

Pge. 36-E

U. S. LAND OFFICE **Las Cruces, N.M.**

SERIAL NUMBER 046164 (B)

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL ! CORRECTLY

Company Amerada Petroleum Corporation Address Drawer D - Monument, New Mexico
Lessor or Tract Federal "D" Lease Field Eumont State New Mexico
Well No. 6 Sec. 26 T. 20-S R. 36-E Meridian N.M.P. County Lea
Location 660 ft. (N. of S Line and 1980 ft. (E. of W Line of Section #26 Elevation 3576 ft.)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records. *WHD -*

Date March 2, 1955 Signed W. H. Smith
Title Foreman

The summary on this page is for the condition of the well at above date _____

Commenced drilling **February 5, 1955**, to _____ Finished drilling **February 22, 1955**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3746' to 3888' No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

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

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9-5/8"	36#	8R		293'	Guide				
7"	23#	8R		394'	Float		3746'	3808'	and, Oil Production
							3826'	3888'	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	308'	250	Halliburton		
7"	3960'	1300	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

ACIDIZING AND FRACTURING ~~SEPARATING~~ RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Acidized 7" OD casing perforations from 3746' to 3808' & 3826' to 3888' with 1000 gallons of 15% LST acid. Sand-oiled 7" OD casing perforations from 3746' to 3808' & 3826' to 3888' with 20,000 gallons of oil and 20,000 pounds of sand.						

TOOLS USED

Rotary tools were used from 0 feet to 3960 feet, and from _____ feet to _____ feet.

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

DATES

Put to producing February 25, 1955

The production for the first 24 hours was 264.96 barrels of fluid of which 100 % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. 36.3

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

W.E. Morphis	, Driller	H.E. Brigman	, Driller
T.L. Henson	, Driller		, Driller

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
0'	6'	6'	Cellar
6'	1400'	1394'	Red Bed
1400'	1506'	106'	Anhydrite
1506'	2791'	1285'	Salt and anhydrite
2791'	2952'	161'	Anhydrite and shale
2952'	3089'	137'	Anhydrite, sand and shale
3089'	3250'	161'	Dolomite and anhydrite
3250'	3740'	490'	Dolomite, anhydrite and sand
3740'	3960'	220'	Dolomite and sand
	3960'		Total Depth

FORMATION TOPS

Top Anhydrite	1400'
Top Salt	1506'
Base Salt	2791'
Top Yates	2952'
Top Queen	3740'

NOTE: All above formation data obtained from our Geological Department.

FROM-	TO-	TOTAL FEET	FORMATION
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...and : 111

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[illegible]

1. The first of these is the fact that the majority of the population of the United States is now living in the urban areas.	2. The second is the fact that the majority of the population of the United States is now living in the urban areas.	3. The third is the fact that the majority of the population of the United States is now living in the urban areas.
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UNITED STATES DEPARTMENT OF JUSTICE			
FEDERAL BUREAU OF INVESTIGATION			
REPORT OF	DATE	PERIOD FOR WHICH MADE	BY
Special Agent in Charge	10/10/54	10/10/54	W. J. ...
On 10/10/54, at			

[illegible]

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

WELL HISTORY

Dilled to 3960' T.D. Ran Schlumberger Electric Log, Gamma Ray, Detail and Microlog. 7" OD casing set at 3960' and cemented with a total of 1300 sacks of cement, 800 sacks around bottom and 500 sacks through DV collar set at 1998'. Drilled out to 3950'. Perforated 7" OD casing from 3746' to 3808' and 3826' to 3888' with 496 bullet shots. Acidized 7" OD casing perforations from 3746' to 3808' and 3826' to 3888' with 1000 gallons of 15% HCl acid, flushed with 22 barrels of crude oil. Sand-oiled 7" OD casing perforations from 3746' to 3808' and 3826' to 3888' with 20,000 gallons of Farnatts refined oil and 20,000 pounds of sand, flushed with 283 barrels of crude oil. Rig released and started tearing down tools at 1 PM, 2-25-55

COMPLETION TEST

Flowed 44.16 barrels of oil and no BSW in 4 hours on 20/64" choke; TP 275#; gas volume 125,730 cfpd; GOR 475; gravity 36.3 corrected; 24 hour rate: 264.96 barrels of oil. Well completed 2-25-55.

RECORD OF DRILL STEM TESTS

DST #1 - From 3225' to 3400' - 2-16-55
2 hour test; 4 1/2" DP; 5/8" bottom and 1" top chokes. Opened tool
at 6:02 AM with a fair blow of air that continued throughout test. No
gas or fluid to surface. Closed tool at 8:02 AM. Recovered 40' slight-
ly gas cut mud.