

RECEIVED
APR 4 1960
OIL CON. COM.
DIST. 3

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SP- 078198
LEASE OR PERMIT TO PROSPECT five

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PERMIT TO PROSPECT

RECEIVED

ERIOR

MAR 12 1960

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Astec Oil & Gas Company Address Box # 786, Farmington, New Mexico
 Lessor or Tract Nye Field Astec, Pictured State New Mexico
 Well No. 9 Sec. 1 T. 30N R. 11W Meridian N.M.P.M. County San Juan
 Location 910 ft. N of N Line and 990 ft. E of W Line of Section 1 Elevation 5974 G.L.
(Derive Area via the 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 March 30, 1960 Title Joe C. Salmon
District Superintendent

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

Commenced drilling 3/16/60, 1960 Finished drilling 3/20/60, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2552 to 2556 (0) 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
7 5/8	140	75	displacement		
2 7/8	2620	150	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 59 1/2 Hbls. water and 30,000# sand Breakdown pressure 2700# - Maximum treating pressure - 2000#, Minimum - 1700# I.R. - 1 1/2 bpi						

TOOLS USED

Rotary tools were used from 0 feet to 2521 feet, and from 2521 feet to 2564 feet

Cable tools were used from 0 feet to 2564 feet, and from 2564 feet to 2564 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 407 - 649 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 690

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	145	145	Surface
145	232	87	Sand & Shale
232	1008	773	Sand & Shale
1005	1238	233	Sand & Shale
1238	1839	601	Sand & Shale
1839	2485	646	Sand & Shale
2485	2615	130	Sand

FOURTH PAGE [OVER] FIVE

18-48094-4

Top of Pictured Cliffs formation - 2559'

