

### LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe, N.M.  
SERIAL NUMBER NM 036253  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

RECEIVED  
JAN 10 1958  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW JERSEY

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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.

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

Commenced drilling October 1, 19 57 Finished drilling October 10, 19 57

(Denote gas by  $G$ )

## IMPORTANT WATER SANDS

## IMPORTANT WATER SANDS

### CASING RECORD

[illegible]

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5-5/8"	173	100	Displacement	-	-
4-1/2"	5060	150	Displacement	-	-

## 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

## 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

December 18, 1957 Put to producing December 18, 1957

The production for the first 24 hours was 564 barrels of fluid of which 94.7% was oil; % emulsion; % water; and 3.5% sediment.

Gravity, °Bé approx. 39° API

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

Rock pressure, lbs. per sq. in.

## EMPLOYEES

E. Babcock	Driller	Drinkerhoff Drilling Company	Driller
Blank	Driller	J. Springer	Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1236	1443	208	Pictured Cliffs
1443	1610	167	Lewis
1610	2087	477	Cliff House
2087	3760	1673	Allison-Menepee
3760	3926	166	Point Lookout
3926	4821	895	Mancos
4821	-	-	Gallup



SHELL OIL COMPANY

Gov't. 23-16A

WELL NO. \_\_\_\_\_

Bisti

## DRILLING REPORT

FOR PERIOD ENDING

16

San Juan, New Mexico

10-10-57

T25N, R11W

(COUNTY)

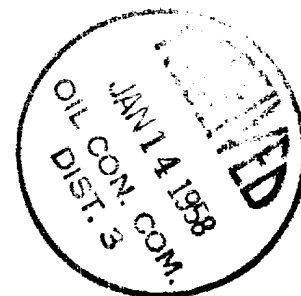
(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
57			
			Location: 2056' N and 2050' E of SW Corner, Section 16, T25N, R11W, NMPM, San Juan County, New Mexico.
			Elevations: DF 6429.9 GR 6422.6 KB 6431.1
10-1 To 10-2	0	1728	Spudded 6:30 P.M. 10-1-57. Ran and cemented (163') 8-5/8", 24#, J-55 National casing at 173' with 100 sacks construction cement treated with 2% calcium chloride. Good returns to surface. Flanged up and waited on cement. Pressure tested casing and BOP with 700 psi, OK.
10-3 To 10-8	1728	4977	<u>Drilled 3249'</u> .
10-9 to 10-10	4977	5060	<u>Drilled 83'</u> . Ran Electrical Survey and Microlog. Ran and cemented (5050') 4-1/2", 9.5# casing at 5060' with 150 sacks gel treated cement, displaced with oil, final pressure 1500 psi. Released rig 1:30 A. M. 10-10-57.
			Checked BOP daily Mud Summary wt 9.2 - 9.8 #/gal. vis 36-110 sec. wl 6-8.2 cc FC 2/32

CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
DRILL PIPE SIZES				

Contractor: Brinkerhoff Drilling Co.  
 Drillers: E. Babcock  
 Black  
 J. Speaker



R. D. Allen

Bisti

## DRILLING REPORT

FOR PERIOD ENDING

16

San Juan, New Mexico

12-15-57

T25N

R11W

(FIELD)

(SECTION OR LEASE)

(COUNTY)

(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
10-11	5060	T. D.	Ran Gamma Ray - collar log. Perforated four 1/2" holes/ft. 4940-54. Moved in well pulling unit.
10-14			Ran 2-3/8" tubing to top of perforations. Swabbed 9 hours - 100 bbls, fluid level 2000'. Moved pulling unit.
10-31			Pumped 150 gal. mud acid down casing. Started sand oil fracture, flange on well head leaked, repaired flange, well would not take fluid. Located sand at 4880'.
11-1 To 11-2			Moved in well pulling unit, bailed frac sand to total depth.
11-3			Sand oil fracture treatment #1. Broke down formation at 1500 psi. Injected 30,000 gal. crude oil with 1#/gal. 20-40 mesh sand. Treating pressure 2800 - 2900 psi, average treating rate 36 bbl./min.
			Bailed sand from 4944-4973, landed tubing at 4940'. Swabbed 3 hours - 100 bbls., fluid level 1000'±.
11-4			Swabbed 12 hours, well began to flow.
11-5 To 12-15			Flow <sup>d</sup> and recovered all load and frac oil.
			INITIAL PRODUCTION Flowing, 564 B/D gross, 562 B/D clean, cut 0.3%, 64/64" bean, 62 MCF/D gas, GOR 110, TP 125.
			Completed 12-15-57

## CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
12"	0	173	8-5/8"	173'
7-7/8"	173	5060	4-1/2"	5060'
DRILL PIPE SIZES			4-1/2"	

E. R. Johnstone