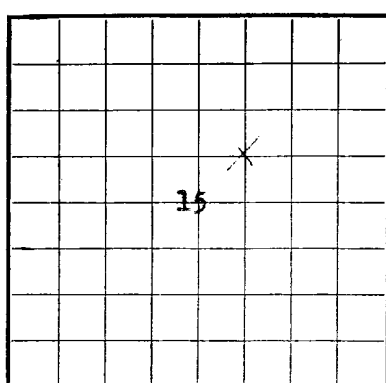


U. S. LAND OFFICE, Santa Fe, N.M.

SERIAL NUMBER N.M. 036254

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Shell Oil Company Address 101 S. Behrend, Farmington, N.M.
Lessor or Tract Federal Field Bisti State New Mexico
Well No. 32-15 Sec. 15 T. 25N R. 12W Meridian NMFM County San Juan
Location 1980 ft. S. of N. Line and 1160 ft. W. of E. Line of Sec. 15 Elevation 6224.6 KB
(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 BW Shepard

Date October 25, 1951 Title Exploitation Engineer

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

Commenced drilling June 6 1957 Finished drilling June 10 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1. from 4712 (Gross) to 4810 (Denote gas by G) No. 4. from 4810 to 4910

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to NOV 4 1967

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from None to DIST 3

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

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	138	85	Displacement	-	-
4 1/2"	4855	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
			None			

TOOLS USED

Rotary tools were used from _____ feet to 1870 feet, and from _____ feet to _____ feet

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

DATES

October 28, 1957 Put to producing August 23, 1957

The production for the first 24 hours was 181 barrels of fluid of which 99.3 % was oil; % emulsion; % water; and 0.1 % sediment. Gravity, 82.6 sp. gr. 60° F.

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1058	1252	194	Pictured Cliffs
1252	1415	163	Lewis
1415	1972	557	Cliff House
1972	3523	1551	Allison-Menefee
3523	3703	180	Point Lookout
3703	4611	908	Mancos
4611	---		Gallup

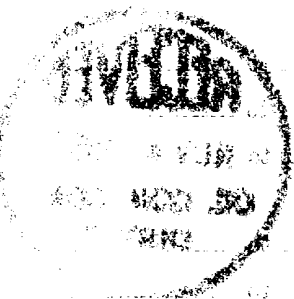
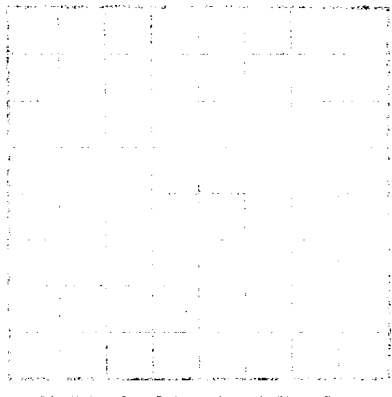
[OVER]

16—43094-4

FORM NO. 10-76 (REV. 10-1980)

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
UNITED STATES OF AMERICA



It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, 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 "sidetracked" 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 bailing.

HISTORY OF OIL OR GAS WELL

FROM-	TO-	TOTAL FEET	FORMATION
FORMATION RECORD			
EMERGENCIES			
LOGGING USED			
SHOOTING REQUIRED			
PLUGS AND ADAPTERS			
PRODUCTION AND CEMENTING RECORD			

SHELL OIL COMPANY

Gov't 32-15
WELL NO.

Bisti

(FIELD)

DRILLING REPORT

FOR PERIOD ENDING

15

(SECTION OR LEASE)

San Juan, New Mexico

(COUNTY)

6-17-57

T 25 N. R 12 W

(TOWNSHIP OR RANGHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
57			
			Location: 1980' S and 1980' W of NE corner Sec 15, T 25 N, R 12 W, NMPM, San Juan County, New Mexico
			Elevations: GR 6213.4 DF 6222.7 KB 6224.6
6-6 to 6-7	0	1620	Spudded 7:00 AM, 6-6-57. Ran and cemented 8 5/8" (125'), 24#, J-55 casing at 138' with 85 sacks construction cement treated with 2% calcium chloride. Good cement returns to surface. Flanged up and waited on cement. Pressure tested casing and BOP with 700 psi, OK.
6-8 to 6-10	1620	2565	<u>Drilled 945'</u> . Stuck pipe while pulling at 2242'. Ran magnatector (Pipe stuck at 1705'), backed off at 1707' leaving single and 10 drill collars in hole. Mixed mud and conditioned hole. Ran in hole with jars, worked drill collars loose.
6-11 to 6-16	2565	4870	<u>Drilled 2305'</u>
6-17	4870	TD	Ran Electrical Survey and Microlog. Ran and cemented (4845') 4 1/2", 9.5# casing at 4855' with 150 sacks construction cement treated with 4% gel. Final pressure 1500 psi. Released rig. Checked BOP daily Mud summary Wt 9.4-9.8 #/gal Vis 47-53 sec WL 5 cc FC 2/32 pH 8.5

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

Shell Oil Company Rig #18

Drillers O. C. Smith

E. T. Lawson

A. D. Grant

R. D. Allen

SIGNED

SIGNED