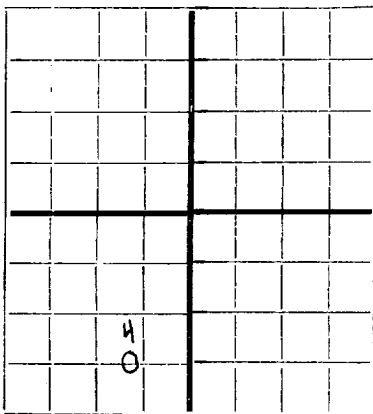


N

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, Drawer D, Monument, New Mexico
Company or Operator Address
J. G. Hare, Well No. 4, in SE 1/4 SW 1/4 of Sec. 33, T. 21S, R. 37E, N. M. P. M., Brunson, Lea County.
Lease
Well is 4620 feet south of the North line and 3400 feet west of the East line of Sect. 33-21-37E.
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, Okla.
Drilling commenced January 19, 1947. Drilling was completed March 19, 1947.
Name of drilling contractor McVay & Stafford drilling co., Address Tulsa, Oklahoma.
Elevation above sea level at top of casing 3443.1 feet.
The information given is to be kept confidential until Not Confidential 19.

OIL SANDS OR ZONES

No. 1, from 7900 to 7938 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	
13 3/8	36	Slip Joint	Weld	230	Regular				
8 5/8	32	8	Cmc	2735	Float				
5 1/2	17	8	Cmc	7938	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	230	20	Halliburton		
11	8 5/8	2735	1000	Halliburton		
7 3/8	5 1/2	7938	500	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material None 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	Gallons	Western Mud Acid				

Results of shooting or chemical treatment No test before acidizing, made 397.58 barrels oil in 9 hours on 1/2 Cmc after acidizing

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.

Ran Schlumberger Well Survey.

TOOLS USED

Rotary tools were used from 0 feet to 7938 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing March 19, 1947.
The production of the first 24 hours was 397.53 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, Be. 41.4
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas.
Rock pressure, lbs. per sq. in.

EMPLOYEES

B. F. Clark, Driller E. A. Hales, Driller
D. K. Randolph, 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 24 Monument, New Mexico March 24, 1947
day of March, 1947 Name Don Tapp
Notary Public Position Asst. Dist. Supt.
Representing Amerada Pet. Corp.,
Company or Operator
My Commission expires Address Drawer D, Monument, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	17	17	Cellar
17	120	103	Sand
120	240	120	Red Bed
204	50	10	Shale
250	690	440	Red Bed
690	1055	365	Red Bed and Shale
1055	1188	125	Shale and Shells
1188	1215	27	Anhydrite
1215	1280	65	Anhydrite and Shale
1280	1510	230	Anhydrite shells, Salt and Stringers of shale
1510	2055	545	Salt
2055	2250	195	Salt and Shells
2250	2395	145	Salt and Anhydrite
2395	2539	144	Anhydrite and Salt
22539	2560	21	Salt and Shells Anhydrite and Gypsum
2560	2600	40	Salt Streaks
2600	2728	128	Anhydrite
2728	2740	12	Anhydrite and Lime
2740	2805	65	Lime
2805	2882	77	Lime and Anhydrite
2882	2970	88	Shale, Lime and Anhydrite Streaks
2970	3035	65	Gypsum and Lime
3035	3145	110	Anhydrite, Lime & Salt Streaks
3145	3705	560	Lime and Shale
3705	3757	52	Lime
3757	3885	128	Lime and Blue Shale
3885	4000	115	Sandy Lime
4000	5000	1000	Lime
5000	5065	65	Lime and Gypsum
5065	5562	497	Lime
5562	5604	42	Brown Lime
5604	6508	1004	Lime
6508	6560	52	Brown Lime
6560	7375	815	Lime
7375	7431	56	Lime and Shale
7431	7445	14	Lime
7445	7466	21	Lime and Shale
7466	7478	12	Sand
7478	7527	49	Lime, Shale and Chert
7527	7547	20	Lime and Shale
7547	7572	25	Shale and Lime
7572	7586	14	Shale
7586	7608	22	Blue Shale, Chert & Lime Streaks
7608	7646	38	Shale and Lime
7646	7659	13	Lime, streaks sand and shale and chert
7659	7681	22	Shale and sandy Lime
7681	7690	9	Lime and shale
7690	7751	61	Lime
7751	7773	22	Lime and Chert
7773	7790	17	Lime and broken chert
7790	7811	21	Lime and chert
7811	7840	29	Lime
7840	7850	10	Cherty Lime
7850	7871	21	Lime and chert
7871	7905	34	Lime and shale
7905	7926	21	Sand
7926	7928	2	Granite Wash
7928	7938	10	Granite
7938			Total Depth
7932			Drilled out depth

SYNO TESTS

"(	
204'	Straight
500'	1/2 degree
750'	Straight
1000'	1/2 degree
1270'	3/4 degree
1575'	1/2 degree
1774'	3/4 degree
1896'	1/4 degree
2079'	1 degree
2171'	1 1/4 degree
2270'	1 1/4 degree
2380'	1 1/2 degree
2444'	1 3/4 degree
2505'	1 3/4 degree
2535'	2 degrees
2570'	1 1/2 degree
2620'	1 1/4 degree
2836'	1 degree
3100'	1 degree
3400'	1 degree
3673'	1/2 degree
4244'	1 degree
4363'	1/2 degree
4512'	1/2 degree
4750'	1/2 degree
5047'	1/4 degree
5315'	3/4 degree
5730'	1 degree
6030'	1 degree
6400'	Straight
6780'	Straight
7100'	Straight
7500'	1 degree