

0 10 20 30 40 50 60 70 80 90 100

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]

SHELL OIL COMPANY

Gov't. 13-16A

Bisti

DRILLING REPORT

FOR PERIOD ENDING

WELL NO. _____

16

(FIELD)
San Juan, New Mexico

(SECTION OR LEASE)

T25N

R11W

(COUNTY)

(TOWNSHIP OR RANCHO)

12-7-57

DAY	DEPTHS		REMARKS
	FROM	TO	
57			
			Location: 1975.72' N and 657' E of SW Corner, Section 16, T25N, R11W, N.M.P.M., San Juan County, New Mexico.
			Elevations: DF 6422.45 GR 6415.30 KB 6423.60
11-29 to 11-30	0	2150	Spudded 5:00 P.M. 11-29-57. Ran and cemented (120') 8-5/8", 28#, J-55 Nat'l casing at 130' 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.
12-1 To 12-5	2150	4812	<u>Drilled 2662'</u> .
12-6	4812	4970	<u>Drilled 158'</u> . Ran Electrical Survey and Microlog.
12-7	4970	4980	<u>Drilled 10'</u> . Ran and Cemented (4969') 4-1/2", 9.5# casing at 4977' with 150 sacks cement treated with 4% gel. Released rig 8:30 P.M. 12-7-57 Checked BOP daily Mud Summary wt 9.4 - 9.8 #/gal vis 55-130 sec WL 7.2-7.8 cc FC 2/32"

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

DRILL PIPE SIZES	

Contractor: Brinkerhoff Drilling Company
 Drillers: J. Speaker
 E. Babcock
 W. Black

SHELL OIL COMPANY

Gov't. 13-16A
WELL NO.

Bisti

DRILLING REPORT
FOR PERIOD ENDING

16

(SECTION OR LEASE)

San Juan, New Mexico

12-24-57

T25N

R11W

(COUNTY)

(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
57			
12-9	4980	ID	Ran piano wire, top of plug - 4961'.
12-10			Ran Gamma Ray - collar log, perforated four 1/2" bullet holes/ft. 4938-61
12-20			Sand oil fracture #1 (Spotted 200 gal. mud acid prior to frac) Broke down formation at 2700 psi. Injected 38,000 gal. oil with 1#/gal. sand dropped 70 nylon core balls after injection of first 16,000 gal. oil, pressure increased from 2600 psi to 3300 psi. Maximum pressure 3300 psi, Minimum pressure 2500 psi, average rate 38.5 bbl/min. Flushed with 158 bbls. oil. Shut in pressure 600 psi after 15 minutes.
12-21			Landed tubing at 4925'. Swabbed and well started flowing.
12-22 To 12-23			Flowed and recovered 906 bbls. load and frac oil.
12-24			INITIAL PRODUCTION Flowing 376 B/D gross, 375 B/D clean, cut 0.3% 64/64" bean, 132 MCF/D, GOR 350, Completed 12-24-57.

CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
12-1/4"	0	130	8-5/8"	130'
7-7/8"	130	4980	4-1/2"	4977'
DRILL PIPE SIZES				
1-1/2"				