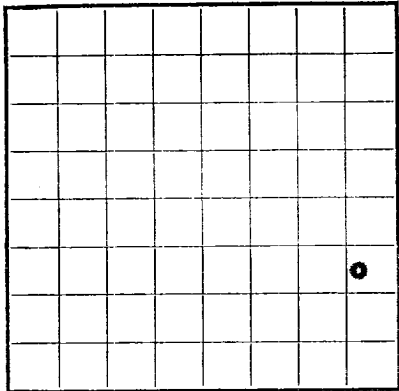




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER _____

LEASE OR PERMIT TO PROSPECT
Ute-Indian Mountain Tribal

No. 11-20-151-16

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Astec Oil & Gas Company Address P. O. Box 786, Farmington, New Mexico

Lessor or Tract Ute-Indian Field Wildcat State New Mexico

Well No. 1-A Sec. 15 T. 31 R. 15 Meridian N.M.P.M. County San Juan

Location 1980 ft. ^[N.] of 8 Line and 660 ft. ^[W.] of 8 Line of Section 15 Elevation 5818
(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 [Signature]

Date October 9, 1956 Title Drilling Superintendent

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

Commenced drilling April 3, 1956 Finished drilling April 20, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2119 to 2172 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—	
<u>9 5/8</u>	<u>32.30</u>	<u>8rd</u>	<u>H-40</u>	<u>94'</u>					
<u>7"</u>	<u>20 1/2</u>	<u>8rd</u>	<u>J-55</u>	<u>2081'</u>	<u>MONROE</u>				
<u>2 3/8"</u>	<u>1.78</u>	<u>8rd</u>	<u>J-55</u>	<u>2129'</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9 5/8</u>	<u>101</u>	<u>100</u>			
<u>7"</u>	<u>2087</u>	<u>25</u>	<u>Two-Plug</u>		
<u>2 3/8"</u>	<u>2139'</u>				

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
<u>Sand-oil frac with 13,414 gallons oil, 20,000 lbs. sand, flushed with 1,582 gallons oil. Breakdown Pressure 750 lbs., treating pressure 100 lbs., Injection Rate 36.5</u>						

TOOLS USED

Rotary tools were used from 0 feet to 2213 feet, and from _____ feet to _____ feet

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

DATES

_____, 1956 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 _____ 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
<u>0</u>	<u>119</u>	<u>119</u>	<u>Surface</u>
<u>119</u>	<u>395</u>	<u>276</u>	<u>Sand and Shale</u>
<u>395</u>	<u>730</u>	<u>335</u>	<u>Sand and Shale</u>
<u>730</u>	<u>997</u>	<u>267</u>	<u>Sand and Shale</u>
<u>997</u>	<u>1195</u>	<u>198</u>	<u>Sand and Shale</u>
<u>1195</u>	<u>1354</u>	<u>159</u>	<u>Sand and Shale</u>
<u>1354</u>	<u>1383</u>	<u>29</u>	<u>Sand and Shale</u>
<u>1383</u>	<u>1420</u>	<u>37</u>	<u>Sand and Shale</u>
<u>1420</u>	<u>1448</u>	<u>28</u>	<u>Sand and Shale</u>
<u>1448</u>	<u>1474</u>	<u>26</u>	<u>Sand and Shale</u>
<u>1474</u>	<u>1490</u>	<u>16</u>	<u>Shale</u>
<u>1490</u>	<u>1536</u>	<u>46</u>	<u>Sand and Shale</u>
<u>1536</u>	<u>1583</u>	<u>47</u>	<u>Sand and Shale</u>
<u>1583</u>	<u>1656</u>	<u>73</u>	<u>Sand and Shale</u>
<u>1656</u>	<u>1760</u>	<u>104</u>	<u>Sand and Shale</u>
<u>1760</u>	<u>1806</u>	<u>46</u>	<u>Shale</u>
<u>1806</u>	<u>1829</u>	<u>23</u>	<u>Shale and Sand</u>
<u>1829</u>	<u>1852</u>	<u>23</u>	<u>Shale and Sand</u>
<u>1852</u>	<u>1869</u>	<u>17</u>	<u>Shale</u>
<u>1869</u>	<u>1903</u>	<u>34</u>	<u>Shale</u>
<u>1903</u>	<u>1917</u>	<u>14</u>	<u>Shale and sand</u>
<u>1917</u>	<u>1941</u>	<u>24</u>	<u>Shale</u>
<u>1941</u>	<u>1953</u>	<u>12</u>	<u>Shale</u>
<u>1953</u>	<u>1975</u>	<u>22</u>	<u>Shale</u>
<u>1975</u>	<u>1993</u>	<u>18</u>	<u>Shale</u>

[OVER]

(over)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BIOLOGICAL SURVEY

LEW 240 20 40 30 20 1

[illegible]

OTI OF GAS BANDS OF NUMBER

INVESTIGATIVE REPORT

CHUCK CHASE

NOT RECORDED BY MAIL ON APRIL 20, 1956 - FILE WAS RECORDED, RECORDED BY MAIL ON APRIL 17, 1956. PLACED BACK TO FILE.

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 it, the work and its results. If there were any changes made in the casing, state fully, and if any casing was "saddled", or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. 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

FROM-	TO-	TOTAL FEET	FORMATION
1993	2000	7	Shale
2000	2077	77	Shale
2077	2090	13	Sand and Shale
2090	2136	46	Sand and Shale
2136	2150	14	Sand and Shale
2150	2175	25	Sand
2175	2223	38	Sands and Shale
Schlumberger Tape:			
Total 219			