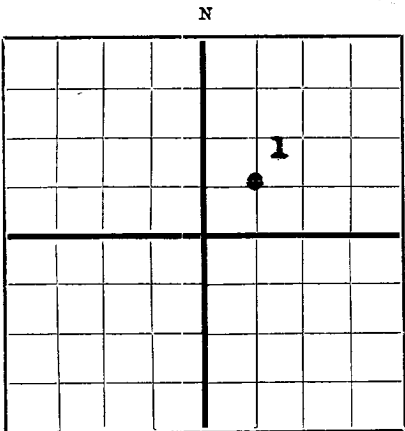




NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

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.

Amerada Petroleum Corporation Box 2040, Tulsa 2, Oklahoma
Company or Operator Address
J. G. Randle Well No. **1** in **SW 1/4 NE 1/4** of Sec. **20**, T. **21S**
Lease
R. **37E**, N. M. P. M. **Drinkard** Field, **Lea** County.
Well is **1980** feet south of the North line and **1980** feet west of the East line of **Sec. #20-21S-37E**
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 **Amerada Petroleum Corporation** Address **Box 2040, Tulsa 2, Oklahoma**
Drilling commenced **December 10,** 19 **47** Drilling was completed **April 16,** 19 **48**
Name of drilling contractor **McVay & Stafford Drilling Co.** Address **Tulsa, Oklahoma**
Elevation above sea level at top of casing **3495'** feet.
The information given is to be kept confidential until **Not confidential** 19

OIL SANDS OR ZONES

No. 1, from **6520'** to **6590' (perforations)** No. 4, from to
No. 2, from **6605'** to **6645' (perforations)** 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"	40#	8-VT	LW&SS	228'	TexPat				
8-5/8"	28 & 32	8-RT	Smls	2871'	Float				
5-1/2"	17	8-RT	Smls	7550'	Float		6520'	6590'	Make oil well
							6605'	6645'	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
17-1/4"	13"	228'	200	Halliburton		
11"	8-5/8"	2871'	1550	Halliburton		
7-3/8"	5-1/2"	7550'	650	Halliburton		

PLUGS AND ADAPTERS

Packer
~~Material~~ Material **Guiberson Hookwall** Length **2" EUE x 5 1/2"** Depth Set **6443'**
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
		15% Low Tension Acid	1000 gals.	4-11-48	6520'-6590'	and 6605'-6645'
		15% Low Tension Acid	3000 gals.	4-12-48	6520'-6590'	and 6605'-6645'
		15% Low Tension Acid	8000 gals.	4-13-48	6520'-6590'	and 6605'-6645'

Results of shooting or chemical treatment. **In 24 hours on 12/64" choke well flowed 52.46 bbls. oil, 2/10%BS&W, gravity 39.2 corrected. Gas volume 16,840 cu.ft. per day, Gas-Oil-Ratio 321**

RECORD OF DRILL-STEM AND SPECIAL TESTS

Ran Schlumberger Survey. See attached sheets for Drill Stem 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 **8950'** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **April 16,** 19 **48**
The production of the first 24 hours was **52.46** barrels of fluid of which **100** % was oil; % emulsion; % water; and % sediment. Gravity, Be. **39.2 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

