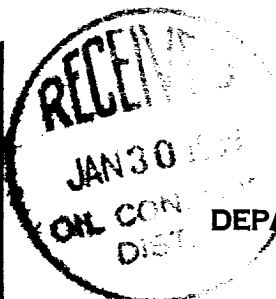
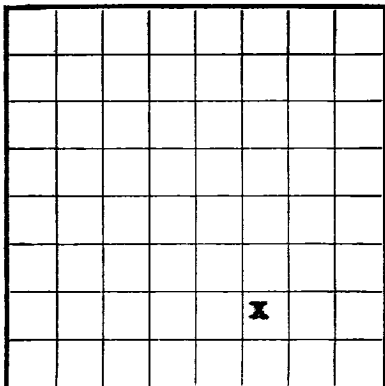


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **081286-B**
LEASE OR PERMIT TO PROSPECT **Bolack**



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JAN 29 1959
JAN 29 1959

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **TOM BOLACK** Address **1010 N. Dustin, Farmington, N.Mex.**
Lessor or Tract **Bolack** Field **Horseshoe Gallup** State **New Mexico**
Well No. **11** Sec. **4** T. **30N** R. **16W** Meridian **N.M.P.M.** County **San Juan**
Location **860** ft. **N** of **S** Line and **1780** ft. **E** of **E** Line of **Sec. 4** Elevation **5669**
(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 **January 21st, 1958** Title

The summary on this page is for the condition of the well at above date.
Commenced drilling **December 16th, 1958** Finished drilling **December 17th, 1958**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)
No. 1, from **1415** to **1500** No. 4, from **1500** to **1548**
No. 2, from **1548** to **1556** No. 5, from **1556** to **1589**
No. 3, from **1589** to **1589** No. 6, from **1589** to **1589**

IMPORTANT WATER SANDS

No. 1, from **1415** to **1500** No. 3, from **1500** to **1548**
No. 2, from **1548** to **1556** No. 4, from **1556** to **1589**

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	93	-	-	-	-	Surface
5-1/2"	15#	8	J-55	1589	-	-	-	-	Production
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
8-5/8"	102	70	Pump & Plug		
5-1/2"	1588	75 sacks 2% gel, 1# floccul per sack, 500# wts	" "		

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 **1589** feet, and from _____ feet to _____ feet
Cable tools were used from **to complete** feet to _____ feet, and from _____ feet to _____ feet

DATES

Ran Tubing **December 27th**, 19 **59** Put to producing **December 28th**, 19 **59**

The production for the first 24 hours was **125** barrels of fluid of which **100** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Pump capacity _____ Gravity, °Bé. **42.5**

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

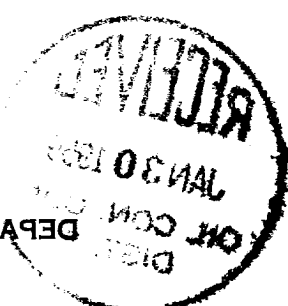
EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1415	1415	Mancos Shale
1415	1500	85	Gallup Tecite Formation
1500	1548	48	Mancos Shale
1548	1556	8	Tecito Formation
1556	1589	33	Mancos Shale
The above are electric log tops.			

UNITED STATES
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GEOLOGICAL SURVEY



A 10x10 grid with the letter 'x' in the 4th column and 3rd row from the bottom-left corner.

LOCATE WELL CORRECTLY

12-19-58 Moved to cable tools. Inspected and on casing to 1000'.
No pressure decrease in one hour. # 15-158-1500.
Sand-oil treated with 40,000 gallons oil and 65,000# sand.
Date January 1st, 1958 Title
12-20-58 After recovery of lost oil, shipping at rate of 60 BOPH.
Signed
so far as can be determined from all available records.
The information given herein is a complete and correct record of the well and all work done thereon.
12-21-58 Set piping plug perforated 1415-1500. Sand-oil
Location 800 ft. of Line and 10 ft. of Line of
Well No. 11 After recovery of lost oil shipping at rate of 60 BOPH. County San Juan
12-21-58 Lease of 12-21-58 New Mexico
Company TOM BOLACK Address 1010 N. Dustin, Farmington, N. Mex.

IMPORTANT WATER SANDS

Layed in rotary. Pressured up on casing to 500#. No pressure decrease in 30 minutes.

No. 2 from 1586 to 1591
No. 3 from 1587 to 1592

Set 51 joints 1584' of 5-1/2" OD 14# J-55 casing at 1588'. With 15 sacks cement, 2% Gel. 1/4# floccule per sack, 5000 mtes.; Oil or Gas Sands or Zones;

102-10-58 TD 1021 S&B. Set 3 joints 93' of 8-5/8" DD 24# J-55 casing at 1021 with 70 sacks cement, circulated to No. 1, from surface; No. 3, from

CASING RECORD

Casting	Size per foot	Weight per inch	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	From - To -	Purposes
Moved in to set surface casing.									
Spludded.									
Perforated									

It is of the greatest importance to have a complete history of the well. Please state in detail the nature of the drilling, together with the reasons for the work and its results. If the well has been dewatered, 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 piers or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling of shots. 8-2-8. S.H.# 1-22 83

HISTORY OF OIL OR GAS WELL

NUDDING AND CEMENTING RECORD

MILDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5 7/8"	102	70	Pump & Pipe		
4 1/2"	1588	75 sacks 2 1/2 cels. of floccels	" "		

PLUGS AND ADAPTERS

Adapters—Material	None	Size	
Hearing plug—Material	None	Length	
		Depth set	

SHOOTING RECORD

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

TOOLS USED

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

DATE

Put to producing December 28th, 1922	The production for the first 24 hours was 125 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment.
Gravity, 86.5	It was well cut per 24 hours
Gallons gasoline per 1,000 cu. ft. of gas	42.5

EMPLOYEES

Driller	Benson-Monahan-Green	Driller
Driller	Drilling Corp.	Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
1526	1580	54	Manoas Shale
1548	1556	8	Tooltie Formation
1500	1548	48	Manoas Shale
1415	1500	85	Gallup Tuffe Formation
Surface	1415	1415	Manoas Shale

ENTREPRENEURSHIP