

RECEIVED
MAY 23 1961
F. B. I. COMM.
DIST. 3
DE

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **87 079065**
~~LEASE OR PERMIT TO PROSPECT~~

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
PRIOR
(83)
U.S. NATIONAL SURVEY
LABORATORY, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Artes Oil and Gas Company
Company _____ Address _____
Hagood _____ Total Gallup _____
Lessor or Tract _____ State _____
24-0 19 29W 13W N.M.P.M. San Juan
Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____
590 (N) S 1950 E Section 19 3432 G.I.
Location _____ of _____ Line and _____ ft. _____ of _____ Line of _____ Elevation _____
(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 May 18, 1961 Signed ORIGINAL SIGNED BY JOE C. SALMON
Joe C. Salmon
District Superintendent

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

Commenced drilling 5/4/61, 1961 Finished drilling 5/11/61, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from <u>5150</u> to <u>5160</u> <u>5180</u> to <u>5204</u> No. 2, from _____ to _____ No. 3, from _____ to _____	No. 4, from _____ to _____ No. 5, from _____ to _____ No. 6, from _____ to _____
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IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	202	175	displacement		
4 1/2	5279	400	two plug		
2 3/8	5175	---			

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 Fraced with 55,000# sand, 1615 Hbls. oil, flushed with 180 Hbls. oil						
Breakdown pr. - 1800, Maximum - 3800, Avg. treating pr. - 2700, I.R. - 30 bpm						
Grossed 185 rubber ball sealers.						

TOOLS USED

TOOLS USED **P.B.T.D.- 5248**

Rotary tools were used from 0 feet to 5280 feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing 5/17/61, 19____

The production for the first 24 hours was 276----- barrels of fluid of which 100% was oil; 0-----% emulsion; 0-----% water; and 0-----% 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 _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	205	205	surface
205	1435	1230	sand and shale
1435	2868	1433	sand and shale
2868	3927	1059	sand and shale
3927	4960	1033	sand and shale
4960	5280	320	sand and shale
			PICTURED CLIFFS- 1125 CLIFF HOUSE- 2685 POINT LOOKOUT- 3610 GALLUP - 4827
FROM-	TO-	TOTAL FEET	FORMATION

PICTURED CLIFFS- 1125
 CLIFF HOUSE- 2685
 POINT LOOKOUT- 3610
 GALLUP - 4827

