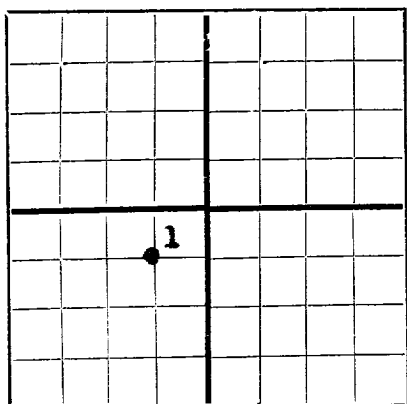


DUPLICATE

FILED
MAY 6 1949
RECEIVED
COMMISSION OFFICENEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

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
Wm. Hamilton Well No. 1 in NE 1/4 of Sec. 35, T. 16S
Lease
R. 38E, N. M. P. M. Knowles Field, Lea County.
Well is 1980 feet North of the South line and 1980 feet East of the West line of Sect. 35-16S-38E
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, Okla.
Drilling commenced October 4, 1949 Drilling was completed May 4, 1949
Name of drilling contractor Ronan Drilling Company Address Fort Worth, Texas
Elevation above sea level at top of casing 3694 feet.
The information given is to be kept confidential until Not Confidential 19.

OIL SANDS OR ZONES

No. 1, from 12518' to 12406' 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 TO	PURPOSE
<u>13-3/8</u>	<u>54.5</u>	<u>8</u>	<u>Smls.</u>	<u>265'</u>	<u>ex. patt.</u>			
<u>8-5/8</u>	<u>32 - 36</u>	<u>8</u>	<u>Smls.</u>	<u>4806'</u>	<u>Float</u>			
<u>5-1/2</u>	<u>17</u>	<u>8</u>	<u>Smls.</u>	<u>12518</u>	<u>Float</u>			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>17 1/2</u>	<u>13-3/8</u>	<u>265'</u>	<u>250</u>	<u>Halliburton</u>		
<u>11</u>	<u>8-5/8</u>	<u>4806'</u>	<u>600</u>	<u>Halliburton</u>		
<u>7-3/8</u>	<u>5-1/2</u>	<u>12518'</u>	<u>800</u>	<u>Halliburton</u>		

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
		<u>Dowell 15% L.T.</u>	<u>2000 Gals.</u>	<u>5-4-49</u>	<u>12580</u>	<u>to 12583'</u>

Results of shooting or chemical treatment Flowed 24 hrs. on 1/2" Choke. Made 935.31 bbls.
Gas Volume 168,714 Cu. Ft. per day, GR 180

RECORD OF DRILL-STEM AND SPECIAL TESTS

See List Attached
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 12636' feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing May 4, 1949
The production of the first 24 hours was 935.31 barrels of fluid of which 100 % 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

Pruitt Guest Driller V.L. Light Driller
H.A. Moore 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 6th
day of May, 1949

