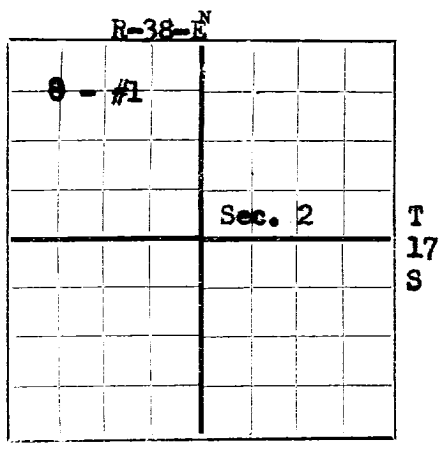
FORM C-105



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)

Luther Cooper (Lease) Well No. 1 in C/NW/4 NW/4 of Sec. 2, T. 17-S

R. 38-E, N. M. P. M., Knowles Field, Lea County.

Well is 660 feet south of the North line and 660 feet ~~East~~ of the ~~West~~ line of Section 2

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, Tulsa2, Okla.

Drilling commenced April 23, 1950 Drilling was completed September 29, 1950

Name of drilling contractor Rowan Drilling Company, Address Fort Worth, Texas

Elevation above sea level at top of casing 3712 feet.

The information given is to be kept confidential until not confidential 19

OIL SANDS OR ZONES

No. 1, from None to 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
13-3/8"	36#	S.J.	Weld.	297'	Float				
8-5/8"	32#	8-RT	S.S.	4788'	Guide	Recovered 1325.76' of Csg.			Before Abandoned
5-1/2"	17#	8-RT	XL & SS	12598'	Guide	"	8656.88'	" "	" "

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	297'	270	Halliburton		
11"	8-5/8	4788'	1500	Halliburton		
7-7/8"	5-1/2"	12598'	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
		Dowell 15% L.T.	500 Gal.	10-6-50	12615 to 12618'	
		" 15% L.T.	1000 Gal.	10-7-50	" "	
		" 22% L.T	2000 Gal.	10-10-50	" "	

Results of shooting or chemical treatment

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 12620' feet, and from feet to feet

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

PRODUCTION

Put to producing Dry hole - Plugged & Abandoned 19

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

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

W.E. Hooper, Driller J.H. Bowen, Driller

J.R. Matthews, 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 16th day of October, 19 50

Notary Public

My Commission expires 10-24-53

Monument, New Mexico October 16, 1950 (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	274	274	Red Beds
274	2130	1856	Anhydrite & Red Beds
2130	2222	92	Salt & Anhydrite
2222	3000	778	Salt, Shale & Anhydrite
3000	3250	250	Shale, Anhydrite & Sand
3250	3440	190	Dolomite, Anhydrite & Shale
3440	4390	950	Dolomite & Anhydrite
4390	4680	290	Dolomite
4680	4900	220	Dolomite, Anhydrite & Sand
4900	5050	150	Dolomite
5050	5800	750	Dolomite & Chert
5800	6010	210	Limestone & Chert
6010	6250	240	Limestone & Dolomite
6250	6390	140	Dolomite & Sand
6390	8610	2220	Dolomite, Sand & Chert
8610	8900	290	Limestone
8900	9510	610	Li estone, Dolomite & Chert
9510	9790	280	Dolomite
9790	10300	510	Dolomite & Limestone
10300	10710	410	Limestone, Chert & Shale
10710	10910	200	Limestone
10910	11820	910	Chert & Limestone
11820	12410	590	Limestone
12410	12560	150	Shale
12560	12596	36	Dolomite & Limestone
12596	12620	24	Dolomite
	12620		Total Depth

GEOLOGICAL DATA - SCHLUMBERGER TOPS

Top Anhydrite	2128'
Top Salt	2220'
Base Salt	3098'
Top Yates	3273'
First Lime	4430'
Top San Andres	5120'
Base San Andres	6470'
Top Wichita	9224'
Top Jones Ranch Chert	11805'
Top Woodford	12542'
Top Devonian	12597'

SLOPE TESTS

142'	1/4 Deg.
233'	1/2 Deg.
270'	1/2 Deg.
612'	1 Deg.
912'	1 Deg.
1190'	1 Deg.
1460'	3/4 Deg.
1966'	3/4 Deg.
2149'	1 Deg.
2300'	2/3 Deg.
2550'	1/2 Deg.
2755'	1/4 Deg.
2995'	3/4 Deg.
3165'	1/2 Deg.
3355'	1/2 Deg.
3629'	1/2 Deg.
3940'	1-1/4 Deg.
4033'	1 Deg.
4250'	3/4 Deg.
4460'	3/4 Deg.
4645'	3/4 Deg.
4780'	3/4 Deg.
5090'	3/4 Deg.
5187'	7/8 Deg.
5276'	7/8 Deg.
5335'	1 Deg.
5425'	1-1/4 Deg.
5559'	1-1/4 Deg.
5940'	1-1/4 Deg.
5995'	1-1/4 Deg.
6060'	1-1/4 Deg.
6104'	1-1/4 Deg.
6940'	1-1/2 Deg.
7755'	1-1/2 Deg.
8285'	1-1/4 Deg.
8583'	2 Deg.
9058'	1-1/4 Deg.
9540'	1-3/4 Deg.
10004'	1/2 Deg.
10605'	2 Deg.
10960'	2-1/2 Deg.
11260'	2 Deg.
11698'	2-1/2 Deg.
12005'	3 Deg.
12023'	3 Deg.
12052'	3 Deg.
12092'	3-1/4 Deg.
12117'	3-1/2 Deg.
12134'	3-1/2 Deg.
12158'	3-1/4 Deg.
12189'	3-1/2 Deg.
12215'	3-1/4 Deg.
12235'	4 Deg.
12270'	3-1/2 Deg.
12305'	3-3/4 Deg.
12341'	3-3/4 Deg.
12391'	4 Deg.
12410'	4-1/4 Deg.
12430'	4-1/4 Deg.
12448'	4-3/4 Deg.
12458'	4-3/4 Deg.
12470'	4-3/4 Deg.
12493'	4-1/2 Deg.
12520'	5-1/4 Deg.
12547'	5 Deg.
12584'	4-3/4 Deg.