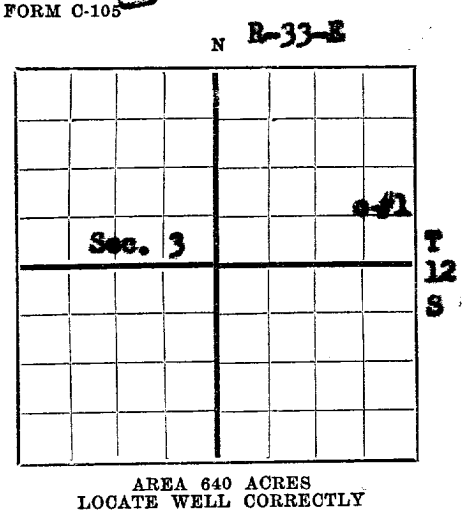
DUPLICATE

FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

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

W.E. Mathers (Lease) Well No. 1 in C/SE/4 NE/4 of Sec. 3, T. 12-S

R. 33-E, N. M. P. M. Bagley-Siluro/Devonian Field, Lea County.

Well is 1980 feet south of the North line and 662 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 W.E. Mathers, Address Tatum, New Mexico

If Government land the permittee is ....., Address .....

The Lessee is Amerada Petroleum Corporation, Address P.O. Box 2040, Tulsa, Oklahoma

Drilling commenced October 26, 1950 Drilling was completed February 1 1951

Name of drilling contractor McVay & Stafford Drilling Company, Address Tulsa, Oklahoma

Elevation above sea level at top of casing 4254 feet.

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

OIL SANDS OR ZONES

No. 1, from 8610' to 8675' No. 4, from 10876' to 10963

No. 2, from 8930' to 8990' No. 5, from ..... to .....

No. 3, from 8997' to 9052' 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
13-3/8"	36#	Slip Jt.	S.W.	280'	Guide				
8-5/8"	32#	8-R.T.	Smls.	3871'	Float				
5-1/2"	17#	8-R.T.	Smls.	10924'	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"	13-3/8	307	225	Halliburton		
11"	8-5/8	3863	1500	Halliburton		
7-3/8"	5-1/2	10934'	550	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
			500 gals.	2-3-51	10934' to 10964'	Open Hole
			2000 gals.	2-4-51	10920' to 10964'	Perf. & Open Hole

Results of shooting or chemical treatment Flowed 380.95 bbls. oil, .54 bbls. BS & 7.47 bbls. acid water in 24 hours through 1/2" choke, Gas Volume 12,000 cu ft per day, GOR 31

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 10964' feet, and from ..... feet to ..... feet

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

PRODUCTION

Put to producing February 4, 19 51

The production of the first 24 hours was 388.96 barrels of fluid of which 97.1 % was oil; 0 % emulsion; 1.9 % water; and .1 % sediment. Gravity, Be. 45.6 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.L. Davis, Driller T.H. Dooley, Driller

J.M. Grisham, 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 8th day of February, 19 51

W.K. Brooks
Notary Public

My Commission expires 10-11-54

Monument, New Mexico (Place) February 8, 1951 (Date)

Name D.W. Tripp

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	200	194	Sand, Caliche & Lime
200	1550	1350	Red Bed, Sand & Shale
1550	1640	90	Shale & Sand
1640	1737	97	Anhydrite, Shale & Sand
1737'	2378	641	Shale, Anhydrite & Salt
2378	3748	1370	Shale, Anhydrite, Salt & Sand
3748	5123	1375	Dolomite, Anhydrite & Lime
5123	7260	2137	Dolomite, Sand & Shale
7260	8387	1127	Dolomite & Shale
8387	10110	1723	Dolomite, Lime Shale & Chert
10110	10315	205	Sand, Shale & Lime
10315	10800	485	Lime, Chert & Shale
10800	10861	61	Sand & Shale
10861	10964	103	Dolomite & Chert

GEOLOGICAL TOPS

Top Anhydrite	1632'
Top Yates	2463'
Base Yates	2583'
Top San Andres	3748'
Base San Andres	5121'
Top Clear Fork	5890'
Top Abo	7259'
Top Wolfcamp	8374'
Top Pennsylvanian	8633'
Top Mississippian	10307'
Top Mississippian Lime	10324'
Top Devonian	10860'

SLOPE TESTS

285'	-3/4	Deg.
961'	1-1/4	"
1715'	-3/4	"
2140'	1-	"
2610'	-3/4	"
3184'	1-	"
3680'	1-3/4	"
4100'	1-	"
4625'	2-	"
5165'	1-	"
5755'	-1/4	"
6320'	-1/4	"
6760'	-1/4	"
7265'	-1/4	"
8260'	-1/4	"
8790'	-1/4	"
9260'	-1/2	"
9696'	-1/4	"
10035'	-1/2	"
10570'	-1/4	"
10875'	1-	"