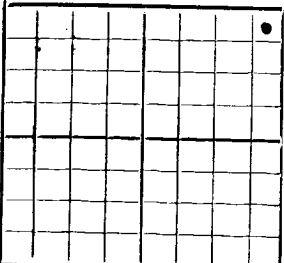


N.



NEW MEXICO STATE LAND OFFICE
SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST
WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days after completion of well. Indicate questionable data by following it with (?). Submit in duplicate.

Company Amerada Petroleum Corporation Address Box 1348 Fort Worth, Texas
Send correspondence to Amerada Pet Corp Address Box 282 Hobbs, New Mexico
State "A" 38 Well No. 2 in NE 1/4 of NE 1/4 of Sec. 32, T. 18
R. 38, N. M. P. M. Hobbs Oil Field Lea County.
If State land the oil and gas lease is No. A 1469 Assignment No. _____
If patented land the owner is _____, Address _____
The lessee is Amerada Petroleum Corporation, Address Fort Worth, Texas.
If not state or patented land, give status _____
Drilling commenced August 10th 19 30 Drilling was completed September 25th 19 30
Name of drilling contractor Noble Drilling Co Address Tulsa, Oklahoma
Elevation above sea level at top of casing 3658 feet.
The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from 3870 to 3887 No. 4, from 4106 to 4160
No. 2, from 3996 to 4003 No. 5, from _____ to _____
No. 3, from 4050 to 4074 No. 6, from _____ to _____
See Log for Gas Sands.

IMPORTANT WATER SANDS

No. 1, from 40 to 120 No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>12 1/2"</u>	<u>50#</u>	<u>8</u>	<u>weld</u>	<u>224'</u>	<u>T. P.</u>				
<u>9 5/8"</u>	<u>36#</u>	<u>8</u>	<u>Smlss</u>	<u>2740'</u>	<u>Baker</u>				
<u>7"</u>	<u>24#</u>	<u>10</u>	<u>Smlss</u>	<u>3939'</u>	<u>Baker</u>				

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>12 1/2"</u>	<u>224'</u>	<u>200</u>	<u>Halliburton</u>		
<u>9 5/8"</u>	<u>2740'</u>	<u>400</u>	<u>Halliburton</u>		
<u>7"</u>	<u>3939'</u>	<u>500</u>	<u>Halliburton</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

SIZE	SHELL USED	EXPLOSIVE USED	QUANTITY	DATE	DEPTH SHOT	DEPTH CLEANED OUT

TOOLS USED

Rotary tools were used from 224' feet to 4160' feet, and from _____ feet to _____ feet
Cable tools were used from 00 feet to 224' feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing Sept. 26th 19 30
The production of the first 19 hours was 1498' barrels of fluid of which 98 8/10% was oil; _____%
emulsion; 7/10% water; and 5/10% 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

