

046164 (a)

N.M.

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

RECEIVED
JUL 2 1955

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Amerada Petroleum Corporation Address Drawer 1 - Monument, New Mexico
Lessor of Tract 1-1/2 Sec. 23, T. 20 S., R. 36 E., N.M.P.
Well No. 12 Sec. 23 20-S 36-E Meridian N.M.P. County Lea
Location 660 ft. S. of N. Line and 660 ft. E. of W. Line of 23 Elevation 3585 ft.
(Derrick floor relative to 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]
Date June 30, 1955 Title Foreman

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

Commenced drilling June 6, 1955 Finished drilling June 12, 1955

OIL OR GAS SANDS OR ZONES
Denote gas by G
No. 1, from 3805' to 3836' No. 4, from 3805' to 3836'
No. 2, from 3805' to 3836' No. 5, from 3805' to 3836'
No. 3, from 3805' to 3836' No. 6, from 3805' to 3836'
No. 1, from 3805' to 3836' No. 3, from 3805' to 3836'
No. 2, from 3805' to 3836' No. 4, from 3805' to 3836'

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		1350'	Guide				
5-1/2"	13	8		3890'	Plug				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	1367'	300	Halliburton		
5-1/2"	3890'	400	Halliburton		

PLUGS AND ADAPTERS

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

ACIDIZING & FRACTURING

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Acidized 5-1/2" OD casing perforations from 3805' to 3836' with 500 gallons 15% LST Acid. Sand-oiled 5-1/2" OD casing perforations with 20,000 gallons of oil and with 20,000 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

_____, 19____ Put to producing June 16, 1955
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, °Bé. 83
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas 30.2 corrected
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller H.E. Brigran _____, Driller T.L. Hensen
_____, Driller W.E. Morris _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	6'	6'	Cellar
6'	1348'	1342'	Red Beds
1348'	1450'	102'	Anhydrite
1450'	2647'	1197'	Anhydrite, salt and shale
2647'	2798'	151'	Anhydrite and shale.
2798'	2934'	136'	Sand, Anhydrite and shale
2934'	3088'	154'	Sand, Anhydrite and Dolomite.
3088'	3890'	802'	Dolomite and sand.

SEHLINGER TOPS

Anhydrite
Top Salt
Base Salt
Top Yates
Base Yates
Top Queens
Penrose

1348'
1450'
2647'
2798'
2934'
3613'
3785'

FORMATION RECORD—Continued

[illegible]

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 "detracked" 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.

[illegible]

WELL-HISTORY

CIVIC RECORD

Spudded 12-1/2" hole at 11:30 AM, 6-6-55. Finished 12-1/2" hole to 1370' at 11:15 AM, 6-8-55. Ran 32 joints of 8-5/8" OD casing set at 1367' and cemented with 800 sacks. Cement circulated. Started drilling 7-7/8" hole from 1370' at 3:00 PM, 6-9-55. Drilled with 400 sacks. Ran 126 joints of 5-1/2" OD casing set at 3890' with 400 sacks. Ran Temperature survey and found top of cement outside 5-1/2" OD casing at 598' or 117% fill. Ran Schlumberger Gamma Ray, Neutron and Induction Log from surface to 3890'. Perforated 5-1/2" OD casing with 124 type "H" bullets. Ran 126 joints 2-3/8" OD LUE tubing set at 3860', 6-14-55. Acidized 5-1/2" OD casing perforations from 3805' to 3836' with 500 gallons 15% LST Acid. Sand-oiled 5-1/2" OD casing perforations with 20,000 gallons of oil & with 20,000 lbs. of sand. Run

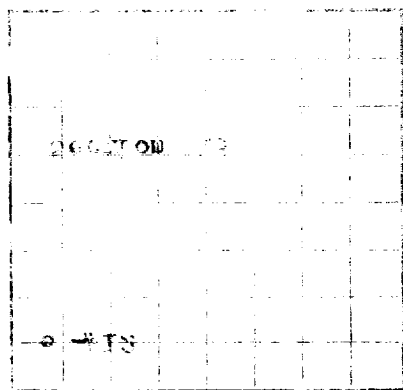
COMPLETION REPORT

Pumped 11.57 barrels oil & 2.33 barrels of water in 4 hours on 14-48"; Gas Vol. 134.530 cfd; GOR 1938; Gravity 30.2 corrected; 24 hour rate: 69.42 barrels of oil & 13.98 barrels of water. Well completed 6-16-55.

DEVIATION SURVEYS

400' - 1/4 deg.; 791' - 1 deg.; 1123' - 1/2 deg.; 1622' - 1 deg.; 2156' - 1-1/2" deg.; 2575' - 1-1/2 deg.; 3055' - 2 deg.; 3486' - 1-1/2 deg.; 3721' - 1-1/2 deg.

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UNITED STATES

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