

CEMENTING PROGRAM			DOWELL HOBBS, N.M., JOHNS NEWTON, 505-393-6186		
<u>HOLE SIZE</u>	<u>DEPTH</u>	<u>CASING</u>	<u>% EXCESS</u>	<u>CEMENT</u>	<u>YIELD</u>
SURFACE					
12 1/4"	1050	8 5/8"	100	700 SX. PREM. PLUS W/ 2/10%	1.32
			(CIRC.)	D-46, 1/4# D-29 & 2% CaCl	

PRODUCTION					
7 7/8"	8550	5 1/2"	25	1ST STAGE- 680 SX. 50/50 POZ	1.31
			(TOC @ 5000')	"H" W/ 5# D-44, 3/10% D-60,	
				2.5# B-28, 1/4# D-29 & 2/10% D-46	
		D.V. TOOL @ 6400'		2ND STAGE- 300 SX. 35/65 POZ	2.17
				"C" W/ 6% D-20, 8# D-44 & 1/4# D-29	
				100 SX. "C" NEAT, 2/10% D-46	1.32

CASING EQUIPMENT	DAVIS LYNCH
SURFACE	INSERT FLOAT, FLOAT SHOE, 8 5/8" RUBBER PLUG, 5
	CENTRALIZERS, 1 LIMIT CLAMP

PRODUCTION	FLOAT COLLAR, FLOAT SHOE, D.V. TOOL @ +/- 6400', 25
	CENTRALIZERS, 1 LIMIT CLAMP, LATCH-IN PLUG & D.V. PLUG SET

MUD PROGRAM		MUD-TECH, INC., JERRY BUTTS, 505-746-2907			
<u>INTERVAL</u>	<u>WEIGHT</u>	<u>VIS. (SEC)</u>	<u>PH</u>	<u>W.L. (CC)</u>	<u>TYPE MUD AND ADDITIVES</u>
0-1050'	8.4-8.6	29-36	>8	N.C.	FRESH WATER W/ LIME & GEL
					PAPER & FIBER FOR SEAPAGE
1050-6000'	8.6-10.5	32-34	10	N.C.	SATURATED BRINE, PAPER &
					FIBER FOR SEAPAGE
6000-8550	9.2-9.5	29-34	9-10	10-15	BRINE WATER W/ GEL &
					STARCH, 20-50 PPM NITRATES,
					ADD CRUDE OIL TO REDUCE
					WEIGHT (+/-30%), CAUSTIC FOR
NOTE: MUD UP AT 6000'					ph CONTROL AND PAPER FOR
					SEAPAGE

NOTIFICATION:		OFFICE	HOME	MOBILE
<u>NAME</u>	<u>TITLE</u>	<u>PHONE</u>	<u>PHONE</u>	<u>PHONE</u>
RONNIE WILLIS	DRILLING. FOREMAN	622-1127	396-6601	626-3745
FRANK MORGAN	PRODUCTION SUPT.	622-1127	365-2919	C-887-5827 01200
				B.L.-393-7771 -01148
				M-624-0259 -16148
JOHN WORRALL	WELL SITE GEOLOGIST	622-5891	622-2768	
STEVE MITCHELL	GEOLOGIST (BACK-UP)	622-5891	623-1404	
MARK MURPHY	PRESIDENT	622-1127		
BRUCE STUBBS	ENGINEER	624-2800	623-6466	

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