C. H. Patterson, Driller **Guy Marker**, Driller
J. N. Grisham, 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 **23rd**, **Monument, New Mexico** **April 23, 1948**
day of **April**, 19 **48** Place Date
Name **Will Hale Taylor**
Position **Asst. Dist. Supt.**
Representing **Amerada Petroleum Corporation**
Company or Operator
My Commission expires Address **Drawer D, Monument, New Mexico**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	100'	100'	Surface Sand & Caliche
100'	235'	135'	Shells
235'	720'	485'	Red Bed and Rock
720'	1292'	572'	Red Bed and Shells
1292'	1375'	83'	Anhydrite
1375'	1740'	365'	Salt and Anhydrite
1740'	1860'	120'	Anhydrite and Potash
1860'	1958'	98'	Salt
1958'	2468'	510'	Salt and Anhydrite.
2468'	2482'	14'	Salt
2482'	2641'	159'	Anhydrite
2641'	2706'	65'	Anhydrite and Lime Stringers
2706'	2750'	44'	Anhydrite and Gypsum
2750'	2810'	60'	Anhydrite and Shale
2810'	2845'	35'	Anhydrite and Lime
2845'	2880'	35'	Lime
2880'	3470'	590'	Lime
3470'	3524'	54'	Lime and Gyp
3524'	3620'	96'	Lime
3620'	3650'	30'	Lime and Gyp
3650'	4000'	350'	Lime
4000'	4025'	25'	Lime and Shale
4025'	5260'	1235'	Lime
5260'	5310'	50'	Lime
5310'	5576'	266'	Lime
5576'	5588'	12'	Green Shale
5588'	6268'	680'	Lime
6268'	6298'	30'	Lime and Shale
6298'	6670'	372'	Lime
6670'	6690'	20'	Lime
6690'	6710'	20'	Lime
6710'	6717'	7'	Lime
6717'	7327'	610'	Lime
7327'	7388'	61'	Lime
7388'	7472'	84'	Lime
7472'	7480'	8'	Lime and Chert
7480'	7485'	5'	Lime
7485'	7505'	20'	Lime
7505'	7555'	50'	Lime
7555'	7674'	119'	Lime
7674'	7803'	129'	Lime
7803'	7832'	29'	Lime and Chert
7832'	7843'	11'	Lime
7843'	7920'	77'	Lime and Chert
7920'	7931'	11'	Lime
7931'	7983'	52'	Lime and Chert
7983'	8004'	21'	Lime
8004'	8020'	16'	Lime and Chert
8020'	8041'	21'	Lime
8041'	8056'	15'	Sandy Lime
8056'	8090'	34'	Lime
8090'	8103'	13'	Lime and Green Shale
8103'	8121'	18'	Broken Lime
8121'	8214'	93'	Lime and Green Shale
8214'	8322'	108'	Lime and Shale
8322'	8336'	14'	Lime and Sand
8336'	8366'	30'	Sand and Shale
8366'	8370'	4'	Lime, Sand and Shale
8370'	8424'	54'	Lime and Shale
8424'	8445'	21'	Lime, Shale and Sand
8445'	8573'	128'	Shale, Lime and Sand
8573'	8577'	4'	Shale
8577'	8596'	19'	Shale and Sand
8596'	8606'	10'	Lime, Shale and Sand
8606'	8646'	40'	Shale and Sand
8646'	8693'	47'	Shale, Sand and Lime
8693'	8712'	19'	Shale and Sand
8712'	8728'	16'	Shale, Sand and Lime
8728'	8734'	6'	Sand and Shale
8734'	8740'	6'	Shale, Sand and Lime
8740'	8745'	5'	Shale and Sandy Lime
8745'	8755'	10'	Lime, Shale and Sand
8755'	8766'	11'	Lime and Shale
8766'	8799'	20'	Lime, Sand and Shale
8799'	8816'	17'	Lime and Shale
8816'	8827'	11'	Sand, Shale, Lime
8827'	8870'	43'	Lime
8870'	8890'	20'	Lime
8890'	8928'	38'	Lime and Chert
8928'	8935'	7'	Lime
8935'	8950'	15'	Lime and Chert
8950'			Total Depth
7560'			Plugged Back Depth
7550'			Casing set at
7493'			Drilled out Depth
6575'			Plugged Back Depth
6650'			Drilled out Depth

Geological Tops

Elevation Derrick Floor	3504'
Elevation Ground	3495'
Top Anhydrite	1250'
Top Salt	1380'
Base Salt	2480'
Base San Andres	5146'
Top Tubbs	6110'
Pay	6520'-90'
	and 6605'-45'