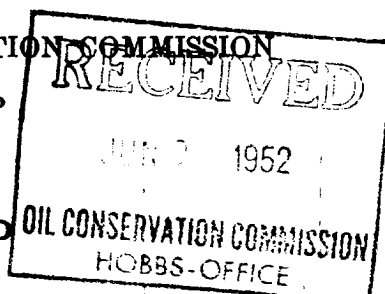


AREA 640 ACRES  
LOCATE WELL CORRECTLY

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD



Mail to Oil Conservation Commission, Santa Fe, New Mexico, or 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.

**Amerada Petroleum Corporation - Monument, New Mexico** State **S "C"**  
Company or Operator **3** Lease **10**  
Well No. **3** in **Q7SE** NW of Sec. **10**, T. **15-S**  
R. **33-E**, N. M. P. M., **Saunders** Field, **Lea** County.  
Well is **1980'** feet south of the North line and **3300'** feet west of the East line of **Section #10**  
If State land the oil and gas lease is No. **E-819** 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 **March 13** 19 **52** Drilling was completed **May 23** 19 **52**  
Name of drilling contractor **McVay & Stafford Drilling Co.** Address **1110 Philhower, Tulsa, Oklahoma**  
Elevation above sea level at top of casing **4186'** feet.  
The information given is to be kept confidential until **Not Confidential** 19 \_\_\_\_

## OIL SANDS OR ZONES

No. 1, from **9790'** to **9814'** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from **9884'** to **9914'** 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
<b>13-3/8"</b>	<b>36#</b>	<b>SJ</b>	<b>SW</b>	<b>280'</b>	<b>Guide</b>			
<b>8-5/8"</b>	<b>24#</b>	<b>32#</b>	<b>SRT</b>	<b>SMIS</b>	<b>4222'</b>	<b>Float</b>		
<b>5-1/2"</b>	<b>15#</b>	<b>17#</b>	<b>SRT</b>	<b>SMIS</b>	<b>10085'</b>	<b>Float</b>	<b>9790'</b> <b>9814'</b>	
						<b>and</b>	<b>9884'</b> <b>9914'</b>	

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>17-1/2"</b>	<b>13-3/8"</b>	<b>295'</b>	<b>250</b>	<b>Halliburton</b>		
<b>12-1/4"</b>	<b>and</b>					
<b>11"</b>	<b>8-5/8"</b>	<b>4235'</b>	<b>1500</b>	<b>Halliburton</b>		
<b>7-7/8"</b>	<b>5-1/2"</b>	<b>10100'</b>	<b>600</b>	<b>Halliburton</b>		

## 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
		<b>Western 15%IST</b>	<b>500 Gals</b>	<b>5-27-52</b>	<b>9884'-9914'</b>	
		<b>Western 15%IST</b>	<b>500 Gals</b>	<b>5-28-52</b>	<b>9790'-9814'</b>	

Results of shooting or chemical treatment **Flowed 298.96 bbls. oil, 2.64 bbls. BS and 24.96 bbls. water in 24 hours on 16/64" choke; tubing pressure 475#; gas volume 239,200 cu.ft. per day; GOR 800; gravity 36.2 corrected.**

## 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 **10177'** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## PRODUCTION

Put to producing **May 28** 19 **52**  
The production of the first 24 hours was **326.60** barrels of fluid of which **91.6** % was oil; \_\_\_\_\_ % emulsion; **.076** % water; and **.008** % sediment. Gravity, Be. **36.2 corrected**  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

