Form 9-330

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM 09979
LEASE OR PERMIT TO PROSPECT Robinson

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Aztec Oil and Gas Company Address Drawer # 570, Farmington, New Mex.
Lessor or Tract Robinson Field Undesignated State New Mexico
Well No. 4-D Sec. 22 T. 28N R. 13W Meridian N.M.P.M. County San Juan
Location 790 ft. {N./S.} of N Line and 790 ft. {E./W.} of W Line of Section 22 Elevation 6048 G.L.
(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 January 18, 1961 Title District Superintendent

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

Commenced drilling 11/29/60, 19____ Finished drilling 12/11/60, 19____

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 6273 to 6288 (G) No. 4, from ____ to ____
No. 2, from 6333 to 6317 (G) No. 5, from ____ to ____
No. 3, from ____ to ____ No. 6, from ____ to ____

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
8 5/8	24	8rd	J-55	310					
4 1/2	11.6	8rd	J-55	1295					
4 1/2	9.5	8rd	J-55	5984					
2 3/8	4.7	8d	J-55	6292					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	321	225	displacement		
4 1/2	6499	500	two plug		
2 3/8	6240	---			

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 64,000 # sand, and 1545 bbls. water, flushed with 240 Bbl.water pumped in at 2400#, dropped 60 rubber ball sealers, I.R. 1/2 bpm, 5- min. shut in - 1350#						

TOOLS USED

Rotary tools were used from 0 feet to 6500 feet, and from ____ feet to ____ feet
Cable tools were used from 0 feet to 6479 feet, and from ____ feet to ____ feet

DATES

____, 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 AOF - 485 Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. 1903

EMPLOYEES

____, Driller ____, Driller
____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	325	325	Surface
325	927	602	sand and shale
927	2725	1798	sand and shale
2725	3640	915	sand and shale
3640	4903	1263	sand and shale
4903	5605	702	sand and shale
5605	5730	125	sand and shale
5730	5790	60	coring
5790	6183	393	sand and shale
6183	6500	317	sand and shale

PICTURED CLIFFS - 1688, GALLUP - 5220, DAKOTA - 6273

FOLD | MARK

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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.