

[illegible]

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078631
LEASE OR PERMIT TO PROSPECT Foster "A"

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company PETRO-ATLAS CORPORATION Address 1010 N. Dustin, Farmington, N.M.
Lessor or Tract FOSTER "A" Field BALLARD EXT. State NEW MEXICO
Well No. 1 Sec. 8 T25N R. 7W Meridian N.M.P.M. County RIO ARriba
Location 790 ft. N of N Line and 1107 ft. W of W Line of SECTION 8 Elevation 6540
(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 Tom Bolash
Date December 21st, 1956 Title President

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

Commenced drilling September 24th, 19 56 Finished drilling October 25th, 19 56

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2283 to 2390 (a) 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 _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
5/8"	24#	8	J-55	91'	-	-	-	-	Surface
1 1/2"	15.5#	8	J-55	17 1/2'	Texas	-	-	-	Production
1 1/2"	14#	8	J-55	640#	Pattern	-	-	-	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8"	100	70	Pump & Plug		
1/2	2360	175	Pump & Plug		

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____

Adapters—Material None Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		None				

TOOLS USED

Rotary tools were used from ~~Surface~~_____ feet to **2421**_____ feet, and from _____ feet to _____ feet.

Cable tools were used ~~from~~ ^{to} drill in _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

Ran Tubing _____
 ----- November 12th -----, 1956 -----

State Potential Test
 Put to producing ----- December 20 -----, 1956 -----

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 2,185,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 637.4

EMPLOYEES

~~Benson-Montin-Greer~~....., Driller

Drilling Corp. _____, Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2178	2178	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
2178	2183	5	Coal
2183	2201	18	Shale
2201	2210	9	Coal
2210	2216	6	Shale
2216	2221	5	Coal
2221	2228	7	Shale
2228	2231	3	Coal
2231	2260	29	Shale
2260	2278	18	Coal
2278	2283	5	Shale
2283	2421	138	Sand
			TOP OF PICTURED CLIFFS 2283

~~TOP OF PICTURED CLIFFS 2283-~~

9-25-56 TD 100' RKB. Set 3 joints 91' of 8-5/8" OD 24# J-55 casing at 100' RKB with 70 sacks cement, circulated.

10-22-56 Moved in rotary.

10-25-56 TD 2421 RKB. Set 53 joints 1712.0 to 1721.0. J-55 casing and 20 joints 6401.0 of 6-1/2" OD. 10-25-56

11-1-56 Moved in cable (topis).

11-3-56 TD 24211. Plugged back to 23901 with calseal.

11-3-56 TD 2421. Plugged back to 2390' with calseal. Perforated 2363-73' with 18 holes. Attempted to sandblast. Could not break formation with 3500#.

sandstone. Could not break formation with 3500#. Perforated 2290-2310 with 4 holes per foot. Sandfraced with 17,500 Gallons water and 30,000# sand. Flushed with 3,500 Gallons water.

With 1,500 Gallons water and 30,000 # sand, flushed with 2,500 gallons water. Breakdown pressure 1500#, treating pressure 1200#, average injection rate 36.5 barrels per minute. Stopped at 11:00 AM.

treating pressure 1200%, average injection rate 36.5 barrels per minute. Cleaned out to BPTD. Flowing 1450 MCF/day.

11-6-56 Perforated 2365-2380 with 2 jet shots per foot. Ran

II-0-50
 Reloading 200-2500 with 2 jet shots per foot. Ran
 tubing with packer set at 2531. Had communication
 between zones. Pulled packer, re-set at 2530. Set
 Baker and Miller building and at 2530. Set

between zones. Pulled packer, re-set at 2330'. Set Baker drillable bridging plug at 2340'. Sandraced with 15,000 gallons water and 25,000# sand, finished with 2500 gallons water. Breakdown pressures 3000#.

with 15,000 gallons water and 25,000# sand, finished with 2,500 gallons water. Breakdown pressure 2000#, treating pressure 1350#, average injection rate 35.2 barrels per minute.

Pressure 1350#, average injection rate 35.2 barrels per minute.

11-10-56 Drilled out bridging plug and cleaned out to PBTD 23901.
Flowing 970 MCF/day.

Flowing 9/0 MCF/day.
 Ran 95 joints 2368' of 1-1/4" tubing landed at 2377' RKB.
 11-12-56

Shut well in for potential test for the interior

UNITED STATES
DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

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