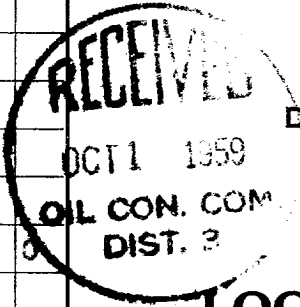
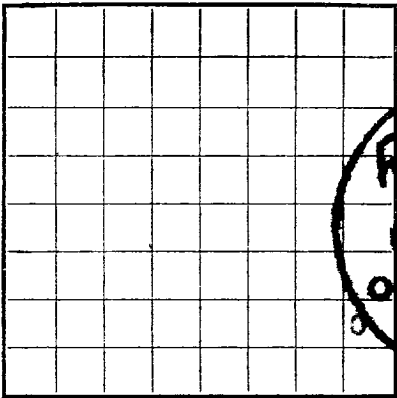
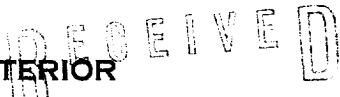


Indian Agency
U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT



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 # 786, Farmington, New Mexico
Lessor or Tract Arizona-Jicarilla Field South Blanco-Pictured Cliffs State New Mexico
Well No. 3 Sec. 35 T. 25N R. 4W Meridian N.M.P.M. County Rio Arriba
Location 1540 ft. N. of 5 Line and 1045 ft. W. of 5 Line of Section 35 Elevation 7270
(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
Title District Superintendent

Date September 24, 1959

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

Commenced drilling September 1, 1959, 19____ Finished drilling September 2, 1959, 19____

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

No. 1, from 3564 to 3536 (G) No. 4, from _____ to _____
No. 2, from 3503 to 3613 (G) 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—	
3-1/2	12.7	16	125	3589					
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
3-5/8	102	100			
4-1/2	3550	75	displacement		
2-3/8	3596		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
Sandstone fracture with 7,000# sand and 1170 bbls water and used 30 rubber ball sealers. Break down pressure - 3100#, fracturing pressure - 1700#, final pressure - 600# I.S. - 26 hrs						

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 ADV 2328 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 401

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	120	120	Surface
120	579	459	Shale
579	1700	1121	Sand and Shale
1700	2232	532	Sand and Shale
2232	2420	588	Sand and Shale
2420	3310	490	Sand and Shale
3310	3675	365	Sand and Shale
3675	3635	40	Sand and Shale

