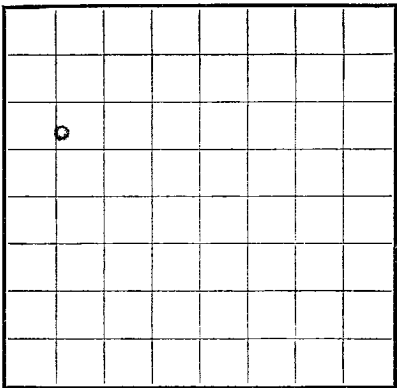




UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Aztec Oil & Gas Company Address Box 786, Farmington, New Mexico

Lessor or Tract Ute-Indian Field Verde-Gallup State New Mexico

Well No. 1-E Sec. 20 T. 31 R. 14 Meridian N.M.P.M. County San Juan

Location 1980 ft. XXX of N Line and 660 ft. XXX of W Line of Sec. 20 Elevation 5643'
(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

Date August 12, 1958 Title District Superintendent

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

Commenced drilling April 24, 19 58 Finished drilling June 10, 19 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2760 to 2846 oil

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, from _____ to _____

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—	
10 3/4	32.75#	8rd	H-40	95'					
5 1/2	14#	8rd	J-55	2739'	HOWCO				
2 3/8	4.7#	8rd	J-55	2797'			2784	2788	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	96'	100			
5 1/2	2751'	50			
2 3/8	2795'				

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 fill fraced open hole 2751-2846 with 820 bbls. oil 40,000# sand, flushed with 100 bbls. oil. Breakdown Pressure 100#, I.R. 44.1 bpm.						

TOOLS USED

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

Cable tools were used from 0 feet to 2846 feet, and from _____ feet to _____ feet

DATES

June 14, 19 58 Put to producing June 17, 19 58

The production for the first 24 hours was 131 barrels of fluid of which 100 % 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. _____

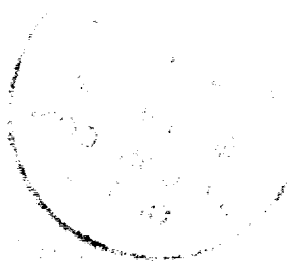
EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	4	4	Surface
4	40	36	Shale and Sandstone
40	55	15	Water Sand
55	75	20	Sand and Sandstone
75	90	15	Sand
90	94	4	Sandy Shale
94	97	3	Sand and Shale
97	115	18	Shale and Sandstone
115	146	31	Sand
146	177	31	Shale
177	260	83	Shale and Sandstone
260	290	30	Sand with water
290	300	10	Shale
300	345	45	Sand with water
345	351	6	Shale
351	405	54	Shale and Sandstone
405	421	16	Shale
421	438	17	Coal and Shale
438	445	7	Sand and Shale
445	460	15	Coal
460	480	20	Shale
480	502	22	Sand and Shale
502	522	20	Sand
522	541	19	Sand and Shale
541	560	19	Sand
560	606	46	Shale (continued on back of page)



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

10-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
606	658	52	sand and shale
658	720	62	shale
720	735	15	sand
735	758	23	water sand
758	787	29	shale
787	790	3	hard sand
790	815	25	shale
815	830	15	sand
830	895	65	sand and shale
895	948	53	sand with water
948	968	20	shale
968	980	12	sand and shale
980	1010	30	sand
1010	1025	15	shale
1025	1040	15	sand
1040	1070	30	shale
1070	1075	5	sand and shale
1075	1080	5	sand
1080	1108	28	shale
1108	1111	3	coal
1111	1134	23	shale
1134	1138	4	sand
1138	1154	16	coal
1154	1158	4	shale
1158	1167	9	sand with water
1167	1180	13	shale
1180	1215	35	sand
1215	1225	10	sand and shale
1225	1305	80	sand
1305	1320	15	sand and shale
1320	1330	10	shale
1330	1342	12	sand
1342	1353	11	shale
1353	1425	72	sand
1425	1440	15	sand and shale
1440	1450	10	shale
1450	1475	25	sand and shale
1475	1587	38	shale
1587	1588	1	sand
1588	1589	1	sand
1589	1590	1	sand
1590	1625	35	sand and shale
1625	1690	65	shale
1690	1694	4	sand and shale
1694	1750	156	sand
1750	2550	800	sand
2550	2600	50	sand and shale
2600	2673	73	shale
2673	2765	92	sand and shale
2765	2804	39	shale
2804	2846 TD	42	sand and shale
			Top: Lower Gallup 2760'