

U. S. LAND OFFICE Jicarilla Apache
SERIAL NUMBER Contract 11, Tract 19
LEASE OR PERMIT TO PROSPECT _____

• B#3

Section 19

LOCATE WELL CORRECTLY

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 Jicarilla Apache "B" Field Undesignated State New Mexico
Well No. 3 Sec. 19 T. 24-N R. 5-W Meridian NMPM County Rio Arriba
Location 990 ft. W of N Line and 990 ft. E of W Line of Section 19 Elevation 6477'
(Elevations given 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 Jeff Eason

Date September 20, 1955 Title Foreman

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

Commenced drilling August 31, 1955 Finished drilling September 7, 1955.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2078 to 2128 No. 4, from to
No. 2, from to No. 5, from 5115 to 5125
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from None to None No. 3, from None to None
No. 2, from None to None No. 4, from None to None

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
-7/8u	24	8-B	Lone Star	1961	Cutler				
-1 1/2u	19-20	8-A	Tat. Tub	1962	Milcut				
HISTORY OF ONE ON EYE MENT									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
-5/8"	153'	75	Halliburton		
-1/2"	2082'	200	Halliburton		

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
Sand-oil fractured 4-3/4" open hole from 2082' to 2128' with 13,000 gals. #2 Diesel and 15,000# 20-40 Sand.						

TOOLS USED

Rotary tools were used from 0 feet to 21281 feet, and from feet to feet

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

DATES

Put to producing ~~not connected~~, 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 772,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. ----- **535** -----

EMPLOYEES

_____ Driller

_____ D. E. Knoden _____ E. E. Foster
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	6'	6'	Cellar
6'	160'	154'	Sand & Shale
160'	481'	321'	Schle
481'	1142'	661'	Shale & Sand
1142'	1504'	362'	Sand & Shale
1504'	1660'	156'	Shale & Sand
1660'	2082'	422'	Sand & Shale
2082'	2128'	46'	Sand
	2128'		Total Depth

[OVER]

Office of Naval Research
Contract Number N00014-67-1-0001
Task of Naval Research

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

NOT REPLY CORRECTLY

•Dep 7/3 - 18761 : •Dep 7/3 - 15351 : •Dep 2/1 - 1206 : •Dep 2/1 - 1539

DEVIATION SURVEYS

Flowed 3 bbls. diesel oil and 10 bbls. water in 12 hours thru 1" choke.

COMPLETION REPORT

ONE OR GAS SANDS OR ZONES
(Specify in 10)

Spudded 12-1/4" hole on 8-31-55. Drilled to 160' and set 8-5/8" OD casing 153' with 75 sacks cement. Drilled 7-7/8" hole from 160' to 2082' and set 9-1/2" OD casing at 2082' with 200 sacks. Top of cement at 405' outside 5-1/2" casing or 135.3% fill. Ran Schlumberger logs and detail surveys before running 5-1/2" OD casing. Schlumberger top of pictured cliff at 2078'. Drilled 4-3/4" hole from 2082' to 2182. Ran 2-3/8" OD EUE tubing set at 2099' and sand-oil fractured open hole from 2082' to 2128' with 13,000 gallons #2 Diesel oil and 15,000# 20-40 sand. Released rig at 4 PM, 9-8-55.

CASING RECORD

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.

HISTORY OF OIL OR GAS WELL

FROM	TO	TOTAL FEET	FORMATION
0	1	1	Shale
1	2	2	Sandstone
2	3	3	Limestone
3	4	4	Gypsum
4	5	5	Clay
5	6	6	Siltstone
6	7	7	Mudstone
7	8	8	Granite
8	9	9	Diorite
9	10	10	Gabbro
10	11	11	Basalt
11	12	12	Andesite
12	13	13	Rhyolite
13	14	14	Trachyte
14	15	15	Dacite
15	16	16	Obsidian
16	17	17	Scoria
17	18	18	Pumice
18	19	19	Volcanic ash
19	20	20	Sedimentary rock
20	21	21	Igneous rock
21	22	22	Metamorphic rock
22	23	23	Sedimentary rock
23	24	24	Igneous rock
24	25	25	Metamorphic rock
25	26	26	Sedimentary rock
26	27	27	Igneous rock
27	28	28	Metamorphic rock
28	29	29	Sedimentary rock
29	30	30	Igneous rock
30	31	31	Metamorphic rock
31	32	32	Sedimentary rock
32	33	33	Igneous rock
33	34	34	Metamorphic rock
34	35	35	Sedimentary rock
35	36	36	Igneous rock
36	37	37	Metamorphic rock
37	38	38	Sedimentary rock
38	39	39	Igneous rock
39	40	40	Metamorphic rock
40	41	41	Sedimentary rock
41	42	42	Igneous rock
42	43	43	Metamorphic rock
43	44	44	Sedimentary rock
44	45	45	Igneous rock
45	46	46	Metamorphic rock
46	47	47	Sedimentary rock
47	48	48	Igneous rock
48	49	49	Metamorphic rock
49	50	50	Sedimentary rock
50	51	51	Igneous rock
51	52	52	Metamorphic rock
52	53	53	Sedimentary rock
53	54	54	Igneous rock
54	55	55	Metamorphic rock
55	56	56	Sedimentary rock
56	57	57	Igneous rock
57	58	58	Metamorphic rock
58	59	59	Sedimentary rock
59	60	60	Igneous rock
60	61	61	Metamorphic rock
61	62	62	Sedimentary rock
62	63	63	Igneous rock
63	64	64	Metamorphic rock
64	65	65	Sedimentary rock
65	66	66	Igneous rock
66	67	67	Metamorphic rock
67	68	68	Sedimentary rock
68	69	69	Igneous rock
69	70	70	Metamorphic rock
70	71	71	Sedimentary rock
71	72	72	Igneous rock
72	73	73	Metamorphic rock
73	74	74	Sedimentary rock
74	75	75	Igneous rock
75	76	76	Metamorphic rock
76	77	77	Sedimentary rock
77	78	78	Igneous rock
78	79	79	Metamorphic rock
79	80	80	Sedimentary rock
80	81	81	Igneous rock
81	82	82	Metamorphic rock
82	83	83	Sedimentary rock
83	84	84	Igneous rock
84	85	85	Metamorphic rock
85	86	86	Sedimentary rock
86	87	87	Igneous rock
87	88	88	Metamorphic rock
88	89	89	Sedimentary rock
89	90	90	Igneous rock
90	91	91	Metamorphic rock
91	92	92	Sedimentary rock
92	93	93	Igneous rock
93	94	94	Metamorphic rock
94	95	95	Sedimentary rock
95	96	96	Igneous rock
96	97	97	Metamorphic rock
97	98	98	Sedimentary rock
98	99	99	Igneous rock
99	100	100	Metamorphic rock