

U. S. LAND OFFICE Santa FeSERIAL NUMBER Indian AllottedLEASE OR PERMIT TO PROSPECT Fred FranciscoUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company THE ATLANTIC REFINING COMPANY Address PO. BOX 520, CALERA, ALABAMALessor or Tract FRED FRANCISCO Field BISTI-LOWER BISTI State NEW MEXICOWell No. 1 Sec. 30 T. 22N R. 10W Meridian MPN County SAN JUANLocation 1980 ft. N. of 1980 Line and 1/2 ft. W. of E Line of Section 30 Elevation 5420
(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 R. D. KeenanDate 6-23-58 Title Operations Manager

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

Commenced drilling May 22, 1958 Finished drilling June 7, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5098 to 5172 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—	
8 5/8	24	8	C&I	220.06	Markin				Surface pipe
4 1/2	24.5	8	C&I	5149.16	Blair		5130	5114	Oil string
							5130	5172	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	234.13	200	Pump Plug		
4 1/2	5172.40	350	Pump Plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

PERFORATING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Perforations 5104-5114 and 5130-5172 were treated with 40000 gals. Bisti crude, 40,000/20/40 sand and 50 MC Balls. Average injection rate 29.0 BPH. Max. Treating Press - 3100 psi. Final 2900 psi.						

TOOLS USED

Rotary tools were used from 0 feet to 5172 feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing June 18, 1958The production for the first 24 hours was 322.11 barrels of fluid of which 77.7 % was oil; _____ % emulsion; _____ % water; and 3 % sediment. Gravity, °Bé. 37.6

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
0	1454		Leds, shale and sand interbedded.
1454	2262		Pictured Cliffs, Sandstone w/ some shale.
2262	4067		Mesa Verde, Sandstone, shale and coal.
4067	5076		Manos, shale with sand stringers.
5076	5172		Gallup, Interbedded sandstone and shale
			(5104-14 Upper Bisti)
			(5130-42 Lower Bisti)

