

Santa Fe

U. S. LAND OFFICE

SERIAL NUMBER 100-100000

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Astec Oil and Gas Company Address Box # 785, Farmington, New Mexico
Lessor or Tract Gravel Field Undesignated-Pictured Cliffs State New Mexico
Well No. 3 Sec. 18 T. 31N R. 11W Meridian N.M.P.M. County San Juan
Location 1100 ft. [N] of 3 Line and 960 ft. [E] of W Line of Section 18 Elevation 6129

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.

Date October 19, 1959 Signed JOE G. SALMON Title District Superintendent

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

Commenced drilling 9/18/59 1959 Finished drilling 9/21/59 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2665 to 2700 (9) 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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	99	75			
4 1/2	2733	100	displacement		
1	2708	—	two 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
Sand-water fraced with 1,000 bbls. water and 50,000# sand and 110 rubber ball sealer						
Breakdown pressure 2000#, treating pressure - 1300# Final pressure - 300#						

TOOLS USED

Rotary tools were used from 0 feet to 2350 feet, and from feet to feet.

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

DATE'S

_____	19_____	Put to producing _____	19_____
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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

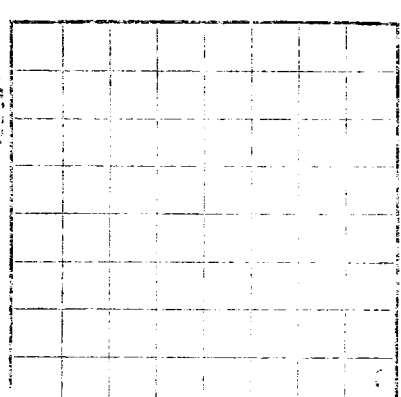
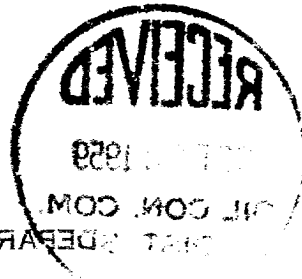
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	42	42	Sand-stone
42	100	58	Sand-stone
100	516	416	Sand and Shale
516	800	284	Shale
800	1345	545	Sand and Shale
1345	1663	318	Shale
1663	2314	651	Shale
2314	2528	214	Shale
2528	2800	272	Sand and Shale

FOKIZATION RECORD—CONTINUED (OVER)

18-12004-4

Top of Pictured Cliffs - 2665'



LOG OF OIL OR GAS WELL

Company _____
Lessor or Tract _____
Well No. _____
Location _____
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.

Date _____
The summary on this page is for the condition of the well at above date.
Commenced drilling _____
Finished drilling _____

OIL OR GAS SANDS OR ZONES

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

CASING RECORD

Casing	Weight per foot	Thrust per inch	Make	Amount	Kind of shoe	Cut and pulled from	Prepared	Purpose
							From	To

HISTORY OF OIL OR GAS WELL

Size casing	Weight per foot	Number of joints	Method used	Kind of gravel	Amount of sand used

PLUGS AND ADAPTERS

Adapter— _____
Size _____
Depth set _____

SHOOTING RECORD

Size	Shots used	Explosives	Quantity	Rate	Depth shot	Depth cleaned out

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

The production for the first 24 hours was _____ barrels of fluid of which _____ was oil, _____ gas.
It gas well, cut. per 24 hours _____
Rock pressure, lbs. per sq. in. _____
Gravity, °Bé. _____
Put to producing _____, 19____.

EMPLOYEES

Driller _____
Driller _____

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION