

A 10x10 grid with a small circle in the bottom right corner.

LOCATE WELL CORRECTLY

U. S. LAND OFFICE _____ Santa Fe ✓
SERIAL NUMBER **NM 03405** _____
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OR
AUG 18 1961

U. S. GEOLOGICAL SURVEY
ALBUQUERQUE, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Aztec Oil & Gas Company Address Drawer # 570, Farmington, New Mex.
Lessor or Tract A.D. Hudson Field Basin Dakota State New Mexico
Well No. 4-D Sec. 29 T. 27N R. 3W Meridian N.M.P.M. County San Juan
Location 1120 ft. N of S Line and 1210 ft. Ex of E Line of Section 29 Elevation 6410 G.L.

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.

ORIGINAL SIGNED BY JOE C. SALMON
Signed _____ Joe C. Salmon
Date August 16, 1961 Title District Superintendent

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

Commenced drilling 7/9/61, 1961 Finished drilling 7/27/61, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>6614</u> to <u>6632 (G)</u>	No. 4, from _____ to _____
No. 2, from <u>6704</u> to <u>6725 (G)</u>	No. 5, from _____ to _____
No. 3, from <u>6792</u> to <u>6802 (G)</u>	No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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—	
0 5/8	24	8rd	J-55	299					
4 1/2	11.2	8rd	J-55	1450					
4 1/2	9.5	8rd	J-55	5429					
2 3/8	4.7	8rd	J-55	6555					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	312	225	displacement		
4 1/2	6890	350 reg. 115 HY-400	two plug		
2 3/8	6566				

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 75,000/ sand, 1552 Bbls. water, flushed with 196 Bbls. water						
Breakdown pr. - 1500, Maximum - 2900, Avg. - 2700, I.R. - 30 bpm, dropped 80 rubber						
ball sealers.						

TOOLS USED

Rotary tools were used from 0 feet to 6890 feet, and from ~~2300~~ P.B.T.D. - 6823 feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

-----7/20/61-----, 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 AD-2568 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. -----1925-----

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	325	325	sand and shale
325	1170	845	shale
1170	1580	410	sand and shale
1580	2150	570	sand and shale
2150	2558	408	coal, sand, shale
2558	3148	590	sand and shale
3148	3694	546	sand and shale
3694	4309	615	sand and shale
4309	4483	174	sand and shale
4483	4656	173	sand, shale & coal
4656	4833	177	sand and shale
4833	5542	709	sand and shale
5542	5926	384	sand and shale
5926	6020	94	sand and shale
6020	6081	61	sand and shale (coring)
6081	6464	383	sand and shale
6464	6665	201	sand and shale
6665	6890	225	sand and shale

P.Cliffs- 2077
Cliff Hse.- 37
F.Lookout- 444
Gallup- 5723
Graneros- 6590

P.Cliffs- 2077
Cliff Hse.- 3780
F.Lookout- 4443
Gallup- 5723
Graneros- 6591
Dakota/18-48094-4
6706

6706

FORMATION RECORD—Continued

[illegible]

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 "sidertrucked" 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.