T. S. Offutt, Driller _____, Driller
H. D. Morris, 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 13th Name [Signature]
day of October, A.D. 19 30 Position Superintendent
Bonnie L. Porter Representing Amerada Petroleum Corporation
Notary Public. Company or Operator
My commission expires May 31st, 1931.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40'		Surface
40'	120'		Sand
120'	125'		Lime Shell
125'	130'		Sand
130'	140'		Lime Shell
140'	146'		Sand
146'	150'		Lime
150'	174'		Sand
174'	195'		Hard Sand Rock
195'	224'		Red Bed
224'	986'		Shale & Shell
986'	1100'		Red Bed
1100'	1101'		Lime Shell
1101'	1255'		Red Bed
1255'	1275'		Shale & Shell
1275'	1285'		Sand
1285'	1315'		Shale & Shell
1315'	1335'		Lime Shell & Shale
1335'	1400'		Red Bed
1400'	1404'		Broken Lime
1404'	1463'		Red Bed & Shells
1463'	1529'		Lime
1529'	1535'		Anhydrite
1535'	1551'		Red Bed & Anhydrite
1551'	1581'		Anhydrite & Shale
1581'	1602'		Shale & Shell
1602'	1620'		Red Bed & Anhydrite
1620'	1654'		Lime & Red Bed
1654'	1680'		Gyp & Anhydrite
1680'	1760'		Salt & Anhydrite
1760'	1800'		Salt & Shells
1800'	1811'		Red Bed & Lime
1811'	1875'		Red Bed & Salt
1875'	1877'		Brown Lime
1877'	2031'		Anhydrite & Salt
2031'	2250'		Red Bed & Anhydrite
2250'	2355'		Salt & Red Bed
2355'	2450'		Anhydrite & Shale
2450'	2500'		Red Rock & Salt
2500'	2575'		Anhydrite Shale & Red Rock
2575'	2583'		Anhydrite & Red Rock
2583'	2738'		Broken Anhydrite
2738'	2740'		Brown Lime
2740'	2774'		Anhydrite & Lime
2774'	2786'		Brown Lime Show gas
2786'	2820'		Anhydrite
2820'	2830'		Brown Lime
2830'	2835'		Shale " "
2835'	2845'		Anhydrite & Sand " "
2845'	2871'		Broken Lime & Anhydrite
2871'	3032'		Anhydrite Show gas 2900-2902
3032'	3038'		Broken Lime
3038'	3133'		Anhydrite & Lime
3133'	3144'		Red Sand
3144'	3150'		Gas Sand 50 Million gas
3150'	3152'		Lime
3152'	3190'		Anhydrite & Shale
3190'	3194'		Anhydrite
3194'	3200'		Red & Blue Shale
3200'	3210'		Anhydrite & Lime
3210'	3228'		Anhydrite & Shale
3228'	3253'		Anhydrite
3253'	3280'		Anhydrite & Shale
3280'	3311'		Anhydrite & Lime
3311'	3327'		Anhydrite & Shells
3327'	3330'		Anhydrite
3330'	3350'		Red Bed
3350'	3355'		Brown Lime
3355'	3367'		Anhydrite
3367'	3389'		Anhydrite & Lime Shells
3389'	3413'		Brown Lime & Anhydrite
3413'	3440'		Anhydrite & Lime
3440'	3468'		Anhydrite & Shale
3468'	3538'		Anhydrite Lime & Shale
3538'	3547'		Brown Lime
3547'	3571'		Anhydrite & Shale
3571'	3595'		Anhydrite & Lime
3595'	3600'		Red & Blue Shale
3600'	3617'		Anhydrite & Shale
3617'	3636'		Anhydrite & Red Bed
3636'	3645'		Anhydrite & Shale
3645'	3668'		Anhydrite & Lime
3668'	3678'		Anhydrite
3678'	3686'		Broken Sand Show gas 3678-3685
3686'	3728'		Anhydrite & Lime
3728'	3733'		Anhydrite
3733'	3748'		Brown Lime
3748'	3755'		Anhydrite & Shale
3755'	3760'		Anhydrite & Lime
3760'	3776'		Grey Lime
3776'	3800'		Lime & Anhydrite
3800'	3835'		Lime
3835'	3844'		Anhydrite & Lime
3844'	3850'		Anhydrite & Brown Lime
3850'	3860'		Lime Shale & Shell
3860'	3870'		Brown Lime & Anhydrite
3870'	3887'		Brown & Grey Lime Show oil
3887'	3907'		Lime Shale & Shell
3907'	3910'		Brown Lime
3910'	3930'		Sandy Lime
3930'	3943'		Grey Lime
3943'	3965'		Brown & Grey Lime
3965'	3968'		Sandy Lime
3968'	3996'		Crystalline Lime
3996'	4042'		Brown Lime Show oil 3996-4005
4042'	4046'		White Lime
4046'	4160'		Brown Lime " " 4050-4074 " " 4106-4160