

R-36-E

0	-	#4							

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 046164 (B)

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
OCT 21 1954

LOG OF OIL OR GAS WELL

Company Amerada Petroleum Corporation Address Drawer D - Monument, New Mexico
Lessor or Tract Federal "D" Field Undesignated State New Mexico
Well No. 4 Sec. 26 T. 20-S R. 36-E Meridian NMP County Lea
Location 660 ft. XX of N Line and 660 ft. XX of W Line of Section #26 Elevation 3585' D.F.
(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

Date October 19, 1954Title Foreman

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

Commenced drilling September 20, 1954 Finished drilling October 11, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3898' to 3947' 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 None 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	8RT		313'	Guide				
7"	23	8RT		3970'	Float		3898'	3947'	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	328'	300	Halliburton		
7"	3980'	800	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

ACID and FRACTURE ~~SEALING~~ RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Acidized 7" OD casing perforation from 3898'-3947' w/500 gal. 15% LST Acid.						
Sand-Oiled 7" OD casing perforations from 3898' to 3947' w/20,000 gal. oil & 22,500# sand.						

TOOLS USED

Rotary tools were used from 0 feet to 3980 feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was 325.74 barrels of fluid of which 100 % 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

C.F. Keel _____, Driller H.F. Gray _____, Driller

W.J. Botkin _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	6	6	Cellar
6	1430	1424	Red Bed
1430	1530	100	Anhydrite
1530	2802	1272	Salt, Anhydrite & Shale
2802	2962	160	Anhydrite & Shale
2962	3110	148	Anhydrite, Sand & Shale
3110	3275	165	Anhydrite, Sand & Dolomite
3275	3980	705	Dolomite & Sand

FORMATION TOPS

1430' Top Anhydrite
1530' Top Salt
2802' Base Salt
2962' Top Yates
3303' Top Seven Rivers
3800' Top Queen

