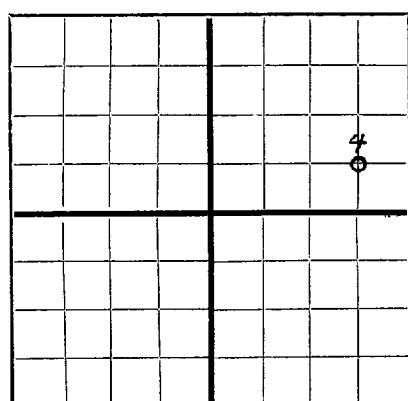


N

AREA 640 ACRES
LOCATE WELL CORRECTLYNEW 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.

State LMT Company or Operator Well No. 4 in SE 1/4 NE 1/4 of Sec. 36, T. 23S, R. 36E, N. M. P. M. Langlie-Mattix Field, Lea County.
Well is 1980 feet south of the North line and 660 feet west of the East line of Sect. 36-23S-36E
If State land the oil and gas lease is No. B-1431 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 February 1, 1949 Drilling was completed February 27, 1949
Name of drilling contractor McVay & Stafford Drilling Company Address Tulsa, 3, Oklahoma
Elevation above sea level at top of casing 3317' feet.
The information given is to be kept confidential until Not Confidential 19

OIL SANDS OR ZONES

No. 1, from 3518 to 3609 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	
8 5/8"	32	8	Weld	328'	Guide				
5 1/2"	15.5	8	Stlss	3465'	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
11"	8 5/8"	328'	200	Halliburton		
7 3/8"	5 1/2"	3465'	500	Halliburton		
4 3/4"				Open Hole to	3609' Total Depth	

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
4 1/8"	90'	Nitroglycerin	230	2-25-49	3518-3609	3609'

Results of shooting or chemical treatment Made 140.76 bbls of oil on 1/2" Adj choke 24 hours Gas
Gas volume 168,714 cu. ft. Gas-Oil-Ratio 1,199

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 3609 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing February 27, 1949
The production of the first 24 hours was 140.76 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

M. D. Barnes Driller D. K. McClanahan Driller
J. C. Fair 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 2nd

day of March, 1949

Will Hale Taylor
Notary Public

My Commission expires

Monument, New Mexico March 2, 1949

Name

Position Asst. Dist. Supt.

Representing Amerada Petroleum Corporation

Address Drawer D, Monument, New Mexico.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	14'	14'	Cellar
14'	330'	316'	Sand & Shells, Clay
330'	670'	340'	Red Bed
670'	1115'	445'	Red Bed & Shells
1115'	1253'	138'	Anhydrite & Gyp
1253'	1275'	22'	Anhydrite
1275'	2570'	1295'	Anhydrite & Salt
2570'	2590'	20'	Anhydrite
2590'	2700'	110'	Anhydrite & Salt
2700'	2793'	93'	Anhydrite
2793'	2808'	15'	Gyp & Anhydrite
2808'	2840'	32'	Anhydrite & Lime
2840'	2888'	48'	Lime & Anhydrite
2888'	2915'	27'	Lime
2915'	2962'	47'	Lime & Gyp
2962'	3055'	93'	Lime & Sand
3055'	3100'	45'	Lime
3100'	3199'	99'	Lime & Sand
3199'	3227'	28'	Lime & Gyp
3227'	3250'	23'	Lime
3250'	3274'	24'	Lime & Gyp
3274'	3518'	244'	Lime
3518'	3528'	10'	Lime & Sand
3528'	3566'	38'	Lime
3566'	3609'	43'	Lime & Sand
3609'			Total Depth
SLOPE TESTS			
297'-1/2	degree	2575'-3	degrees
580'-3/4	"	2672'-3	"
770'-3/4	"	2732'-3	"
980'-3/4	"	2760'-2-3/4	"
1170'-1/2	"	2800'-2-3/4	"
1370'-3/4	"	2848'-2-1/2	"
1520'-3/4	"	2905'-2-1/2	"
1700'-1/2	"	2967'-2-1/4	"
1921'-1/2	"	3026'-1-3/4	"
2160'-3/4	"	3204'-1-1/2	"
2420'-2	"	3290'-1-1/2	"
2520'-2	"		
GEOLOGICAL TOPS			
Elevation		3326'	
Top Anhydrite		1160'	
Top Salt		1260'	
Base Salt		2770'	
Top Yates		2935'	
Zone #1		2960'	
Top Stuart		3573'	
Total Depth		3609'	