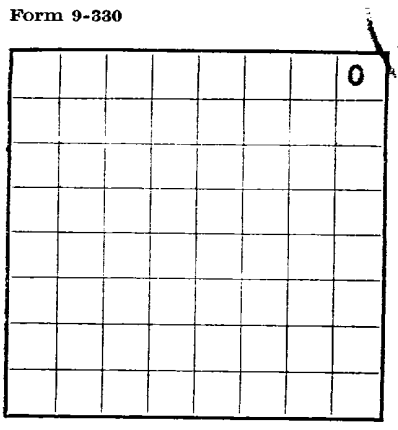
Form 9-330

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF - 077874
LEASE OR PERMIT TO PROSPECT Banks

RECEIVED
SEP 15
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 & Gas Company Address Drawer # 570, Farmington, N. M.
Lessor or Tract Banks Field Wildcat Dakota State New Mexico
Well No. 13-D Sec. 12 T. 27N R. 10W Meridian N.M.P.M. County San Juan
Location 1010 ft. {N/S} of N Line and 810 ft. {E/W} of E Line of Section 12 Elevation 6360 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 Sept. 7, 1960 Title District Superintendent

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

Commenced drilling 7/19/60, 19 Finished drilling 8/13/60, 19

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 6754 to 6792 (G) No. 4, from ____ to ____
No. 2, from 6668 to 6678 (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
13 3/8	48	8rd	J-55	303					
4 1/2	11.60	8rd	J-55	1515					
4 1/2	9.5	8rd	J-55	5374					
2 3/8	4.7	8rd	J-55	6499					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	314	275	displacement		
4 1/2	6898	300	two plug		
2 3/8	6499				

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 1900 Bbls. water and 80,000# sand. Breakdown pr. - 2500# treating pressure - 2900#, 5 min. shut in - 600#						

TOOLS USED

Rotary tools were used from 0 feet to 7010 feet, and from ____ feet to ____ feet
Cable tools were used from 0 feet to 6868 feet, and from ____ feet to ____ feet

DATES

8/26/60, 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 AOF - 4603 Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. 1923

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	320	320	Surface
320	410	90	Sand and Shale
410	1162	752	Sand and Shale
1162	1870	708	Sand and Shale
1870	2135	265	Sand and Shale
2135	2597	462	Sand and Shale
2597	3206	609	Sand and Shale
3206	3430	225	Sand and Shale
3430	3613	183	Sand and Shale
3613	3717	104	Sand and Shale
3717	3955	238	Sand and Shale
3955	4262	307	Sand and Shale
4262	4468	206	Sand and Shale
4468	4673	205	Shale
4673	4767	94	Sand and Shale
4767	4989	222	Shale
4989	5200	211	Shale
5200	5420	220	Shale
5420	5854	434	Shale
5854	5925	71	Sand and Shale
5925	6055	130	Shale
6055	6295	240	Shale
6295	6495	200	Shale
6495	6750	265	Shale
6750	6895	140	Sand
6895	6910	15	Shale

(OVER)

16—43091-4

TOP OF PICTURED CLIFFS - 2280 TOP OF DAKOTA - 6668'

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.