

SHELL OIL COMPANY

Carson Unit

WELL NO. 14-11

DRILLING REPORT

FOR PERIOD ENDING

September 13, 1957

Bisti

(FIELD)

San Juan, New Mexico

(COUNTY)

11

(SECTION OR LEASE)

T 25 N. R 12 W

(TOWNSHIP OR RANGHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
9-4 to 9-5	0	1759	<p><u>Location:</u> 530' N and 460' E of SW Corner, Section 11, T25N, R12W, NMPM, San Juan County, New Mexico.</p> <p><u>Elevations:</u> DF 6227.8 KB 6229.0 Gr 6220.1</p> <p>Spudded 10:00 PM, 9-4-57. Ran and cemented (106') 8-5/8", 24#, J-55, Spang casing at 116' with 85 sacks cement treated with 2% calcium chloride. Good returns to surface. Flanged up and waited on cement. Pressure tested casing with 700 psi, OK.</p>
9-6 to 9-12	1759	4871	<p><u>Drilled 3112'</u>. Ran Electrical Survey and Microlog.</p>
9-13	4871	TD	<p>Ran and cemented (4856') 4-1/2", 9.5# casing at 4866' with 150 sacks cement treated with 4% gel. Displaced with oil. Released rig 4:00 PM, 9-13-57. Checked BOP.</p> <p style="text-align: center;">Mud Summary</p> <p style="text-align: center;">Wt. 9.5 - 9.8#/gal. Vis. 47-110 sec. WL 6-8.4 cc FC 1-2/32"</p>
CONDITION AT BEGINNING OF PERIOD			
HOLE			CASING SIZE
SIZE	FROM	TO	DEPTH SET
DRILL PIPE SIZE			

Contractor: Brinkerhoff Drilling Company
 Drillers: M. O. Schulze
 G. M. Benton
 R. C. Cary

R. D. Allen

SHELL OIL COMPANY

Carson Unit

WELL NO. 14-11

Bisti

DRILLING REPORT

FOR PERIOD ENDING

January 29, 1958

(FIELD)

San Juan, New Mexico

(COUNTY)

11

(SECTION OR LEASE)

T 25 N, R 12 W

(TOWNSHIP OR RANGHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
11-5	4871	TD	Ran Gamma Ray - collar log. Perforated four 1/2" bullet holes/ft. 4746-71, 4777-87, 4822-33, 4838-47.
1-14-58			Spotted 200 gal. mud acid on perforations. <u>Sand oil fracture treatment #1</u> Injected 36,000 gal. crude oil with 1#/gal. sand, dropped 120 nylon core balls, injector lubricator leaked, discontinued treatment, flushed with 155 bbls. crude oil. Maximum pressure 2700 psi, minimum pressure 2000 psi, average injection rate 31 bbls/min.
1-15			<u>Sand oil fracture treatment #1A</u> . Broke down formation at 2700 psi. Injected 8400 gal. crude oil with 1#/gal. sand and 50 nylon core balls, injected 5000 gal. crude oil with 1#/gal. sand and 50 nylon core balls (pressure increased from 2800 psi to 3500 psi). Injected 5400 gal. crude oil with 1#/gal. sand and 25 nylon core balls (pressure decreased to 2750 and then increased to 2800 psi). Injected 5600 gal. crude with 1#/gal. sand with 50 nylon core balls (pressure increased to 2950 broke back to 2800). Injected 9000 gal. crude with 1#/gal. sand, overflushed and displaced with 160 bbls. crude. Maximum pressure 3450 psi, minimum pressure 2700 psi, average injection rate 38.1.
1-18			Cleaned out frac sand from 4750 - 4835.
1-19			Recleaned frac sand from 4725 - 4860.
1-20			Ran tubing to 4708', swabbed 20 bbls., well began to flow.
1-21 to 1-28			Flowed and recovered all load and frac oil, 1991 bbls.
1-29			<u>INITIAL PRODUCTION</u> Flowing, 672 B/D gross, 670 B/D clean, cut 0.3%, 64/64" bean, 328 MCF/D, GOR 490, TP 180. Completed 1-29-58.

CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
12-1/4"	0	116	8-5/8"	116'
7-7/8"	116	4871	4-1/2"	4866'
DRILL PIPE SIZE			4-1/2"	

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