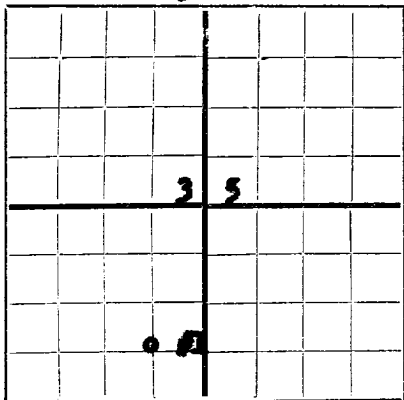


B-38-E

AREA 640 ACRES
LOCATE WELL CORRECTLYNEW MEXICO OIL CONSERVATION COMMISSION'S OFFICE
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

Rose Hayes

Well No.

1

in C/SR/L SW/L

of Sec.

35

T.

16-S

Lease

R. 38-E

N. M. P. M.

Knowles

Field,

Lea

County.

Well is 660' feet North of the South line and 1900 feet East of the West line of Section 35

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 2, Oklahoma

Drilling commenced May 27, 1949 Drilling was completed October 29, 1949

Name of drilling contractor Roscan Drilling Company Address Port 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 12,550' to 12,573' Perforated No. 4, from to

No. 2, from 12,532' to 12,550' " 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	
16"	63.5	BEPE	Weld	226.29	Guide				
16"	65.	8-V	S.S.	34.43	"				
10-3/4"	45.5	8-Rd.	S.S.	3326	"				
10-3/4"	51.	8-Rd.	S.S.	1506	"				
7-5/8"	33.7	Ex-Line	S.S.	3343	Float				
7-5/8"	29.7	"	S.S.	9231	"		12,550	12,573	Testing
							12,532	12,550	Testing

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
19-1/2"	16"	280	350	Halliburton		
13-3/4"	10-3/4"	4805	1550	Halliburton		
9-3/4"	7-5/8"	12574	800	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	500 Gal.	11-5-49	12550'-12573'	
		Oil Well Chemical	1500 Gal.	11-6-49	12550'-12573'	
		Dowell	2000 Gal.	11-11-49	12532'-12573'	

Results of shooting or chemical treatment. 1st. treatment - 69.34 bbls. oil, .7% BS, .3% Water in 24 hrs. scrubbing. 2nd. treatment - 113.72 bbls. oil, 1.4% BS, .1% Water in 18 hrs. scrubbing. 3rd. treatment - 454.53 bbls. oil, .8% BS, % water, in 12-3/4 hrs. flowing through a 1/2" Adj. choke.

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 12575 feet, and from feet to feet.

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

PRODUCTION

Put to producing November 11, 1949

The production of the first 24 hours was 883.20 barrels of fluid of which 99.8% was oil; .2% emulsion; % water; and % sediment. Gravity, Be. 47.9

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 Clifford Fleeger Driller

J. H. Brown 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 14th

day of November, 1949

Notary Public

My Commission expires 10-24-53

Monument, New Mexico November 14, 1949

Name L. H. 1499

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	76	76	Sand & Caliche
76	86	10	Water Sand
86	93	7	Sand & Rock
93	227	134	Sand
227	285	58	Red Bed & Sand
285	737	452	Red Bed, Sand & Shells
737	1338	601	Red Bed
1338	1738	400	Red Bed & Shale
1738	2037	299	Anhydrite
2037	2042	5	Red Bed & Anhydrite
2042	2160	118	Anhydrite
2160	2175	15	Anhydrite & Lime
2175	2309	134	Anhydrite & Salt
2309	2884	575	Salt & Anhydrite
2884	3070	186	Salt & Shells
3070	3120	50	Salt & Anhydrite
3120	3314	194	Anhydrite & Gyp
3314	3440	126	Anhydrite
3440	3574	134	Anhydrite & Salt
3574	3644	70	Anhydrite & Shale
3644	3680	36	Anhydrite
3680	3702	22	Anhydrite & Gyp
3702	3768	66	Anhydrite
3768	3799	31	Anhydrite & Lime
3799	3878	79	Anhydrite
3878	3945	67	Anhydrite & Lime
3945	4469	524	Anhydrite
4469	4600	131	Anhydrite & Lime
4600	4623	23	Anhydrite, Lime & Gyp
4623	4668	45	Anhydrite & Lime
4668	4689	21	Lime & Gyp
4689	4702	13	Anhydrite & Gyp
4702	4791	89	" & Lime
4791	4806	15	Lime
4806	4808	2	Lime & Anhydrite
4808	4930	122	Lime
4930	5038	108	Lime & Sand
5038	5043	5	Lime
5043	5089	46	Sandy Lime
5089	5105	16	Lime
5105	5501	396	Sandy Lime
5501	6550	1049	Lime
6550	9533	2983	Lime
9533	9658	125	Lime & Shale
9658	9752	94	Lime
9752	9769	17	Lime & Shale
9769	9796	27	Lime & Chert
9796	10055	259	Lime
10055	10076	21	Lime & Chert
10076	10170	94	Lime
10170	10290	120	Lime & Chert
10290	10607	317	Lime
10607	10675	68	Lime & Chert
10675	10756	81	Lime
10756	11492	636	Lime & Chert
11492	11590	98	Lime, Shale & Sand
11590	11623	33	Lime & Shale
11623	11626	3	Lime & Chert
11626	11628	2	Chert
11628	11644	16	Lime & Chert
11644	11672	28	Lime
11672	11749	77	Lime & Chert
11749	11800	51	Lime
11800	11811	11	Lime & Chert
11811	11891	80	Lime
11891	11921	30	Lime & Chert
11921	12316	395	Lime
12316	12393	80	Shale & Lime
12393	12575	182	Lime
	12575		Total Depth
	12574		Drilled Out Depth
GEOLOGICAL DATA			
Elevation - Derrick Floor 3712', Ground 3698'			
Top Anhydrite			2120'
Top Salt			2200'
Base Salt			3050'
Top Yates			3243'
Top San Andres			5090'
Base San Andres			6425'
Top Clear Fork			7190'
Top Tabbs			8070'
Base Tabbs			
Top Wolfcamp			9915'
Top Mississippian			10870'
Top Woodford			12295'
Top Devonian			12345'
Top Pay			12381'
SLOPE TESTS			
45' - 1/4 Deg.			
830' - 1/4 "			
1430' - 1/4 "			
1880' - 1/4 "			
2300' - 3/4 "			
2840' - 1/2 "			
3440' - 1-1/4 "			
3929' - 1-1/2 "			
4420' - 1 "			
4900' - 1-1/4 "			
5437' - 1 "			
6094' - 1-1/4 "			
6715' - 2-1/2 "			
7450' - 1-1/4 "			
8180' - 1 "			
8708' - 1/2 "			
9400' - 2 "			
9910' - 2 "			
10530' - 2 "			
11173' - 2-1/2 "			
11700' - 2-1/4 "			
12044' - 2-1/4 "			
12495' - 1-1/2 "			