

30. Indian Agency

U. S. LAND OFFICE Albuquerque, New Mexico

SERIAL NUMBER Cont. 11-Tract #19

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 Box 2469, Durango, Colorado
Lessor or Tract Federal Gov't. (Apache) Field Basin, Dakota State New Mexico
Well No. 13 Sec. 29 T. 24N R. 2E Meridian GNPM County Rio Arriba
Location 1000' ft. S. of N. Line and 1000' ft. W. of E. Line of Section 29 Elevation 6707'
(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.

Date April 10, 1963 Title Production Foreman

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

Commenced drilling ----- March 16, 1963 ----- Finished drilling ----- March 30, 1963 -----

OK OR GAS SANDS OR ZONES CORP. #/Unit April 5, 1963

(Denote gas by G)

No. 1, from 2317'-2405' to F-C - G ----- No. 4, from 6545'-6670' to Graneros - G -----
Cntd. thru D.V. Tool @ 2446' & Protected
No. 2, from F-C zone. Top of to ----- No. 5, from 6601'-6796' to Sakota - G -----
of Cnt. @ 1900'
No. 3, from 5546'-6170' to Gallup zone ----- No. 6, from Producing from to Above - See Below -----
Cntd. off. Top of Cnt. @ 5380' **IMPORTANT WATER SANDS**

No. 1, from None encountered to _____
No. 2, from _____ to _____
No. 3, 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—	
8-5/8"	24#	8	J55	235'	11	none - Cement circulated.			
3-1/2"	9-22	100	J55	615'	None	none - Producing string			
3-1/2"	String has D. V.	String Test at 2446'	String Test at 2446'	Cemented w/75 Sal. Cement.					
Top of	cat. outside 3 1/2"	Casing above D. V. Test		1900'.					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
3-5/8"	235'	175	Halliburton	- Cement Circulated	
3-1/2"	6815'	350	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material none Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
None - see below for perforating record.						

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

Put to producing Waiting on Sales Conn. from EPAC
8-1-62

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 _____

Back pressure 6 lbs. per sq. in. 304 3/4" choke Clear Dist. 5/24 Mrs.

BU# - 3/4" COOKE,
EMPLOYEES

-----, Driller
R. Nutzenbiller
 -----, Driller
G. Wilson
 -----, Driller

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
<u>FORMATION RECORD</u>			
0' to 6838' Land and Shale.			
<u>NO CORRELATION</u>			
<u>NO CORRELATION TABLE</u>			
FINAL LAND-WALL TOPS			
Kirtland-Fruitland	2059'	+4670'	Upper Gallup 5546' +1183'
Pictured Cliffs	2317'	+4412'	Lower Gallup 5761' + 968'
Lewis	2405'	+4324'	Senassee 6170' + 559'
La Ventana "A"	3122'	+3607'	Lower Mancos 6265' + 464'
Base La Ventana "A"	3272'	+3457'	Greenhorn 6473' + 256'
Allison-Cleary	3816'	+2913'	Prateros 6548' + 181'
Point Lookout	4477'	+2252'	U. Dakota 6690' + 39'
Mancos	4687'	+2042'	Lower Dakota 6796' - 67'

4-3-63 - Drilled out D. v. Staging tool at 2446' and finished drilling out to 6783' Ddb:
Tested 3 1/2" Casing with 4500# Press. for 1/2 hour - Held OK.
4-5-63 - Perforated by Lane-Wells from (6588'-6600') (6695'-6710') (6721'-6741') w/1-Hole &
Balliburton Sand-Water fractured Dakota Zone thru above perforations down
3 1/2" Casing w/60,000# Land & 56,540 Gals. water, Max. Press. 4150#, Avg. Inf. rate
20 BPH, dropped 21 balls in batches of 6-5-5-5, no increase in pressure.
Opened to pit at 5:11 P.M. 4/5/63, flowed back fracture water and took gas Vol. Test.
well flowed gas in 6 Hrs. at the rate of 700 MCF daily, & 4-8ols. clear Dist.
in calc. 24 Hrs. period, w/Csg. Press. 80# on 3/4" choke, well had stabilized
on 6 hour test.

[OVER]

16-43094-4

[illegible]

16-43004-2 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.

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COMMUNIST PARTY OF THE UNITED STATES OF AMERICA

1936-1937

THE UNIVERSITY OF CHICAGO PRESS

1940

LOG OF GIP UB ONE MEET

DEUTSCHE BROSCHEN

DEPARTMENT OF THE INTERIOR
UNITED STATES

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RECEIVED
JAN 17 1968

U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C.

OFFICE OF THE SECRETARY
WASHINGTON, D.C.

MEMORANDUM FOR THE SECRETARY
SUBJECT: [Illegible]

[Illegible text follows]