

U. S. LAND OFFICE **Santa Fe, N.M.**  
SERIAL NUMBER **SF 078063**  
LEASE OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

OR  
RECEIVED

JAN 2 1959

SEAWELL NEW MEXICO

## LOG OF OIL OR GAS WELL

## LOCATE WELL CORRECTLY

Company Shell Oil Company Address 705 West Municipal Drive,  
Farmington, New Mexico  
Lessor or Tract Federal-Carson Unit Field Bisti State New Mexico  
Well No. 34-7 Sec. 7 T. 25N R. 11W Meridian NMPM County San Juan  
Location 660 ft. N of S Line and 1980 ft. W of E Line of Section 7 Elevation 6374 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 \_\_\_\_\_

Original signed by  
B. W. SHEPARD

Date November 5, 1958

Title Exploitation Engineer

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

Commenced drilling October 4, 1958 Finished drilling October 12, 1958

**OIL OR GAS SANDS OR ZONES**

(gross)

(Denote gas by  $G$ )

No. 1, from 4943 to 5030      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. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, 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"	107	100	Displacement	-	-
4-1/2"	5073	200	"	-	-

## 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 0 feet to 5080 feet, and from - feet to - feet.

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

## DATES

**DATES**  
November 5, 1958 Put to producing October 28, 1958  
 The production for the first 24 hours was 180 barrels of fluid of which 99.8 % was oil; - %  
 emulsion; - % water; and 0.2 % sediment. Gravity, XX Approx. 40° API

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

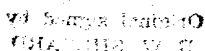
Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

EMPLOYEES		Brinkerhoff Drilling Company	
C. Adams	Driller	E. Babcock	Driller
J. Speaker	Driller		Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1236	1435	199	Pictured Cliffs
1435	1618	183	Lewis
1618	2078	460	Cliff House
2078	3683	1605	Allison Menefee
3683	3872	189	Point Lookout
3872	4822	950	Mancos
4822	-	-	Gallup



## HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-58025-01

**FORMATION RECORD-Continued**

## SHELL OIL COMPANY

Carson Unit

WELL NO. 34-7

## DRILLING REPORT

FOR PERIOD ENDING

10-12-58

Bisti

(FIELD)

San Juan, New Mexico

(COUNTY)

7

(SECTION OR LEASE)

T25N, R11W

(TOWNSHIP OR RANGE)

DAY	DEPTHS		REMARKS
	FROM	TO	
10-4 to 10-5	0	2200	Location: 660°N and 1980°W of SE Corner, Section 7, T25N, R11W, NMPM, San Juan County, New Mexico  Elevations: DF 6372.6' GR 6364.2' KB 6373.8'  Spudded 8:45 A.M. 10-4-58. Ran and cemented (97') 8-5/8", 24#, J-55 casing at 107' with 100 sacks cement treated with 2% calcium chloride. Good returns to surface. Flanged up and waited on cement. Pressure tested casing and BOP with 500 psi, OK.
10-6 to 10-10	2200	4900	Drilled 2700'.
10-11 to 10-12	4900	5080	Drilled 180'. Ran Electrical Survey, attempted to run Microlog bridged at 230', 450 and 2100'+. Ran to bottom, circulated, ran Microlog. Ran and cemented (5063') 4-1/2", 9.5#, J-55 casing at 5073' with 150 sacks cement treated with 4% gel. Final pressure 1800 psi., Displaced with oil. Released rig 3:00 P.M. Checked BOP daily Mud Summary wt 9.1-9.9#/gal. vis 44-65 sec wl 5.6-8 cc fc 2/32"  Contractor: Brinkerhoff Drilling Company Drillers: J. Speaker C. Adams E. Babcock Company Pusher: R. I. Alberts

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

C. Bremer

SIGNED

SHELL OIL COMPANY

Carson Unit

WELL NO. 34-7

# DRILLING REPORT FOR PERIOD ENDING

10-28-58

Bista

(FIELD)

San Juan, New Mexico

(COUNTY)

7

(SECTION OR LEASE)

T25N

R11W

(TOWNSHIP OR RANGHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
10-13	5080	TD	Bullet perforated four 1 1/2" holes/ft. 4943-4962, 4981-4993, 5002-5014, 5020-5030, ran tubing to 5047' made 12 hour pressure survey.
	5065	PBTD	
10-14			Spotted 200 gal mud acid. Sand oil fractured with 50,000 gal crude, 1#/gal. sand, 160 nylon core balls. Breakdown pressure 2200 psi. Maximum pressure 2600 psi, minimum pressure 2200 psi. Average rate 38 bbls./min. (core balls had no effect on pressure) flushed with 160 bbls. oil.
10-15			Bailed frac sand from 4980 to 5063'.
10-10 to 10-27			Installed pump, pumped and recovered all load and frac oil, <u>1503</u> bbls.
10-28			INITIAL PRODUCTION Pumped 24 hours, 180 B/D gross, 180 B/D clean, cut 0.2%, 90 MCF/D gas, GOR 500, TP 125, CP 125, Completed 10-28-58.

## CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
12-1/4"	0	115	8-5/8"	107'
7-7/8"	115	5080	4-1/2"	5073'
DRILL PIPE SIZES			4-1/2"	

C. Bremer

SIGNED