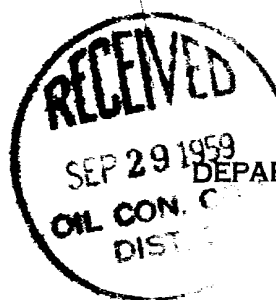


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____
#1 02985UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Astec Oil and Gas Company Address Box # 736, Aradison, N. Mexico
Lessor or Tract Whitney 2-1 Field Wilcox State New Mexico
Well No. 2-1 Sec. 17 T. 27N R. 11E Meridian N.M. County San Juan
Location 990 ft. N. of 5 Line and 990 ft. E. of 4 Line of Section 17 Elevation 6171
(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 September 24, 1959Title District Superintendent

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

Commenced drilling 9/24/59, 19____ Finished drilling 9/27/59, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6116 to 6156(1) 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—	
9 5/8	26.30	10	1012	1012					
5 1/2	15.5	8	1012	1012					
2 3/8	4.7	10	1012	1012					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	318	225			
5 1/2	5510	225	displacement		
2 3/8	6131	—	plug		

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
and water traced with 50,000' sand and 7,156 gallons water. Breakdown pressure 1575'						
Treating pressure - 2350, final pressure - 1300, I.P. - 41 bps						

TOOLS USED

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

DATES

_____, 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ADP 5807

957

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	226	226	Sand and Shale
226	325	99	Sand and Shale
325	1012	763	Sand and Shale
1012	2385	1297	Sand and Shale
2385	3230	895	Sand and Shale
3230	3785	505	Sand and Shale
3785	4410	625	Sand and Shale
4410	4780	370	Sand and Shale
4780	5111	331	Sand and Shale
5111	5302	193	Sand and Shale
5302	5528	226	Sand and Shale
5528	5772	244	Sand and Shale
5772	5911	139	Sand and Shale
5911	6234	323	Sand and Shale
6234	6443	209	Sand and Shale
6443	6510	67	Sand and Shale

FORMATION RECORD—Continued

Formation tops: Dakota - 6116, Graneros - 5372, Point Lookout - 4291,
Greenhorn - 6252, Pictured Cliffs - 1857, Lower Gallup - 5758, Sanostee - 5899'

