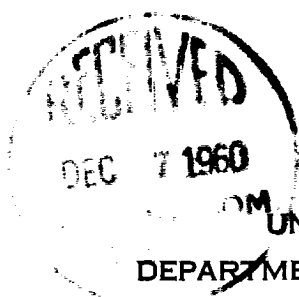


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U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 111 - 01772A
LEASE OR PERMIT TO PROSPECT 12-12

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Aztec Oil and Gas Company Address Drawer # 570, Farmington, New Mex.
Lessor or Tract Reid Field Angel Peak Ext. State New Mexico
Well No. 21-D Sec. 19 T. 26N R. 9W Meridian N.M.P.M. County San Juan
Location 1840 ft. [N. 1/2] of S Line and 930 ft. [E. 1/2] of W Line of Section 19 Elevation 5906 G.L.
(Depth from 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 _____ **Joe C. Salmon**
 Title _____ **District Superintendent**

Date _____ **November 30, 1960**

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

Commenced drilling 10/24/60, 1960 Finished drilling 11/8/60, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6402 to 6426 (a) No. 4, from _____ to _____
 No. 2, from 6468 to 6490 (a) No. 5, from _____ to _____
 No. 3, from 6568 to 6582 (a) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ 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	8rd	J-55	32	NO. 100	NO. 100	NO. 100	NO. 100	NO. 100
4 1/2	12.60	8rd	J-55	1387	NO. 100	NO. 100	NO. 100	NO. 100	NO. 100
4 1/2	9.5	8rd	J-55	5260	NO. 100	NO. 100	NO. 100	NO. 100	NO. 100
2 3/8	4.7	8rd	J-55	6357	NO. 100	NO. 100	NO. 100	NO. 100	NO. 100

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	335	225	displacement		
4 1/2	6665	400	two plug		
2 3/8	6367				

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-water fraced with 60,000# sand and 1980 Bbls. water. Breakdown pr. - 1400#						
Treating pr. 2200#, dropped 140 rubber ball sealers, I.R. 37 bbl, 5-min. shut-in 50						

TOOLS USED

Rotary tools were used from 0 feet to 6666 feet, and from _____ feet to _____ feet.
Cable tools were used from 0 feet to 6665 feet, and from _____ feet to _____ feet.

DATES

_____ 11/12/60 _____, 19____ Put to producing _____, 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 ----- 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	340	340	Surface
340	750	410	Sand and Shale
750	2095	1345	Sand and Shale
2095	3005	910	Sand and Shale
3005	3905	900	Sand and Shale
3905	4430	525	Sand and Shale
4430	4755	325	Sand and Shale
4755	4930	175	Shale
4930	5275	345	Sand and Shale
5275	5725	450	Sand and Shale
5725	6310	585	Sand and Shale
6310	6666	356	Sand and Shale

PICTURED CLIFFS - 2098, CLIFF HOUSE - 3670, POINT LOOKOUT - 4350,
GALLUP - 5534, GREENHORN 6296, DAKOTA 6400.

15-00000

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

U. S. GOVERNMENT PRINTING OFFICE

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