

SHELL OIL COMPANY

Carson Unit
 WELL NO. 22-18

DRILLING REPORT
 FOR PERIOD ENDING

Bisti
 (FIELD)
 San Juan, New Mexico
 (COUNTY)

1-26-60

18
 (SECTION OR LEASE)
 T. 25 N., R. 11 W.
 (TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
1960			
1/19	0	2562	Location: 1980' S., and 1980' E., of Northwest corner Section 18, T. 25 N., R. 11 W., N.M.P.M., San Juan County, New Mexico Elevations: GR 6360.9, DF 6368.8, KB 6369.3 Spudded 10:00 A.M. 1-19-60. Ran and cemented (101') 8-5/8", 28#, J-55 casing at 109' 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, OK.
1/21 to 1/25	2562	5025	Drilled 2163'. Ran Micro-SP log.
1/26	5025 TL		Ran and cemented (5016') 4-1/2", 9.5#, J-55 casing at 5024' with 150 sacks cement treated with 4% gel. Final pressure 1500 psi. Released rig 4:00 A.M. 1-26-60. Checked BOP Daily Mud Summary: Wt. 9.2 - 9.8#/gal. Vis. 45 - 120 sec. WL 4.6 - 5 cc FC 2/32"
			Contractor: Brinkerhoff Drilling Company Drillers: Riley Speaker Black Company District Drilling Foreman: W. C. Thompson

CONDITION AT END			OF PERIOD	
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
12-1/4"	0	115	8-5/8"	109'
7-7/8"	115	5025	4-1/2"	5024'
DRILL PIPE SIZE 4-1/2"				

M. W. McGarry

SIGNED

SHELL OIL COMPANY

Carson Unit
 WELL NO. 22-18

DRILLING REPORT
 FOR PERIOD ENDING

6-9-60

18
 (SECTION OR LEASE)

T. 25 N., R. 11 W.
 (TOWNSHIP OR RANCHO)

Bisti

(FIELD)
 San Juan, New Mexico
 (COUNTY)

DAY	DEPTHS		REMARKS
	FROM	TO	
1960			
1/26	5025 TD		Perforated four 1/2" holes/foot 4881-91', 4895-4913', 4940-44', 4954-66', 4972-82'.
1/27			Spotted 200 gallons mud acid over perforations.
1/28			Sand oil fracture treatment #1 - 50,000 gallons lease crude, 1#/gallon sand, 125 rubber balls, maximum pressure 2300 psi, average rate 31 barrels/minute - no pressure effect from balls.
1/29 to 1/30			Bailed frac sand. Ran 2-3/8" tubing to 4890', ran rods and pump.
1/31 to 3/18			Pumped and recovered 894 barrels frac and load oil, 682 barrels frac oil remaining.
3/19			Pulled rods and tubing. Perforated eight 1/2" holes/foot 4881-91', 4895-4901' and 4906-12'. Vibro-fractured each interval.
3/20			Cleaned out vibro-frac junk and sand from 4900 to 4976'.
3/21			Ran rods and tubing - pumping 1:00 P.M. 3-21-60.
3/22 to 6/4			Pumped and recovered a total of 1,343 barrels, 233 barrels frac oil remaining.
6/5 to 6/8			Shut in.
6/9			Dumped 55 gallons frac sand in casing (top of sand - 4920'). Injected 750 gallons fix-a-frac overflushed with 1,000 gallons crude, maximum pressure 1800 psi. Sand oil fracture treatment #2 - 45,000 gallons lease crude, 1#/gallon sand in three 15,000-gallon stages. Last two stages preceded by 500 gallons crude containing 1#/gallon naphthalene pellets. Dropped 25 rubber balls after 35,000 gallons of treatment. Maximum pressure 2350 psi. Average rate 33 barrels/minute.

CONDITION AT END OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
12-1/4"	0	115	8-5/8"	109'
7-7/8"	115	5025	4-1/2"	5024'
DRILL PIPE SIZES				
4-1/2"				

M. W. McGarry

McGarry

SHELL OIL COMPANY

Carson Unit
WELL NO. 22-18

DRILLING REPORT
FOR PERIOD ENDING

12-23-60

Bisti
(FIELD)
San Juan, New Mexico
(COUNTY)

18
(SECTION OR LEASE)
T. 25 N., R. 11 W.
(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
1960			
6/10 to 6/12	5025 TD		Cleaned out frac sand. Ran 2-3/8" tubing to 4890', ran rods and pump.
6/13 to 12/22			Pumped and recovered all load and frac oil, 1736 barrels.
12/23			INITIAL PRODUCTION Pumping 6 B/D gross, 6 B/D oil, cut 1.3%, 1 MCF/D gas. Completed 12-23-60.

CONDITION AT END OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
12-1/4"	0	115	8-5/8"	109'
7-7/8"	115	5025	4-1/2"	5024'
DRILL PIPE SIZES			4-1/2"	

M. W. McGarry *mm*