



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 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.

**Amoradi Petroleum Corporation** **Drummer D, Monument, New Mexico**  
Company or Operator Address  
**State 8 "W"** Well No. **4** in **NE/4 SE/4** of Sec. **3**, T. **15-S**  
Lease  
R. **33-2**, N. M. P. M., **Sanders** Field, **Lea** County.  
Well is **3583** feet south of the North line and **3900** feet west of the East line of **Section 3**  
If State land the oil and gas lease is No. **2-4118** Assignment No. \_\_\_\_\_  
If patented land the owner is \_\_\_\_\_, Address \_\_\_\_\_  
If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_  
The Lessee is **Amoradi Petroleum Corporation**, Address **P.O. Box 2040, Tulsa 2, Okla.**  
Drilling commenced **May 2,** 19**51** Drilling was completed **June 18,** 19**51**  
Name of drilling contractor **McFar & Stafford Drilling Company**, Address **Tulsa, Oklahoma**  
Elevation above sea level at top of casing **4190** feet.  
The information given is to be kept confidential until **Not Confidential** 19\_\_\_\_.

OIL SANDS OR ZONES

No. 1, from **9776'** to **9730'** 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	
<b>13-3/8</b>	<b>36. #</b>	<b>8-8.</b>	<b>Weld</b>	<b>200'</b>	<b>Guide</b>				
<b>8-5/8</b>	<b>32 &amp; 20#</b>	<b>8-8.</b>	<b>S.S.</b>	<b>4220'</b>	<b>Float</b>				
<b>5-1/2</b>	<b>17. #</b>	<b>8-8.</b>	<b>S.S.</b>	<b>9900'</b>	<b>Float</b>		<b>9890'</b>	<b>9913'</b>	<b>Production</b>

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>17-1/2</b>	<b>13-3/8</b>	<b>290'</b>	<b>225</b>	<b>Halliburton</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>9915'</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>Dowell L.T. Acid</b>	<b>500 Gal.</b>	<b>6-23-51</b>	<b>9890'-9913'</b>	<b>- Perforations</b>

Results of shooting or chemical treatment **Flowed 746.32 bbls. oil, 1.50 bbl. M in 2 1/2 hrs., through a 32/64" Choke, T.P. 4254, packer set at 2600', Gas volume 1,149,504 cu ft per day, G.O.R. 1539.**

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 **9915'** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

PRODUCTION

Put to producing **June 21,** 19**51**  
The production of the first 24 hours was **746.32** barrels of fluid of which **99.8** % was oil; **.2** % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be. **43.9**  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYEES

**H. D. Wilson** Driller **J. L. Taylor** Driller  
**Guy Markow** 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 **26th** **Monument, New Mexico** **June 26, 1951**  
day of **June**, 19**51** Name **Asst. Sup.**  
Position **Assistant District Superintendent**

## 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	7770	1280	Dolomite & Anhydrite
7770	8300	530	Shale, Dolomite & Anhydrite
8300	9120	820	Dolomite & Anhydrite
9120	9380	260	Chert, Dolomite & Limestone
9380	9915	535	Limestone & Shale
	9915		Total Depth
	9913		Plugged Back Depth

GEOLOGICAL DATA

Elevation D.F.	4203'
Top Anhydrite	1533'
Top Salt	1635'
Base Salt	2513'
Top Yates	2660'
Top Red Sand	3165'
Top San Andres	4215'
Base San Andres	5720'
Top Padlock	6035'
Top Clear Fork	6432'
Top Abo	7767'
Top Wolfcamp	9108'
Top Pennsylvanian	9387'

SLOPE TESTS

271'	3/4 Deg.
750'	3/4 "
1250'	1/4 "
2170'	1/4 "
2660'	1- "
3100'	1-1/4 "
3735'	1-1/4 "
4135'	1- "
4622'	1- "
5170'	1-3/4 "
5485'	1-3/4 "
5970'	1- "
6420'	1-1/4 "
6900'	1- "
7370'	1-1/4 "
7620'	1/2 "
8230'	3/4 "
8633'	1- "
8810'	1- "
9130'	1-1/2 "
9395'	3/4 "
9666'	1-3/4 "
9825'	1- "

DRILL STEM TESTS

9885' - 9915', op 5 hrs. & 55 min. Op w/ good blow air, gas up in 36 min., muddy water in 1 hr. & 12 min. Flowed 132.02 bbls. oil & .36 bbl. BS in 4 hrs., gas vol 1,446,000 cu ft p/d, OOR 1825, gvtg. 41.1. Rec. 1890' free oil, 630' heavy oil cut mud, est 25% oil out; no formation water. (Used 1900' of water blanket).