Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

SF - 077651

RECEIVED AUG 3 1959 OIL CON. COM. DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED JUL 31 1959 U. S. GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Aztec Oil and Gas Company Address Box # 786, Farmington, N. Mexico

Lessor or Tract Richardson # 5 Field Blanco-Mesaverde State New Mexico

Well No. 5 Sec. 21 T. 31N R. 12W Meridian N.M.P.M. County San Juan

Location 1850 ft. N. of N Line and 1660 ft. W. of E Line of Section 21 Elevation 6145 (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.

Signed ORIGINAL SIGNED BY JOE C. SALMON
Joe C. Salmon

Date July 30, 1959 Title District Superintendant

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

Commenced drilling 6/15/59, 19 Finished drilling 7/1/59, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4876 to 4883 (G) No. 5, from 5040 to 5046 (G)

No. 2, from 4883 to 4946 (G) No. 6, from 5070 to 5087 (G)

No. 3, from 4952 to 4961 (G) No. 7, from 5090 to 5103 (G)

No. 4, from 4973 to 4990 (G) No. 8, from 5118 to 5124 (G)

No. 9, from 5130 to 5136 (G)

No. 10, from 5148 to 5155 (G)

IMPORTANT WATER SANDS

No. 1, from to No. 3, from to

No. 2, 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 From—	Perforated To—	Purpose
10-3/4	32.75	8 rd	U-40	150.33					
7	20	8 rd	J-55	2869.61					
7	23	8 rd	J-55	205.77					
2-3/8	4.7	10 rd	J-55	5185					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	163'	135	displacement		
7	5186	95	two-plug		
2-3/8	5116	—			

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 1600 bbls. water and 100,000# sand and 129 rubber ball sealers. Breakdown pressure 300#, treating pressure 700#, I.R. 51 bpm.						

TOOLS USED

Rotary tools were used from 0 feet to 5186 feet, and from feet to feet

Cable tools were used from 0 feet to 5159 feet, and from feet to feet

DATES

, 19 Put to producing July 30, 1959

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 AOF - 2510 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1015

EMPLOYEES

, Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	165	165	Surface
165	287	122	Shale
287	1175	888	Shale and Sand
1175	1473	298	Shale and Sand
1473	2118	645	Shale
2118	2707	589	Shale and Sand
2707	3818	1111	Shale
3818	3966	148	Shale
3966	4136	170	Sand and Shale
4136	4303	167	Shale
4303	4528	225	Shale
4528	4775	247	Shale
4775	4921	146	Sand and Shale
4921	4997	76	Sand and Shale
4997	5180	183	Sand and Shale
5180	5186	6	Sand and Shale

Tops of Formations:
Pictured Cliffs 2518
Cliff House 4174
Menefee 4300
Point Lookout 4876

(OVER)

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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 "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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