'	2592'	78'	Anhydrite & Gyp
2592'	2720'	128'	Anhydrite and Shale
2720'	2783'	63'	Anhydrite and Lime
2783'	2790'	7'	Brown Lime
2790'	2840'	50'	Brown Lime
2840'	2860'	20'	Anhydrite and Gyp
2860'	3014'	154'	Lime and Anhydrite
3014'	3018'	4'	Lime
3018'	3113'	95'	Sandy Lime
3113'	3150'	37'	Lime
3150'	3183'	33'	Salty Lime
3183'	3270'	87'	Lime and Shale
3270'	3330'	60'	Lime
3330'	3350'	20'	Lime and Sand
3350'	3498'	345'	Lime
3498'	3718'	20'	Lime and Sand
3718'	3749'	31'	Lime and Streaks of Sand
3749'	3780'	31'	Lime (Gas Odor)
3780'	3851'	71'	Lime and Sand (Oil Odor)
3851'	3910'	59'	Lime & Sand (Gas Odor)
3910'	3932'	22'	Lime and Sand
3932'	4177'	245'	Lime
4177'	4215'	18'	Lime and Gypsum
4215'	4216'	21'	Lime
4216'	4255'	39'	Lime and Gypsum
4255'	4660'	405'	Lime
4660'	4680'	20'	Chalky Lime
4680'	4687'	7'	Hard Lime
4687'	5176'	489'	Lime
5176'	5266'	90'	Lime
5266'	5279'	13'	Lime w/ odor of oil
5279'	5646'	367'	Lime
5646'	5664'	18'	Lime w/ light gas odor
5664'	5675'	11'	Lime w/ oil odor
5675'	5742'	67'	Lime
5742'	5841'	99'	Lime
5841'	5928'	79'	Broken Lime
5928'	6285'	285'	Lime
6285'	6290'	25'	Lime w/ odor of gas
6290'	6294'	55'	Lime
6294'	6912'	627'	Lime
6912'	7075'	163'	Lime
7075'	7101'	26'	Lime
7101'	7225'	124'	Lime
7225'	7444'	219'	Lime
7444'	7462'	18'	Lime and Green Shale
7462'	7774'	312'	Lime
7774'	7779'	5'	Lime w/ oil odor
7779'	7806'	27'	Lime
7806'	7828'	22'	Lime and Shale
7828'	7875'	47'	Lime
7875'	7887'	12'	Lime and Chert
7887'	7908'	21'	Lime and Chert Streaks
7908'	7913'	5'	Lime and Chert
7913'	7940'	27'	Lime and Chert Streaks
7940'	7952'	12'	Lime and Chert
7952'	7971'	19'	Lime and Shale
7971'	7981'	10'	Lime
7981'	8001'	20'	Lime
8001'	8386'	385'	Lime
8386'	8403'	17'	Lime and Chert
8403'	8418'	15'	Lime and Shale
8418'	8428'	10'	Lime
8428'	8436'	8'	Lime and Chert
8436'	8443'	7'	Lime & Chert Streaks
8443'	8489'	46'	Lime and Chert
8489'	8496'	7'	Lime
8496'	8506'	10'	Lime and Chert Streaks
8506'	8516'	10'	Lime and Chert
8516'	8522'	6'	Lime
8522'	8534'	12'	Black Shale
8534'	8556'	22'	Lime and Shale
8556'	8561'	5'	Sand
8561'	8570'	9'	Shale
8570'	8601'	31'	Lime
8601'	8621'	20'	Lime
8621'	8690'	69'	Lime
8690'	8785'	95'	Lime
8785'	8935'	150'	Lime
8935'	8948'	13'	Lime and Shale
8948'	9232'	284'	Lime
9232'	9247'	15'	Broken Lime
9247'	10038'	791'	Lime
10038'	10050'	12'	Brown Lime
10050'	10053'	3'	Lime
10053'	10068'	15'	Shale and Brown Lime
10068'	10083'	15'	Lime and Shale
10083'	10165'	82'	Lime and Chert
10165'	10176'	11'	Lime
10176'	10234'	58'	Lime and Chert
10234'	10391'	157'	Lime
10391'	10465'	74'	Lime and Shale
10465'	10472'	7'	Lime
10472'	10590'	118'	Lime and Shale
10590'	10612'	22'	Lime and Shale
10612'	10641'	29'	Brown Lime and Shale
10641'	10651'	10'	Lime and Shale
10651'	10701'	50'	Sand and Shale