Form 9-330

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

Indian Agency-Dulce
U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT
Contract 125

RECEIVED OCT 30 1959 OIL CON. COM. DIST. 3

RECEIVED OCT 29 1959 U. S. GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Aztec Oil and Gas Company Address Box 735, Farmington, New Mexico
Lessor or Tract Arizona-Jicarilla Field South Blanco State New Mexico
Well No. 4 Sec. 36 T. 25N R. 4W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. [N.] of S. Line and 990 ft. [E.] of W. Line of Section 36 Elevation 7291 (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 October 27, 1959 Title District Superintendent

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

Commenced drilling 9/20/59, 19 Finished drilling 9/26/59, 19

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3614 to 3632 (G) No. 4, from to
No. 2, from 3636 to 3665 (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	8r	J-55	162					
4 1/2	9.5	8r	J-55	3746					
2 3/8	4.7	8r	J-55	3652					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	169	100	displacement		
4 1/2	3753	100	two plug		
2 3/8	3653	—			

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
Dowell-Star fracture with 2,100 gallons water, 7140 gallons fluid, 60,000# sand						
Breakdown pressure - 2700, fracting pressure - 2000, i.r. - 11.5 bpm final pressure 700#						

TOOLS USED

Rotary tools were used from 0 feet to 3753 feet, and from feet to feet
Cable tools were used from 0 feet to 3753 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 F 1,950 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 500

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	328	328	Surface
328	977	649	Sand and Shale
977	2091	1114	Sand and Shale
2091	2885	794	Sand and Shale
2885	3614	729	Sand and Shale
3614	3621	07	Sand and Shale
3621	3750	129	Sand and Shale

[OVER]

16—43094-4

Top of Pictured Cliffs - 3571'

FOLD

MARK

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.