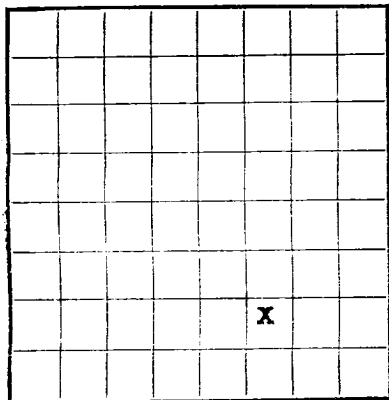




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **080594**
LEASE OR PERMIT TO PROSPECT **Bolack "B"**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **PETRO-ATLAS CORPORATION** Address **1010 N. Dustin, Farmington, N. Mex.**
Lessor or Tract **BOLACK "B"** Field **Wildcat** State **New Mexico**
Well No. **1** Sec. **1** T. **24N** R. **6W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **990** ft. **N.** of **S.** Line and **1750** ft. **E.** of **E.** Line of **SEC. 1** Elevation **6674**
(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 Bolack**
Date **February 11th, 1957** Title **President**

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

Commenced drilling **December 1st**, 19**56** Finished drilling **December 12th**, 19**56**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2442** to **2498 (G)** No. 4, from _____
No. 2, from _____ to _____ No. 5, from _____
No. 3, from _____ to _____ No. 6, from _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____
No. 2, from _____ to _____ No. 4, from _____

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	J-55	94'	-	-	-	-	Surface
5-1/2"	15.5#	8	J-55	2355' (Texas)	-	-	-	-	Production
5-1/2"	15.5#	8	J-55	104' Pattern)	-	-	2478	2486	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	104'	70	Pump & Plug		
5-1/2"	2528	100	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 **2570** feet, and from _____ feet to _____ feet
Cable tools were used from **xx to drill in** feet to _____ feet, and from _____ feet to _____ feet

DATES

Ran Tubing **State Potential Test**
December 12th, 19**56** 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 **6,043,000** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **714 (shut in 58 days)**

EMPLOYEES

Benson-Montin-Greer, Driller _____, Driller
Drilling Corp., Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2350	2350	Surface sand & shale, Ojo Alamo, Kirtland and Fruitland formations
2350	2355	5	Coal
2355	2370	15	Shale
2370	2374	4	Coal
2374	2385	11	Shale
2385	2395	10	Coal
2395	2442	47	Shale
2442	2570	128	Sand
			TOP OF PICTURED CLIFFS 2442'

FROM—

TO—

[OVER]

EOB 111 072

16-48094-3

FORMATION RECORD

LEASE OR PERMIT TO PROSPECT
SERIAL NUMBER
U. S. LAND OFFICE
1900

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

[illegible]

Company _____
 Lessor or Trust _____
 Well No. _____
 Location _____
 Sec. _____ T. _____ R. _____
 N.M.P.M. _____
 Field _____
 State _____
 New Mexico _____
 Address _____
 Mexico _____

12-10-56 Drilled cement to 2490'. Perforated 2454-2465' and 2470-2486' with 10 to 12 gal. per foot. Sand packed with 30 47-200 gallons water and 30,000# sand, finished with 3,000 gallons water. Breakdown pressure 3000#. Reprints: 1150-1700#, average infection rate 36.1 barrels per minute.

No.	Item	From	To	Date
No. 1	Moved in rotary.	No. 8	No. 1	12-3-56
No. 3	TD 25701 RKB. Set 73 joints 23451	No. 8	No. 3	12-7-56
No. 3	EW casing and 5 joints 341 of 5-1/2	No. 8	No. 3	12-7-56
No. 3	casing at 25201 RKB with 100 sacks	No. 8	No. 3	12-9-56
No. 1	Moved in cable	No. 4	No. 1	12-9-56

(Please see pg 6)

NO. 3
NO. 8
NO. 1

12-2-56 TD 104, RKB. See 3 joints 94' of 8-5/8" OD 24# J-55 casing at 104' with NO black cement casing.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of drilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "squeezed" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling of shots.

~~HISTORY OF OIL OR GAS WELL~~

U. S. GOVERNMENT PRINTING OFFICE 6-43094-2

[illegible]

FORMATION RECORD—Continued