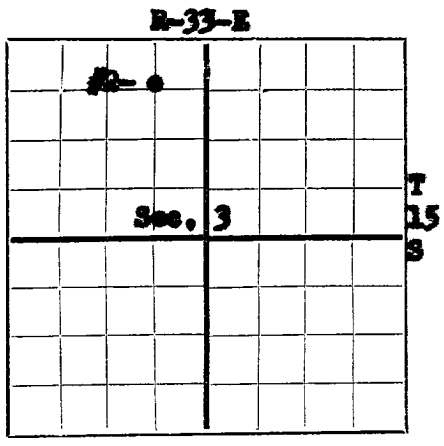
DUPLICATE

FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

RECEIVED
MAY 28 1951
OIL CONSERVATION COMMISSION
HOBBS-OFFICE

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 (Company or Operator) Drawer D, Monument, New Mexico (Address)

State S "B" (Lease) Well No. 2 in NE/4 NW/4 of Sec. 3, T. 15-S

R. 33-E, N. M. P. M., Saunders Field, Lea County.

Well is 660 feet south of the North line and 3300 feet west of the East line of Section 3

If State land the oil and gas lease is No. B-2118 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 31, 1950 Drilling was completed May 11, 1951

Name of drilling contractor Parker Drilling Company , Address Tulsa, Oklahoma

Elevation above sea level at top of casing 4139 feet.

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

OIL SANDS OR ZONES

No. 1, from 9796' to 9915' 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 FROM	PERFORATED TO	PURPOSE
11-3/4"	47 & 60#	8-Rd.	S.S.	280'	Guide				
7-5/8"	46.40#	8-Rd.	S.S.	3100'	Float				
5"	15#	X-Line & 8-Rd.	S.S.	8208'	Float				
4"	11.6# & 11.85#	Hydril	S.S.	1724'	Float		9885'	9913'	6 Shots Per Ft.

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"	11-3/4	297'	225	Halliburton		
9-7/8	7-5/8	3100'	1500	Halliburton		
6-3/4	5	8208'	600	Halliburton		
6-3/4	4	9915'	275	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
		15% L.T. Acid	500 Gal.	5-21-51	9885'-9913'	Perforations

Results of shooting or chemical treatment Flowed 624.29 bbls. oil, .63 bbl. BS, in 24 hours through a 20/64" choke, T.P. 1150#, C.P. (Packer) 4004, Gas Volume 1,445,000 cu ft per day, GOR 1753.

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 9915 feet, and from feet to feet

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

PRODUCTION

Put to producing May 22, 19 51.

The production of the first 24 hours was 625.12 barrels of fluid of which 99.9 % was oil; .1 %

emulsion; % water; and % sediment. Gravity, Be 40.1

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

F. C. Teague, Driller L. R. Williams, Driller

E. H. Davis, 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 24th day of May, 19 51

Notary Public

My Commission expires 10-11-54

Monument, New Mexico (Place) May 24, 1951 (Date)

Name

Position Assistant District Superintendent

Representing Amerada Petroleum Corporation (Company or Operator)

Address Drawer D, Monument, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	6	6	Cellar
6	220	214	Sand & Caliche
220	300	80	Red Bed, Sand & Shale
300	1610	1310	Sand & Shale
1610	1690	80	Sand, Anhydrite & Shale
1690	2710	1020	Shale, Anhydrite & Salt
2710	3230	520	Shale, Anhydrite & Sand
3230	3500	270	Shale & Anhydrite
3500	4020	520	Shale, Anhydrite, Sand & Salt
4020	4200	180	Shale, Anhydrite, sand & Dolomite
4200	5590	1390	Dolomite & Anhydrite
5590	5650	60	Limestone & Dolomite
5650	5740	90	Dolomite & Anhydrite
5740	6490	750	Dolomite, Sand & Anhydrite
6490	7780	1290	Dolomite & Anhydrite
7780	8200	420	Shale, Dolomite & Anhydrite
8200	9050	850	Dolomite & Anhydrite
9050	9210	160	Dolomite & Anhydrite & Chert
9210	9650	440	Limestone & Chert
9650	9788	138	Limestone, Shale & Chert
9788	9915	127	Limestone
	9915		Total Depth
	9913		Drilled Out Depth

GEOLOGICAL DATA

Top Anhydrite	1539'
Top Salt	1636'
Base Salt	2488'
Top Yates 5	2657'
Base Yates	2808'
Top Artesia Red Sand	3442'
Top San Andres	4175'
Base San Andres	5714'
Top Paddock	6015'
Top Glear Fork	6422'
Top Abo	7774'
Top Wolfcamp	9115'
Top Pennsylvanian	9399'

SLOPE TESTS

285'	1/2 Deg.
1330'	1/4 "
1985'	3/4 "
2570'	1/2 "
3445'	1-3/4 "
4065'	3/4 "
4600'	1/4 "
5117'	1-1/4 "
5620'	1- "
6068'	1-1/2 "
6558'	1-3/4 "
7023'	1- "
7500'	3/4 "
8025'	3/4 "
8528'	1- "
9020'	3- "
9517'	3-1/4 "
9910'	2-1/2 "