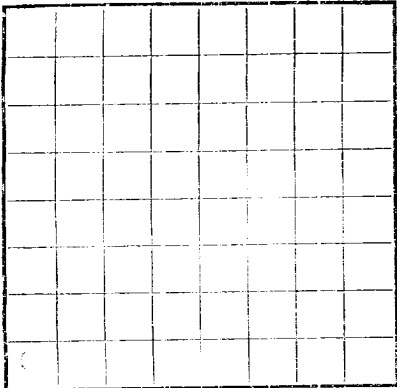




U. S. LAND OFFICE San Juan
SERIAL NUMBER 9500721
LEASE OR PERMIT TO PROSPECT CR-1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Aztec Oil & Gas Company Address Lawyer # 20, Farmington, New Mexico
Lessor or Tract Cs13 Field Basin Dakota State New Mexico
Well No. 16-D Sec. 16 T. 22N R. 3E Meridian N. 22.5 N. County San Juan
Location 1050 ft. 108 of S Line and 1170 ft. 12 of E Line of Section 30 Elevation 5657 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 Joe C. Salmon
Date September 14, 1961 Title District Superintendent

The summary on this page is for the condition of the well at above date.
Commenced drilling 8/17/61, 1961 Finished drilling 8/26/61, 1961

OIL OR GAS SANDS OR ZONES
(Devote gas by G)

No. 1, from 6374 to 6383 (G) No. 4, from 6383 to 6386 (G)
No. 2, from 6383 to 6432 (G) No. 5, from 6432 to 6433
No. 3, from 6433 to 6504 (G) No. 6, from 6504 to 6556 (G)

IMPORTANT WATER SANDS

No. 1, from 6374 to 6383 No. 3, from 6383 to 6386
No. 2, from 6383 to 6432 No. 4, from 6432 to 6433

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
1 5/8	24	8rd	J-55	315					
4 1/2	11.6	8rd	J-55	1202					
4 1/2	9.3	8rd	J-55	9366					
2 3/8	4.7	8rd	J-55	6322					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
2 3/8	327	225	1.00	1.00	
4 1/2	654	110 H/S 14, 100 reg.	1.00	1.00	
2 3/8	6334				

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
2 3/8	140 Bls.	52, 100	20/40	8/20/61	3400	3400
4 1/2	140 Bls.	52, 100	20/40	8/20/61	3400	3400
2 3/8	140 Bls.	52, 100	20/40	8/20/61	3400	3400

TOOLS USED S.T.D.-6565

Rotary tools were used from 0 feet to 6383 feet, and down feet to 6556 feet
Cable tools were used from 0 feet to 6383 feet, and from 6383 feet to 6556 feet

DATES

8/30/61, 1961 Put to producing , 1961

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 3418 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1405

EMPLOYEES

 , Driller , Driller
 , Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	333	333	sand and shale
333	1116	783	sand and shale
1116	1590	474	sand and shale
1590	1946	356	sand and shale
1946	2015	69	shale
2015	2681	666	sand and shale
2681	3355	674	sand and shale
3355	3427	72	sand and shale
3427	3508	81	sand
3508	3595	87	sand and shale
3595	3695	100	sand and shale
3695	4213	518	sand and shale
4213	4313	100	shale
4313	4513	200	sand and shale
4513	4620	107	shale
4620	5176	556	sand and shale
5176	5223	47	sand and shale
5223	5323	100	sand
5323	5509	186	sand and shale
5509	5609	100	shale
5609	5630	21	sand and shale
5630	5631	1	sand
5631	5632	1	sand and shale

FORMATION RECORD—Continued

[illegible]

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 16-49695-2