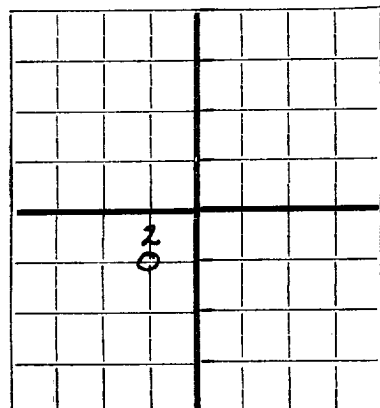


N

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 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.

Amerada Petroleum Corporation **Drawer D, Monument, New Mexico**
Company or Operator Address
State **DA** Well No. **2** in **NE 1/4 SW 1/4** of Sec. **16**, T. **21S**
Lease
R. **37E**, N. M. P. M., **Drinkard** Field, **Lea** County.
Well is **3300** feet south of the North line and **3300** feet west of the East line of **Sec. 16-21S-37E**
If State land the oil and gas lease is No. **B-85** Assignment No. _____
If patented land the owner is _____, Address _____
If Government land the permittee is _____, Address _____
The Lessee is **Amerada Petroleum Corporation**, Address **Box 2040, Tulsa, 2, Okla.**
Drilling commenced **May 14, 1947** Drilling was completed **June 24, 1947**
Name of drilling contractor **McVay & Stafford**, Address **Tulsa, Oklahoma**
Elevation above sea level at top of casing **3454'** feet.
The information given is to be kept confidential until **Not Confidential** 19____

OIL SANDS OR ZONES

No. 1, from **6600** to **6648** No. 4, from _____ to _____
No. 2, from _____ to _____ 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	
13 3/8"	36	Slip Joint	Armco	214'	Regular				
8 5/8"	32	LW & Sme	LW & Sme	2815'	Float Shoe				
5 1/2"	15.5	8	Sme	6654'	Float Shoe		6600	6648	Make oil well

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2"	13 3/8"	214'	200	Halliburton		
11"	8 5/8"	2815'	1200	Halliburton		
7 3/8"	5 1/2"	6654'	500	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
		Mud Acid	250 Gals	6-25-47	6623-48	
		Dowell Acid	1000 Gals	6-29-47	6600-48	

Results of shooting or chemical treatment **Would not flow after first acid treatment, after second treatment flowed 96.87 barrels oil in 13 hours 1/4" Positive choke, gas volume 119,700 cu ft. Gas -Oil-Ratio 736**

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.

No Drill Stem Tests, Ran Schlumberger Survey

Rotary tools were used from **0** feet to **6654** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **June 25, 1947**
The production of the first **200** hours was **96.87** barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be. **35.8**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

C. H. Patterson, Driller **F. N. Haase**, Driller
W. W. Huddleston, 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 **2**day of **July**, 19 **47****Will Hail Taylor**

Notary Public

My Commission Expires May 9, 1948

Monument, New Mexico **July 2, 1947**

Place

Date

Name **Low, J. J.**Position **Asst. Dist. Supt.**Representing **Amerada Pet. Corp.**

Company or Operator

Address **Drawer D, Monument, New Mexico.**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	181'	181'	Surface
181'	224'	43'	Red Bed
224'	990'	766'	Red Bed and Shale
990'	1162'	172'	Red Bed and Sand
1162'	1192'	30'	Red Bed
1192'	1227'	35'	Red Bed and Anhydrite Streaks
1227'	1440'	213'	Anhydrite
1440'	1605'	165'	Anhydrite and Red Bed
1605'	2030'	425'	Salt and Anhydrite
2030'	2345'	305'	Salt
2345'	2470'	125'	Salt and Anhydrite
2470'	2602'	132'	Anhydrite, Salt and Gypsum
2602'	2650'	48'	Anhydrite and Gypsum
2650'	2784'	134'	Anhydrite, Gypsum and Lime
2784'	2820'	36'	Gypsum and Lime
2820'	2961'	141'	Lime and Sypsum
2961'	3055'	94'	Gypsum and Lime
3055'	3390'	335'	Gypsum and Lime
3390'	3542'	152'	Lime and Shale
3542'	3897'	355'	Lime
3897'	4170'	273'	Broken Lime
4170'	4270'	100'	Sandy Lime
4270'	4380'	110'	Broken Lime
4380'	4499'	119'	Lime
4499'	4695'	196'	Broken Lime
4695'	4710'	15'	Lime
4710'	4811'	101'	Lime and Gypsum
4811'	5264'	453'	Lime
5264'	5486'	222'	Broken Lime
5486'	5713'	227'	Lime
5713'	5796'	83'	Lime and Gypsum
5796'	6551'	755'	Lime
6551'	6577'	26'	Broken Lime
6577'	6635'	58'	Lime
6635'	6654'	19'	Broken Lime
6654'			Total Depth
6651'			Drilled out depth
			<u>SLOPE TESTS</u>
			190' Straight
			300' $\frac{1}{2}$ degree
			574' Straight
			909' Straight
			1215' Straight
			1457' Straight
			1737' $\frac{1}{2}$ degree
			2071' $\frac{1}{2}$ degree
			2375' Straight
			2709' Straight
			2800' $\frac{1}{2}$ degree
			2943' Straight
			3115' $\frac{1}{2}$ degree
			4372' $\frac{1}{2}$ degree
			3750' degree
			4372' degree
			4630' degree
			4886' Straight
			5314' $\frac{1}{2}$ degree
			5680' 1 degree
			6384' $\frac{1}{4}$ degree
			6564' $\frac{1}{4}$ degree
			<u>GEOLOGICAL TOPS</u>
			Elevation Derrick Floor 3465'
			Elevation Ground 3454'
			Base Red Bed 1230'
			Top of Salt 1330'
			Top Cowden Anhydrite 2285'
			Base of Salt 2470'
			Zone 1 (Yates) 2660'
			Top of Eunice Lime 2730'
			Top of Monument Lime 2770'
			Base San Andres 5150'
			Top Clear Fork 5620'
			Top of Tubbs 6110'
			Pay 6648'
			Total Depth 6654'
			Drilled out depth 6651'