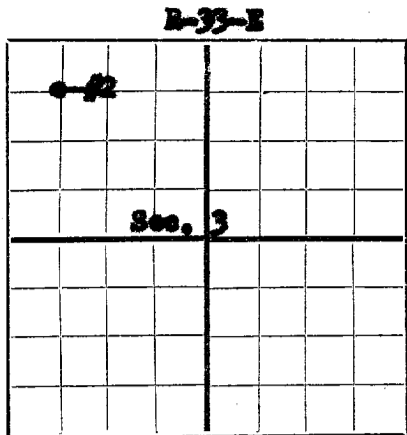


DUPLICATE

FORM C-105

RECEIVED
JAN 30 1951
NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE OFFICE

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 Drawer D, Monument, New Mexico
Company or Operator Address
J. T. Cudde Well No. **2** in **0/21/4 NW/4** of Sec. **3**, T. **12-S**
Lease
R. **33-E**, N. M. P. M., **Bagley-Pennsylvanian** Field, **Lea** County.
Well is **660** feet south of the North line and **4620** feet west of the East line of **Section 3**.
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 **Amerada Petroleum Corporation**, Address **P.O. Box 2040, Tulsa, Oklahoma**
The Lessee is Address
Drilling commenced **September 20, 1950** Drilling was completed **January 12, 1951**
Name of drilling contractor **Parker Drilling Company**, Address **Tulsa, Oklahoma**
Elevation above sea level at top of casing **4253** feet.
The information given is to be kept confidential until **Not Confidential** 19

OIL SANDS OR ZONES

No. 1, from **8584** to **8595** No. 4, from **9264** to **9280**
No. 2, from **8956** to **9112** No. 5, from **11010** to **11042**
No. 3, from **9308** to **9404** 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 **8716** to **8785** feet.
No. 2, from **9112** to **9200** feet.
No. 3, from **9264** to **9282** feet.
No. 4, from **9308** to **9404** feet.
No. 5, from 11044 to 11083

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	OUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
11-3/4"	47. #	8-Ed.	S.S.	315'	Guide				
7-5/8"	26.4#	8-Ed.	S.S.	3797'	Float				
5-1/2"	17. #	8-Ed.	S.S.	11066'	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
17-1/2	11-3/4	332'	225	Halliburton		
9-7/8	7-5/8	3815'	1500	Halliburton		
6-1/8	5-1/2	11083'	600	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
		Acid	500 Gal.	1-19-51	11012' to 11048'	Perforations
		Acid	1000 Gal.	1-21-51	11012' to 11048'	Perforations
		Acid	3000 Gal.	1-22-51	11012' to 11048'	Perforations

Results of shooting or chemical treatment **Flowed 457.90 bbls. oil, 1.16 bbl. NS & 6.05 bbls. water in 24 hrs. through a 1/2" Choke, T.P. 25#, GOR 37,**

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 **11083'** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **January 19, 1951**
The production of the first 24 hours was **465.11** barrels of fluid of which **98.45%** was oil; **.25%** emulsion; **1.3%** water; and **%** sediment. Gravity, Be. **44.3**
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas.
Rock pressure, lbs. per sq. in.

EMPLOYEES

J. E. Hodges, Driller **A. H. Burnett**, Driller
R. M. New, 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 **January**, 19 **51**
[Signature]
Notary Public

Monument, New Mexico **January 24, 1951**
Place Date
Name *[Signature]*
Position **Assistant District Superintendent**
Representing **Amerada Petroleum Corporation**
Company or Operator
Address **Drawer D, Monument, New Mexico**

My Commission expires **10-11-54**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	6	6	Cellar
6	215	209	Sand, Caliche & Lime
215	1600	1385	Red Bed, Sand & Shale
1600	1600	0	Shale & Sand
1600	1790	190	Anhydrite, Shale & Sand
1790	2430	640	Shale, Anhydrite & Salt
2430	3700	1270	Shale, Anhydrite, Salt & Sand
3700	4400	700	Dolomite & Anhydrite
4400	4890	490	Limestone
4890	5200	310	Dolomite & Anhydrite
5200	5390	190	Dolomite, Limestone, Anhydrite & Salt
5390	7230	1840	Dolomite, Anhydrite & Salt
7230	8150	920	Shale, Dolomite & Anhydrite
8150	8340	190	Dolomite & Anhydrite
8340	8470	130	Dolomite, Anhydrite & Chert
8470	10140	1670	Limestone & Chert
10140	10390	250	Sand, Limestone & Shale
10390	10665	475	Limestone, Chert & Shale
10665	11012	347	Shale, Limestone & Sand
11012	11083	71	Dolomite & Chert
	11083		Total Depth
	11058		Plugged Back Depth

GEOLOGICAL DATA

Top Anhydrite	1666'
Top Salt	1722'
Base Salt	2336'
Top Yates	2424'
Base Yates	2545'
Top Red Sand	3136'
Top San Andres	3715'
Base San Andres	5087'
Top Paddock	5300'
Top Clear Fork	5862'
Top Abe	7228'
Top Wolfcamp	8350'
Top Pennsylvanian	8610'
Top Mississippian	10377'
Top Devonian	11011'

SLOPE TESTS

	1-	Deg.
150'	1-	"
685'	-3/4	"
1050'	-1/2	"
1470'	-3/4	"
1935'	-1/4	"
2590'	1-	"
3075'	1-3/4	"
3590'	1-1/4	"
4175'	-3/4	"
4600'	-3/4	"
5130'	-1/4	"
5720'	-3/4	"
6330'	-1/2	"
6660'	-1/4	"
7200'	-3/4	"
7700'	-1/4	"
8300'	-3/4	"
8610'	-3/4	"
9335'	-3/4	"
9985'	-1/2	"
10135'	1-1/4	"
10610'	4-	"
10625'	3-3/4	"
10820'	3-1/2	"
10915'	3-3/4	"
11070'	3-	"