

Bisti

DRILLING REPORT

FOR PERIOD ENDING

7-11-57

16

(FIELD)
San Juan, New Mexico
(COUNTY)

(SECTION OR LEASE)
T25N R11W
(TOWNSHIP OR RANGHO)

DAY 57	DEPTHS		REMARKS
	FROM	TO	
			<p><u>Location:</u> 860' N and 420' E of SW Corner, Section 16, T25N, R11W, NMPM, San Juan County, New Mexico</p> <p><u>Elevations:</u> DF 6460.9 GR 6452.8 KB 6462.1</p>
7-2 to 7-3	0	1771	Spudded 4:30 P.M. 7-2-57. Ran and cemented (201') 8-5/8", 2L#, J-55 casing at 211' 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 700 psi. for 15 minutes, O.K.
7-4 to 7-9	1771	4963	<u>Drilled 3192'</u>
7-10 to 7-11	4963	5085	<p><u>Drilled 122'</u>. Ran Electrical Survey and Microlog. Ran and cemented (5072') 4-1/2", 9.5# casing at 5082' with 150 sacks cement treated with 4% gel. Displaced with oil. Released rig 4:30 A.M. 7-11-57. Checked BOP daily.</p> <p>Mud Summary: wt 9.1-9.8#/gal. vis. 55-110 sec. WL 3.3-7.6 cc. FC 1-2/32</p> <p>Contractor: Brinkerhoff Drilling Co.</p> <p>Drillers: C. C. Adams J. Speaker E. Babcock</p>



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

R.D. ALLEN

SIGNED

SHELL OIL COMPANY

Gov't

WELL NO. 14-16A

Bisti

DRILLING REPORT

FOR PERIOD ENDING

7-11-57

16

(SECTION OR LEASE)

T25N

R11W

(TOWNSHIP OR RANGE)

(FIELD)

San Juan, New Mexico

(COUNTY)

DAY 57	DEPTHS		REMARKS
	FROM	TO	
8-29	5085	TD	Ran Gamma Ray-Collar locator log. Perforated four 1/2" bullet holes/ft. 4959-68, 4978-94, 5024-32, 5043-52, 5063-69.
8-30			Ran tubing at 4952'.
9-17			Swabbed 80 bbls. in 5 hours, fluid level.
10-25			Sand Oil Fracture Treatment #1. Broke down formation at 2800 psi. Injected 50,000 gal. oil with 1#/gal. sand as follows: 20,160 gal. oil - dropped 80 rubber balls; 10,080 gal. oil dropped 50 rubber balls, pressure increased from 2700 psi. to 3500 psi., injected 10,080 gal. oil pressure dropping from 3500 psi. to 3100 psi. Injected 3360 gal. oil no sand with 20 rubber balls. Flushed with 5880 gal. oil. Shut in 5 minutes - 850 psi. Treating pressure 2800-3500 psi., rate 29.5-39.9 bbl/min.
10-26 to 10-29			Flowed and recovered all load and frac oil at average rate of 1041 B/D rate. <u>INITIAL PRODUCTION</u> Flowing 878 B/D gross, 876 B/D clean, cut 0.2%, 30/64" bean, gas 334 MCF/D, GOR 380, TP 160, CP 620. Completed 10-29-57

CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
12-1/4"	0	211	8-5/8"	211'
7-7/8"	211	5085	4-1/2"	5082'
DRILL PIPE 4-1/2"				



E. B. JOHNSTONE