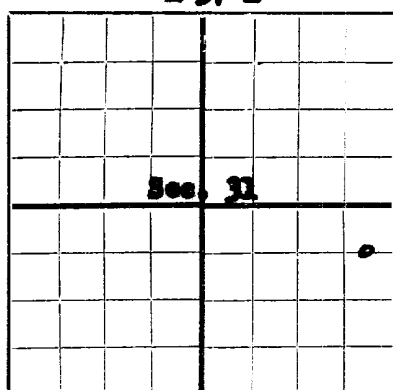


B-37-E

AREA 640 ACRES  
LOCATE WELL CORRECTLYNEW 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

Draper D, Monument, New Mexico

Joyce-Pruitt

Company or Operator

Well No. 1

in NE 1/4 SE 1/4

of Sec. 31

T. 21-S

R. 37-E

Lease

Drinkard

Field,

Lee

County.

Well is 3300 feet south of the North line and 330 feet west of the East line of Section 31

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 July 17, 1950 Drilling was completed August 15, 1950

Name of drilling contractor Makin Drilling Company Address Hobbs, New Mexico

Elevation above sea level at top of casing 3480 feet.

The information given is to be kept confidential until Not Confidential 19

## OIL SANDS OR ZONES

No. 1, from 6587' to 6618' 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	
10-3/4"	29.04	8-11	Weld	215'	Float				
7-5/8"	26.44	8-11	S.S.	2826'	Guide				
5-1/2"	15.5 & 17#	8-11	S.S.	6631'	Float				

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	10-3/4"	215'	250	Halliburton		
9-7/8"	7-5/8"	2826'	1500	Halliburton		
6-3/4"	5-1/2"	6631'	900	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
		Western Acid	1800 Gal.	8-19-50	6587'-6618'	Perforations

Results of shooting or chemical treatment: Flowed 188.64 barrels of oil, 3.36 barrels BS&W in 24 hours through a 1/4" Positive Choke, Tubing Pressure 375#, packer set at 6487', Gas volume 215,900 cu ft per day, G.O.R. 1145, Corrected Gravity 37.7.

## 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 6631' feet, and from feet to feet

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

## PRODUCTION

Put to producing August 19, 1950

The production of the first 24 hours was 192.00 barrels of fluid of which 98.22 % was oil; 1.18 % emulsion; .6 % water; and % sediment. Gravity, Be. 37.7

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

## EMPLOYEES

L. R. Grain Driller W. S. Bex Driller

C. L. Elred Driller 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 22nd

day of August, 1950

Notary Public

Monument, New Mexico August 22, 1950

Place

Date

Name Assistant District Superintendent

Position

Representing Amerada Petroleum Corporation

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	6	6	Cellar
6	1190	1184	Red Bed
1190	2190	1000	Anhydrite
2190	2520	330	Salt
2520	2700	180	Anhydrite & Red Bed
2700	2790	90	Sand & Anhydrite
2790	2840	50	Dolomite & Anhydrite
2840	2910	70	Dolomite
2910	2970	60	Anhydrite & Shale
2970	3510	540	Dolomite, Anhydrite & Shale
3510	3740	230	Dolomite, Shale & Sand
3740	4420	680	Dolomite
4420	4810	390	Limestone
4810	4930	120	Dolomite
4930	5110	180	Limestone & Dolomite
5110	5650	540	Dolomite & Sand
5650	6080	430	Dolomite
6080	6240	160	Dolomite & Sand
6240	6570	330	Dolomite
6570	6620	50	Dolomite & Lime
6620	6631	11	Dolomite & Lime
	6631		Total Depth
	6629		Drilled Out Depth

## GEOLOGICAL DATA

Top Anhydrite	1190'
Top Salt	1290'
Base Salt	2520'
Top Yates	2700'
Top San Andres	3970'
Base San Andres	5110'
Paddock - 3 James -	
	5203' - 5249'
	5243' - 5287'
	5322' - 5386'
Top Clear Fork	5430'
Top Tubbs	6080'
Base Tubbs	6240'
Top Drinkard	6559'

## SLOPE TESTS

110'	0 Deg.
225'	1/4 "
750'	0 "
1240'	1/4 "
1880'	1-1/4 "
2175'	1-3/4 "
2510'	1-1/4 "
2790'	1 "
3260'	3/4 "
3540'	1-1/4 "
3640'	1- "
3900'	3/4 "
4030'	1- "
4424'	3-1/2 "
4560'	2- "
4880'	1-1/2 "
5455'	2-1/2 "
5950'	1-3/4 "
6295'	1-3/4 "
6400'	2- "

### DRILL STEM TESTS

8-14-50 - DST #1 from 6496' to 6605', 6 hour test, 3-1/2" drill pipe, perforations from 6497' to 6499' on 5/8" bottom & 1" top chokes, perforations also from 6588' to 6603'. Opened tool at 8:22 A.M. with light blow of air, gas to surface in 13 Min., mud in 1 hour & 50 Min., oil in 1 hour & 55 Min. Turned well to tank at 10:20 A.M. and in 4 hours flowed 15.38 barrels oil, average of .3% mud, gravity 36.1, flowed 6.75 barrels after tool was closed at 2:20 P.M. Gas volume 181,240 cu ft per day, GOR 1964. Recovered 2078' of clean oil, 180' of gas cut oil, 115' of heavily gas cut mud. Halliburton Chart - Hydro. pressure in 3150#, out 3150#, initial flow pressure 150#, final 650#, 1/4 hour build-up pressure 2150#.

WELL TEST

8-2-55 - 001 - 6 hour test, 3-1/2" drill pipe, perforations from 6490' to 6500' on 5/8" section, 1" top chokes, perforations also from 6528' to 6532'.  
Opened tool at 6:00 A.M. with light blow of air, gas to surface in 13 Min., and  
in 1 hour & 10 Min., oil in 1 hour & 55 Min. Turned well to tank at 10:20 A.M.  
and in 4 hours flowed 15.38 barrels oil, average of .32 mvd, gravity 26.1,  
flowed 6.75 barrels after tool was closed at 2:20 P.M. Gas volume 181,240 cu ft  
for day, GOR 1064. Recovered 2078' of clean oil, 180' of gas cut oil, 115' of  
heavily gas cut mud. Halliburton Chart - Hydro. pressure in 3150#, out 3150#.  
Initial flow pressure 150#, final 650#, 1 1/2 hour build-up pressure 2150#.