

U. S. LAND OFFICE **SANTA FE**SERIAL NUMBER **077922**

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **AZTEC OIL AND GAS COMPANY** Address **P. O. DRAWER 570 FARMINGTON, N. MEX.**
Lessor or Tract **MCGRATH** Field **BASIN DAKOTA** State **NEW MEXICO**
Well No. **C-1** Sec. **34** T. **30N** R. **12W** Meridian **N.M.P.M.** County **SAN JUAN**
Location **870** ft. **N.** of **S.** Line and **1190** ft. **W.** of **E.** Line of **SECTION 34** Elevation **5774** **s.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. SALMONTitle **DISTRICT SUPERINTENDENT**Date **MARCH 7, 1963**

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

Commenced drilling **FEBRUARY 7,** 19**63** Finished drilling **FEBRUARY 18**, 19**63**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **6387** to **6400** **G** No. 4, from _____ to _____
No. 2, from **6462** to **6481** **G** No. 5, from _____ to _____
No. 3, from **6542** to **6576** **G** 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		Purpose
							From—	To—	
8 5/8	24	8 rd.	J-55	311					
4 1/2	9.5	8 rd.	J-55	242					
2 3/8	4.7	8 rd.	J-55	6399					
1 1/2	11.6	8 rd.	J-55	1153					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	323	225	Displacement		
1 1/2	6637	925	Two Plug		
2 3/8	6408	----	-----		

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
Frased w/76,950 gals water & 72,000# sand, Breakdown pr.-1400#, Avg. Trtg. Pr.-2750#, Max. Trtg. Pr.-3000#, A.I.R.-30.6 bpm, flushed w/150 bbls, dropped 65 balls, I.S.I.-1500#, 10 min S.I.-1150#, Shut In for 1 hr., Perforated nipple- 6374".						

TOOLS USED

Rotary tools were used from _____ feet to **6637** feet, and from _____ feet to **6605** feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____
FEBRUARY 21 **63**
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 _____

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

Rock pressure, lbs. per sq. in. **ACF-1,577****1857**

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	325	325	Surface
325	604	279	Sand & Shale
604	1470	866	Sand & Shale
1470	2015	545	Sand & Shale
2015	2665	650	Sand & Shale
2665	2970	305	Sand & Shale
2970	3160	190	Sand & Shale
3160	3369	209	Sand & Shale
3369	3595	226	Sand & Shale
3595	3820	225	Shale
3820	3990	170	Sand & Shale
3990	4330	340	Sand & Shale
4330	4515	185	Sand & Shale
4515	4690	175	Sand & Shale
4690	4935	245	Sand & Shale
4935	5081	146	Sand & Shale
5081	5350	269	Sand & Shale
5350	5471	121	Sand & Shale
5471	5670	199	Sand & Shale
5670	5778	108	Sand & Shale
5778	5922	144	Sand & Shale
5922	6040	118	Sand & Shale
6040	6125	85	Sand & Shale
6125	6291	166	Sand & Shale
6291	6351	60	Sand & Shale

FORMATION RECORD—CONTINUED

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
6291	6351	60	Sand & shale
6351	6401	50	Sand & shale
6401	6461	60	Sand & shale
6461	6481	23	Sand
6481	6567	83	Sand & shale
6567	6588	21	Sand
6588	6637	49	Sand
6637			Total Depth

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.