Will Hildebrand
Notary Public

My Commission expires MY COMMISSION EXPIRES MAY 12, 1952

Monument, New Mexico May 6, 1949
Name [Signature]
Position Asst. Dist. Supt.,
Representing Amerada Petroleum Corporation
Address Drawer D, Monument, New Mexico.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	21'	21'	Cellar
21'	130'	109'	Soft Rock
130'	270'	140'	Red Bed
270'	679'	409'	Red Bed & Red Rock
679'	1115'	436'	Red Bed
1115'	1613'	498'	Red Bed & Sand
1613'	2066'	453'	Red Rock & Shells
2066'	2185'	119'	Red Rock & Anhydrite
2185'	2280'	95'	Anhy. Salt streaks & Red Rock
2280'	2455'	175'	Red Rock & Salt
2455'	2810'	355'	Salt & Anhydrite streaks
2810'	3166'	356'	Anhydrite & Salt Streaks
3166'	3312'	146'	Anhydrite, sand & Salt
3312'	3436'	124'	Anhydrite, Shells & Sand streaks
3436'	3545'	109'	Anhydrite & Salt streaks
3545'	3737'	192'	Anhydrite, Shells & Salt
3737'	3790'	53'	Anhydrite & Shells
3790'	4109'	319'	Anhydrite, Salt & Salt
4109'	4165'	56'	Anhydrite, Sand & Shells
4165'	4410'	245'	Anhydrite & Sand
4410'	4460'	50'	Anhy. Dams & Salt Streaks
4460'	4540'	80'	Anhydrite & Sand
4540'	4584'	44'	Anhydrite, Sand & Shale streaks
4584'	4625'	41'	Anhydrite, Shale & Sand
4625'	4665'	40'	Anhydrite, Sand & Lime
4665'	4685'	20'	Anhydrite & Sand
4685'	4740'	55'	Anhydrite & Lime
4740'	4794'	54'	Lime, Anhydrite & Shale
4794'	4808'	14'	Anhydrite & Lime
4808'	4825'	17'	Anhydrite & Lime
4825'	4870'	45'	Powdery Lime
4870'	4924'	54'	Lime & Anhydrite streaks
4924'	4978'	54'	Lime, Gyp. & Sand
4978'	5076'	98'	Lime & Gyp.
5076'	5109'	33'	Anhydrite, lime & Gyp.
5109'	5830'	721'	Lime
5830'	5965'	135'	Lime & Sand streaks
5965'	5988'	23'	Lime
5988'	6017'	29'	Lime & Sand
6017'	6052'	35'	Lime
6052'	6103'	51'	Lime & Sand streaks
6103'	6186'	83'	Lime & Sand
6186'	6222'	36'	Sandy Lime
6222'	6270'	48'	Lime & Sand
6270'	6428'	158'	Sandy Lime
6428'	6474'	46'	Lime
6474'	6495'	21'	Lime & Shale
6495'	6545'	50'	Lime
6545'	6795'	250'	Lime
6795'	6887'	92'	Lime
6887'	6919'	32'	Sandy Lime
6919'	8046'	1127'	Lime
8046'	8141'	95'	Lime & Sand streaks
8141'	8177'	36'	Sandy Lime
8177'	8201'	24'	Lime
8201'	8221'	20'	Lime & Sand
8221'	8241'	20'	Sandy Lime
8241'	8267'	26'	Lime
8267'	8285'	18'	Lime & Sand
8285'	8411'	126'	Sandy Lime
8411'	8524'	113'	Lime
8524'	8575'	51'	Lime & Sand
8575'	8624'	49'	Sandy Lime
8624'	8630'	6'	Lime & Sand
8630'	8651'	21'	Lime
8651'	8674'	23'	Lime & Sand
8674'	8689'	15'	Sandy Lime
8689'	8732'	43'	Lime
8732'	8891'	159'	Sandy Lime
8891'	8907'	16'	Lime & Sand
8907'	9469'	562'	Lime
9469'	9560'	91'	Lime
9560'	9597'	37'	Sandy Lime
9597'	9616'	19'	Lime & Sand
9616'	9735'	119'	Lime
9735'	9760'	25'	Lime sandy
9760'	10000'	240'	Lime
10000'	10008'	8'	Cherty Lime
10008'	10035'	27'	Lime
10035'	10052'	17'	Lime & Chert
10052'	10179'	127'	Lime
10179'	10201'	22'	Hard Sand & Lime
10201'	10212'	11'	Lime, Sand & Shale
10212'	10270'	58'	Lime
10270'	10467'	197'	Lime & Sand
10467'	10727'	260'	Lime
10727'	11231'	504'	Lime & Shale
11231'	11255'	24'	Lime
11255'	11268'	13'	Lime & chert
11268'	11405'	137'	Lime & Chert streaks
11405'	11539'	134'	Lime
11539'	11670'	131'	Lime & Shale
11670'	11703'	33'	Lime
11703'	11717'	14'	Lime & Shale streaks
11717'	11723'	6'	Lime
11723'	11728'	5'	Chert & Lime
11728'	11734'	6'	Lime & Shale
11734'	11760'	26'	Chert streaks & Lime
11760'	11792'	32'	Lime
11792'	12508'	816'	Lime & Shale
12508'	12518'	10'	Lime & Dolomite
12518'	12656'	138'	Lime.
12656'	12600'		Total Depth
12600'			P.B.D.

GEOLOGICAL TOPS

Top Anhydrite	2090'
Top Salt	2190'
Base Salt	3044'
Top Yates	3224'
Top San Andres	5080'
Base San Andres	6425'
Top Clear Fork	7185'
Top Tubbs	8070'
T. Wolfcamp	10155' (Tentative)
Top Mississippian	10845' (Harlton)
Top Woodford	12385' (Corrected)
Top Devonian	12451' (Corrected)

SLOPE TESTS

240'	0 Deg.	10270'	1 1/2 deg.
577'	1/2	10345'	1
1100'	0	10405'	1 1/2
1567'	0	10428'	1/2
2088'	0	10535'	0
2280'	0	10642'	3/4
2750'	1	10658'	3 1/2
3290'	1	10689'	3 1/2
3534'	1	10710'	3
3790'	0	10783'	3
3994'	1/2	10845'	3
4145'	1	10894'	3
4332'	1/2	10950'	2 3/4
4482'	1	11085'	1 1/2
4698'	1	11125'	1 1/2
5010'	1/2	11203'	1
5225'	0	11222'	1
5602'	0	11330'	1
5939'	0	11345'	3/4
6169'	1/2	11530'	1
6837'	0	11615'	1
7050'	0	11715'	1
7295'	0	11815'	1
7573'	0	11875'	1 1/2
7817'	0	11997'	3/4
8122'	0	12120'	3
8420'	3/4	12151'	3
8427'	0	12173'	3
8551'	0	12212'	2 3/4
8770'	1/2	12237'	3
8975'	1/2	12259'	3
9155'	1	12281'	2 3/4
9200'	1/2	12320'	3
9384'	1/2	12344'	3
9650'	1/2	12370'	3
		12438'	2 3/4