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

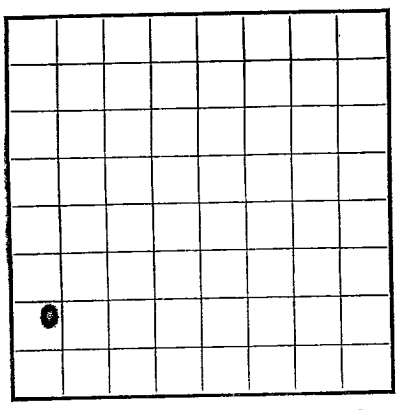
Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 077056
LEASE OR PERMIT TO PROSPECT Cousens

RECEIVED
AUG 15 1961
OIL CON. COM.
DIST. 3

RECEIVED
AUG 14 1961
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, New Mexico
Lessor or Tract Cousens Field Basin Dakota State New Mexico
Well No. 6-D Sec. 18 T. 29N R. 11W Meridian N.M.P.M. County San Juan
Location 1850 ft. [N.] of S Line and 790 ft. [E.] of W Line of Section 18 Elevation 5648 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 August 10, 1961 Title District Superintendent

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

Commenced drilling 7/9/61, 19..... Finished drilling 7/24/61, 19.....

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 6221 to 6296 (G) No. 4, from ..... to .....
No. 2, from 6300 to 6330 (G) No. 5, from ..... to .....
No. 3, from 6490 to 6498 (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 From—	Perforated To—	Purpose
8 5/8	24	8rd	A-SS	302					
4 1/2	10.5	8rd	A-SS	6509					
2 3/8	4.7	8rd	A-SS	6405					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	301	225	displacement		
4 1/2	6509	850	two plug		
2 3/8	6215				

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 fracced with 68,000# sand, 1403 Bbls. water, flushed with 160 Bbls. water. Breakdown pr. - 1400, I.R. - 42.4 bpm, Maximum- 2900, Av.- 2550, 5 min. shut-in-1150. dropped 115 rubber ball sealers.				A		

TOOLS USED

Rotary tools were used from 0 feet to 6510 feet, and from none feet to ..... feet
P.B.T.D.- 6481
Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

DATES

7/28/61, 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- 3709 Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. 1962

EMPLOYEES

....., Driller ....., Driller
....., Driller ....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION	
0	315	315	surface	
315	1075	760	sand and shale	
1075	2010	935	sand and shale	
2010	2480	470	shale w/ sandy strks.	
2480	2964	484	sand and shale	
2964	3135	171	sand and shale	
3135	3535	400	sand and shale	
3535	4070	535	sand and shale	
4070	4397	327	shale w/ sandy strks.	PICTURED CLIFFS-4775
4397	4507	110	sand and shale	GALLUP- 6380
4507	4755	248	sand and shale	GREENHORN-6480
4755	4948	193	shale and siltstone	GRANEROS-6480
4948	5231	283	sand and shale	DAKOTA- 6500
5231	5421	190	shale w/ sandy shale	
5421	5518	97	sand and shale	
5518	5703	185	shale & silt	
5703	5745	42	shale w/ sandy strks.	
5745	6259	514	sand and shale	
6259	6268	9	sand	
6268	6338	70	sand and shale strks.	
6338	6359	21	sand and shale	
6359	6432	73	sand	
6432	6500	68	sand and shale	

FOLD MARK

(OVER)

18—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

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

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.