**A. M. Brazil** Driller **K. R. Dowers** Driller  
**J. N. Grisham** 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 **6th.** **Monument, New Mexico** **June 6, 1952**  
day of **June** 19 **52** Name **Dw. T. [Signature]**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	6'	6'	Cellar
6'	220'	214'	Sand & Caliche
220'	300'	80'	Red Bed, Sand & Shale
300'	1610'	1310'	Sand & Shale
1610'	1690'	80'	Sand, Anhydrite & Shale
1690'	2710'	1020'	Shale, Anhydrite & Salt
2710'	3230'	520'	Shale, Anhydrite & Sand
3230'	3500'	270'	Shale & Anhydrite
3500'	4020'	520'	Shale, Anhydrite, Sand & Salt
4020'	4200'	180'	Shale, Anhydrite, Sand & Dolomite
4200'	5590'	1390'	Dolomite & Anhydrite
5590'	5650'	60'	Limestone & Dolomite
5650'	5740'	90'	Dolomite & Anhydrite
5740'	6490'	750'	Dolomite, Sand & Anhydrite
6490'	7500'	1010'	Dolomite & Anhydrite
7500'	7730'	230'	Anhydrite & Dolomite
7730'	7760'	30'	Shale, Dolomite & Anhydrite
7760'	8220'	460'	Shale, Anhydrite and Dolomite
8220'	9060'	840'	Dolomite & Anhydrite
9060'	9210'	150'	Chert, Dolomite & Anhydrite
9210'	9390'	180'	Limestone
9390'	9500'	110'	Shale, Chert and Limestone
9500'	9610'	110'	Dolomite, Shale & Limestone
9610'	9640'	30'	Limestone
9640'	9750'	110'	Shale, Chert & Limestone
9750'	10177'	427'	Limestone
	10177'		Total Depth
	10098'		Drilled Out Depth
<u>SLOPE TESTS</u>		<u>GEOLOGICAL DATE</u>	
295'		1/2 deg.	Top Anhydrite 1530'
560'		1/2	Top Salt 1629'
820'		1/4	Base Salt, Platform 2508'
1105'		1/2	Base Salt, Bagley 2588'
1509'		3/4	Top Yates 2761'
1874'		1/2	Base Yates 2827'
2160'		1/2	Top Red Sand 3475'
2435'		3/4	Top San Andres 4215'
2750'		1-3/4	Base San Andres 5755'
2851'		1	Top Paddock 6048'
3069'		1-1/2	Top Clear Fork 6437'
3205'		1-3/4	Top Abe 7770'
3360'		1-3/4	Top Wolfcamp 9119'
3453'		1-3/4	Top Pennsylvanian 9393'
3600'		2	Top Pay 9820'
3709'		1-1/2	Elevation, Derrick Floor 4199'
3830'		1-1/2	
3900'		1-1/2	
3975'		2	
4107'		1-1/2	
4405'		2	
4495'		1/2	
4555'		1	
4685'		1	
4800'		1	
5130'		1-1/4	
5250'		1-1/4	
5415'		2	
5582'		2	
5880'		1-3/4	
6415'		1-1/4	
6875'		1	
7270'		1	
7640'		3/4	
8190'		1/2	
8580'		3/4	
9065'		1	
9525'		1	
10015'		1	
<u>DRILL STEM TESTS</u>			
DST #1	From 9775' to 9825', 4 hr. test. Opened tool, gas in 10 minutes, volume 59,640 cu.ft. per day. No fluid to surface. Recovered 30' oil and gas cut drilling mud; 4570' free oil, gty. 36.4 corrected and 450' salt water.		
DST #2	From 9835' to 9875', 4 hr. 22 minut test. Opened tool, gas in 3 minutes, mud in 18 minutes and oil in 21 minutes. Flowed 94.41 bbls. oil, 1.7%BS and .6%Water in 4 hours; gty 38.3 corrected. Bled off 3.43 bbls. oil and recovered 630' free oil and 315' salt water. Gas vol. 861,000 cu.ft. per day.		
DST #3	From 9900' to 9925', 4 hr. 10 minute test. Opened tool, gas in 3 minutes, mud in 8 minutes and oil in 10 minutes. Flowed 82.90 bbls. oil, .29 bbls. BS and 4.38 bbls. water in 4 hours; gravity 39 corrected. Gas volume decreased from 1,008,000 cu.ft. per day to 492,000 cu.ft. per day at end of test. Bled off 2.76 bbls. and recovered 16.55 bbls. oil, 2.75 bbls. salt water, above circulating sub and 30' drilling mud and 240' salt water.		
DST #4	From 9936' to 9975', 5 hr. test. Opened tool with strong blow of air; gas in 5 minutes, mud in 55 minutes and oil in 58 minutes. Well flowed 36.24 bbls. oil, .24 bbls. BS and .08 bbls. Water in 4 hours; gty. 43.2 corrected. Gas volume at end of test 550,290 cu. ft. per day. Bled off 15.85 bbls. and recovered 130' oil cut drilling mud, no water.		
DST #5	From 9965' to 10060', 4 hr. test. Opened tool with strong blow of air; gas in 6 minutes, volume too small to measure, no fluid to surface. Recovered 540' heavy oil and gas cut drilling mud; 6600' free oil, gty. 37.5 corrected and 10' gas cut drilling mud with slight sulphur odor.		
DST #6	From 10060' to 10177', 1 hr. 22 minute test. Opened tool with faint blow of air which died in 18 minutes. Closed tool for 6 minutes and re-opened with very faint blow of air which died in 4 minutes. Recovered 150' drilling mud, no show of oil, gas or water.		