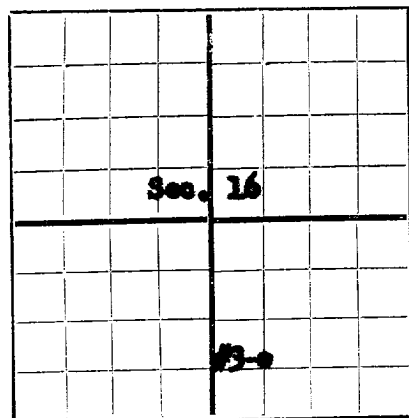


DUPLICATE

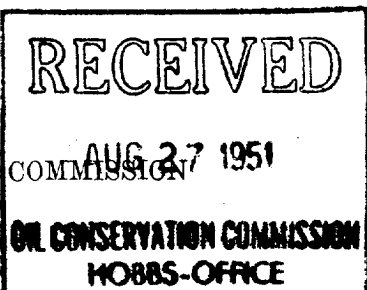
FORM C-105

B-37-E



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION
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 "Q" Company or Operator Well No. 3 in C/SW/4 SE/4 of Sec. 16 T 20 S

R. 37-E Lease Monument Field, Lea County.

Well is 4620 feet south of the North line and 1980 feet west of the East line of Section 16

If State land the oil and gas lease is No. B-1469 Assignment No.

If patented land the owner is. Address.

If Government land the permittee is. Address.

The Lessee is Amerada Petroleum Corporation Address P.O. Box 2040, Tulsa, Oklahoma

Drilling commenced June 7, 1951 Drilling was completed June 25, 1951

Name of drilling contractor Gray & Gackle Contracting Company Address 1804 Fair Bldg., Ft. Worth, Tx.

Elevation above sea level at top of casing 3527 feet.

The information given is to be kept confidential until Not Confidential and Gas 19.

OIL/SANDS OR ZONES
No. 1, from 3250' to 3570' - Gas No. 4, from 3055' to 3075' - Oil
No. 2, from 3600' to 3710' - Gas No. 5, from to
No. 3, from 3780' to 3840' - Gas 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	
10-3/4"	40.5#	8-Rd.	S.S.	1174'	Guide				
7-5/8"	33.7-39#	8-Rd.	S.S.	3027'	Float	- Open hole from 3040' to 3075'			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
13-3/4"	10-3/4"	1188'	450	Halliburton		
9-7/8"	7-5/8"	3040'	1000	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
			NONE			

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 3075' feet, and from feet to feet

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

PRODUCTION

Put to producing August 14, 1951.

The production of the first 24 hours was 139.00 barrels of fluid of which 17.84 % was oil; % emulsion; 82.16 % water; and % sediment. Gravity, Be. 31.3

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

R. P. Hayslip Driller J. W. Dyer Driller

C. L. Edwards 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 22nd. Monument, New Mexico August 22, 1951

day of August, 1951

Notary Public

My Commission expires 10-11-54

Monument, New Mexico August 22, 1951

Place Date

Name Dr. T. J. M.

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	4	4	Cellar
4	40	36	Caliche
40	240	200	Sand & Red Rock
240	284	44	Red Bed
284	1085	201	Red Bed & Red Rock
1085	1155	70	Red Bed & Gyp
1155	1225	70	Anhydrite
1225	2415	1190	Salt & Anhydrite
2415	2698	283	Anhydrite & Gyp
2698	2711	13	Lime, Anhydrite & Gyp
2711	2817	106	Lime & Gyp
2817	2853	35	Lime & Anhydrite
2853	2924	72	Lime & Gyp
2924	3049	125	Lime & Anhydrite
3049	3173	124	Lime
3173	3312	125	Lime & Anhydrite
3312	3389	77	Lime, Anhydrite & Sand
3389	3460	71	Lime & Sand
3460	3840	380	Lime
3840	3851	11	Lime & Dolomite
3851	3875	24	Lime
			Total Depth

GEOLOGICAL DATASLOPE TESTS

Elevation	3853' B.F.	265'	Straight
Top Anhydrite	1140'	805'	1/2 Deg.
Top Salt	1274'	1170'	1/4 "
Base Salt	2412'	1695'	1/8 "
Top Yates	2552'	2120'	1-1/4 "
Top Monument Line	2688'	2460'	1-1/8 "
Top Grayburg	3628'	2850'	1-1/4 "
Top San Andres	3840'	3240'	1- "

DRILL STEM TESTS

3211' - 3460', op 2 hrs. & 40 min. Gas up in 7 min, mud in 14 min. Flowed an est. 1 bbl. heavy sulphur salty mud, gas vol 1,340,000 cu ft p/d. Rec 310' gas cut salty sulphur water - no oil

3460' - 3600', op 4 hrs. Op W/good blow, gas up in 5 min, mud in 10 min. Flowed an est of 1 bbl. mud in 4 hrs. Gas vol 3,006,000 cu ft p/d. Rec. 5 gal. mud on top test tool. No oil or water

3653' - 3840', op 4 hrs. Op W/fair blow, gas up in 21 min - no fluid. Rec 1140' salty gas cut sulphur water W/show of oil, 240' gas & oil cut drlg. mud, est. 5% oil cut, gas vol 13,930 cu ft p/d

3840' - 3875', op 8 hrs. Op W/strong blow, gas up in 5 min, mud in 7 min, fluid in 15 min. Flowed 42.08 bbls. oil, 3.61 bbls. water & .54 bbl. BS, avg gas vol 585,250 cu ft p/d, GOR 4636. Rec 854' free oil & 488' sulphur water.