

## SHELL OIL COMPANY

Carson Unit 21-19

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

DRILLING REPORT  
FOR PERIOD ENDING

19

(SECTION OR LEASE)

T25N

R11W

(TOWNSHIP OR RANCHO)

Bisti

(FIELD)

San Juan, New Mexico

(COUNTY)

7-1-57

DAY	DEPTHS		REMARKS
	FROM	TO	
57			
6-23 To 6-24	0	2343	<p><u>Location:</u> 660' S and 1980' E of NW Corner, Section 19, T25N, R11W, N.M.P.M., San Juan County, New Mexico.</p> <p><u>Elevations:</u> GR 6420.2 KB 6429.2 DF 6428.0</p> <p>Spudded 7:30 A. M. 6-22-57 Ran and cemented (203') 8-5/8", 24#, J-55, J &amp; S Casing at 213' with 130 sacks 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.</p> <p><u>Drilled 2683'.</u></p>
6-25 To 6-30	2343	5026	
7-1	5026	TD	<p>Ran Electrical Survey and Microlog. Ran and cemented (5012') 4-1/2", 9.5# casing at 5022' with 150 sacks cement treated with 4% gel. Displaced with oil, final pressure 1500 psi. Rig released 9:30 P.M. 7-1-57</p> <p>Checked BOP daily Mud Summary wt 9.3-9.4#/gal vis 48-60 sec WL 7.5-7.6 cc FC 1/32"</p>

## CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
DRILL PIPE SIZES				

Contractor: Brinkerhoff Drilling Company  
 Driller: J. Speaker  
 E. Babcock  
 C. Adams

R. D. Allen

Bisti

# DRILLING REPORT

FOR PERIOD ENDING

19

(FIELD)  
San Juan, New Mexico

12-30-57

(SECTION OR LEASE)  
T25N R11W

(COUNTY)

(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
57			
8-31	5026	TD	Ran Gamma Ray - collar log. Jet perforated four 1/2" holes/ft. 4866-92, 4900-08, 4939-44, 4951-62, 4969-78.
10-31			Landed tubing 4860'. Swabbed 7 hours recovered 70 bbls, fluid level 4500'
11-30			Spotted 200 gal. mud acid on perforations.
12-8			Sand oil fracture #1. Broke down formation between 1500-2750 psi. Injected 19,000 gal. oil with 1#/gal. sand and 80 nylon core balls. Injected 12,000 gal. oil with 1#/gal. sand and 70 nylon core balls. Injected 19,000 gal. oil with 1#/1 gal. sand. Flushed and displaced with 140 bbls. oil. Maximum pressure 2800 psi, Minimum pressure 2800, average rate 36 bbl/ min. (Balls had no effect on pressure.)
12-9			Cleaned out frac sand, ran tubing to 4855'.
12-10			Swabbed 10 hours recovered 100 bbls, began to flow.
12-11 To 12-29			Flowed and recovered 1360 bbls load and frac oil.
12-30			INITIAL PRODUCTION Flowing 542 B/D gross, 541 B/D clean, cut 0.1%, bean 64/64" bean, 545 MCF/D, GOR 1150. Completed 12-30-57

## CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
12-1/4"	0	213	8-5/8"	213'
7-7/8"	213	5026	4-1/2"	5022'
DRILL PIPE SIZES				

E. B. Johnstone