

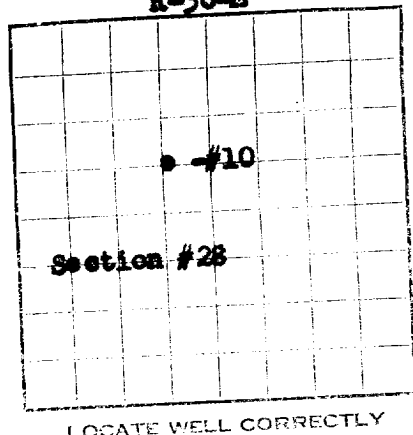
Form 9-330

R-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

Company **Amerada Petroleum Corporation** Address **Drawer D - Monument, New Mexico**
Lessor or Tract **Federal "D" Lease** Field **Eumont** State **New Mexico**
Well No. **10** Sec. **28** T. **20-S** R. **36-E** Meridian **N.M.P.** County **Lea**
Location **1980 ft. S. of 5-7 line and 200 ft. W. of 3-4 line** Elevation **3623' df**
(Derrick floor relative to sea level)
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.
Signed *[Signature]* Title **Foreman**

Date **July 19, 1955**

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

Commenced drilling **May 1, 1955** Finished drilling **May 12, 1955**

OIL OR GAS SANDS OR ZONES
No. 1, from **303' to 388'**
No. 2, from **388' to 391'**
No. 3, from **391' to 394'**
IMPORTANT WATER SANDS:
No. 1, from **394' to 397'**
No. 2, from **397' to 399'**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	24#	8		303'	Guide				
5-1/2"	19#	8		394'	Plug				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	319'	250	Halliburton		
5-1/2"	394'	800	Halliburton		

PLUGS AND ADAPTERS

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

SHOOTING RECORD

ACIDIZING & FRACTURING
Acidized **5-1/2" OD casing perforations from 3914' to 3932', 3865' to 3885', 3795' to 3815' and 3907' to 3924'** with **1500 gallons of 15% LST Acid**. Sand-oiled **5-1/2" OD casing perforations as above with 43,000 gallons of oil and 43,000 lbs. of sand.**

TOOLS USED

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

DATES

Well plugged and abandoned, 7-7-55
Put to producing _____, 19____
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller
C. O. Moon, Driller
S. H. Brilland, Driller
H. C. Cooper, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
	6'	6'	Cellar
0'	1790'	1784'	Red Beds
6'	1910'	120'	Anhydrite
1790'	3290'	1380'	Anhydrite, salt and shale.
1910'	3480'	190'	Anhydrite and shale.
3290'	3670'	190'	Sand and Anhydrite.
3480'	3862'	192'	Dolomite, Anhydrite and sand.
3670'	3914'	52'	Dolomite and sand.
3862'	3940'	26'	Dolomite.
3914'	3940'		Total Depth.

SCHLUMBERGER TOPS

Top Anhydrite **1790'**
Top Salt **1910'**
Base Salt **3290'**
Top Yates **3480' (Tentative)**
Base Yates **3670'**
Upper First Seven Rivers Sand **3862'**
First Seven Rivers Sand **3914'**

FORMATION

FROM--

—OL

TOTAL FEET

FORMATION

HISTORY OF OIL OR GAS WELL

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.

HOLSEN TIME

Spudded 11" hole at 2:00 PM, 5-1-55, finished 11" hole to 322' at 5:15 PM. Ran 8 joints of 8-5/8" OD casing set at 319' with 250 sacks. Cemented circulated. Started drilling 7-7/8" hole from 322' at 9:30 PM, 5-2-55. Finished 7-7/8" hole to 3940' at 9:15 AM, 5-12-55. Ran Schlumberger's Gamma Ray from surface to 3940'; T.S. from 322' to 3940'; Detail and Logging from 3200'. Ran 98 joints of 5-1/2" OD casing set at 3940' and Halliburton D.V. collar at 1968' with 800 sacks. Perforated 5-1/2" OD casing from 3914' to 3932' with 72 bullets, from 3865' to 3895' with 80 bullets, from 3795' to 3815' with 80 bullets and 3907' to 3924' with 68 bullets. Acidized 5-1/2" OD casing perforations 3914' to 3932', 3865' to 3885', 3795' to 3815' with 1500 gallons 15% mud acid. Sand-oiled 5-1/2" OD casing perforations 3914' to 3932', 3865' to 3885', 3795' to 3815' & 3907' to 3924' with 43,000 gallons of oil and 45,000 lbs. of sand. 5-1/2" OD casing perforations 3865' to 3885' & 3795' to 3815' were squeezed with 400 sacks of regular cement. This well produced oil after swabbing. Well plugged and abandoned 7-7-55.

STANDS NOT TATT

19031 - 1/4 deg.; 18761 - 1/4 deg.; 22301 - 1 deg.; 27551 - 3/4 deg. 37491 - 2-3/4 deg.; 35151 - 2-1/4 deg.; 37431 - 2-3/4 deg.