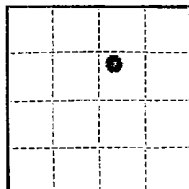


(SUBMIT IN TRIPLICATE)

Indian Agency Ute Indian



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee Ute Indian Tribal  
Lease No. Contract No.  
14-20-604-123

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 12,

Ute Indian S-D

Well No. 1 is located 1960 ft. from [N] line and 1960 ft. from [E] line of sec. 24

34/NE, Section 24  
(1/4 Sec. and Sec. No.)

T-31-N, R-13-W  
(Twp.) (Range)

N.M.P.M.  
(Meridian)

Verde-Gallup  
(Field)

San Juan  
(County or Subdivision)

New Mexico  
(State or Territory)

The elevation of the derrick floor above sea level is 5526 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Well was spudded November 15, 1958. 13 3/8" casing set at 100' with 100 sacks cement. Tested for 30 minutes with 900 lbs. pressure, no leaks. Drilled cement 11-16-58. Tested for 30 minutes with 900 lbs. pressure, no drop in pressure. Drilled to 2646. Set 5 1/2" casing at 2645 with 75 sacks cement, top of cement 2340. Set DV tool at 1915 with 75 sacks cement, top of cement 1940. Drilled cement 12-9-58. Tested for 2 hours with 900 lbs. pressure, pipe O.K. Drilled to Total Depth 2728, Ran logs, top of Lower Gallup 2667. Run-pil flow with 972 barrels oil and 40,000 lbs. sand. BHP 1650#, Treating Pr. 1100#, Final 100#, I.B. 52.6 bpm. Ran 2 1/8" tubing landed at 2646, installed rods and pump.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company ARDEC OIL & GAS COMPANY

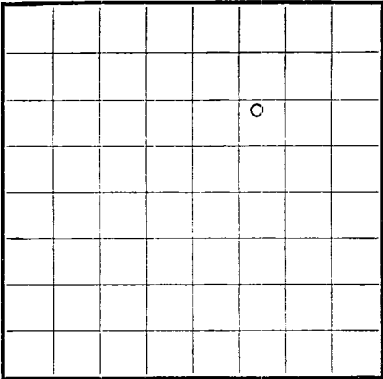
Address P O Box 786

Farmington, New Mexico

ORIGINAL SIGNED BY JOE C. SALMON

By Joe C. Salmon

Title District Superintendent



LOCATE WELL CORRECTLY

U. S. LAND OFFICE Ute Indian  
SERIAL NUMBER \_\_\_\_\_  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_  
Ute Indian Tribal Contract

UNITED STATES No. 14-20-604-123

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Aztec Oil & Gas Company Address P. O. Box 786, Farmington, N. M.  
Lessor or Tract Ute Indian Field Verde-Gallup State New Mexico  
Well No. 5-D Sec. 24 T. 31 R. 15 Meridian N.M.P.M. County San Juan  
Location 1980 ft. N. of N Line and 1980 ft. E. of E Line of Section 24 Elevation 5523  
(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 \_\_\_\_\_  
Date February 12, 1959 Title District Superintendent

The summary on this page is for the condition of the well at above date.  
Commenced drilling November 15, 1958 Finished drilling December 11, 1958

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

No. 1, from 2645 to 2728 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ 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 -	
13 3/8"	48#	8rd	H-40	100'					
5 1/2"	15.5#	8rd	J-55	2645'	HOTCO				
2 3/8"	4.7#	8rd	J-55	2646'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8"	100'	100	Displacement		
5 1/2"	2645'	75	Two-Plug		
2 3/8"	2646'				

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-oil	frac with	972 barrels oil and	40,000 lbs. sand	open hole	2645 to 2728	

TOOLS USED

Rotary tools were used from 0 feet to 1923 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 1923 feet to 2728 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

December 14, 1958 Put to producing December 16, 1958

The production for the first 24 hours was 157 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. \_\_\_\_\_

EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	96	96	Surface
96	130	34	Shale
130	1140	1010	Sand and Shale
1140	1245	105	Shale
1245	1345	600	Sand and Shale
1345	2670	825	Shale, show of oil 2313-23, Lower Gallup-
2670	2695	25	Sand and Shale 2667
2695	2712	17	Sand
2712	2728	16	Sand and Shale

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.

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