

PLUG & ABANDONMENT PROCEDURE

6/7/95

Scott #1
Blanco Mesaverde
DPNO 48346A
NE Section 29, T-32-N, R-10-W
San Juan County, New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test location rig anchors. Prepare blow pit for cement washout only. Comply to all NMOC, BLM, and MOI safety regulations.
2. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP. Test BOP.
3. PU on 2" tubing and TOOH. Run gauge ring (7", 20#) to 4700'. PU 7" CR and TIH.
4. **Plug #1 (Mesaverde Open Hole, 4467'--4417')**: Wireline set 7" BP @ 4467' TIH with open ended tubing to 4467'. Load casing with water and circulate clean. PT to 500 psi. Mix 19 sxs Class B cement and spot above BP @ 4467 to 4367'. POH with tubing. PT casing to 500 psi and TOH.
5. **Plug #2 (Pictured Cliffs and Fruitland tops, 3038'--2477')**: Perforate 4 holes @ 3038'. If casing tested, establish rate with water into squeeze holes. PU 7" CR and TIH. Set CR @ 2988'. Establish rate with water into perfs. Mix and pump 172 sxs Class B cement. Squeeze 143 sxs cement outside and leave 29 sxs inside. PUH to 2577'. Mix and pump 29 sxs Class B cement and spot a balanced plug inside casing from 2577' -- 2477'. POOH.
6. **Plug #3 (Kirtland and Ojo Alamo tops, 1247'--982')**: Perforate 4 holes @ 1247'. Establish rate with water into squeeze holes. PU 7" CR and TIH. Set CR @ 1197'. Establish rate with water into perfs. Sting into CR. Mix and pump 129 sxs Class B cement. Squeeze 68 sxs cement outside and leave 61 sxs inside. POOH.
7. **Plug #4 (Surface -- 212')**: Perforate 4 holes @ 212'. Establish circulation out bradenhead valve. Mix and pump approximately 68 sxs Class B cement down 7" casing. Circulate good cement out bradenhead valve. Shut in well and WOC.
8. ND BOP and cut off wellhead below surface casing. Note the cement level in the casing and annulus; fill as necessary. Install P&A marker to comply with regulations.
9. Rig down, cut off anchors, move off location, and restore location per BLM stipulations.

Recommended: _____
Operations Engineer

Approval: _____
Production Superintendent

LWD/CRF/cf

PERTINENT DATA SHEET

6/12/95

WELLNAME: Scott #1				DP NUMBER: 48346A			
				PROPERTY NUMBER: 072255800			
WELL TYPE: Blanco Mesaverde				ELEVATION: GL: 6179' KB: 6189'			
LOCATION: 1650' FNL, 990' FEL Sec. 29, T32N, R10W San Juan County, NM				INITIAL POTENTIAL: AOF 4,950 Mcf/d INITIAL SICP: 5/52 1,115 psig CURRENT SICP: 8/91 417 psig			
OWNERSHIP: GWI: 50.0000% NRI: 43.5000% SJBT: 0.0000%				DRILLING: SPUD DATE: 01-14-52 COMPLETED: 05-13-52 TOTAL DEPTH: 5506' COTD: 5504'			
CASING RECORD:							
<u>HOLE SIZE</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>EQUIP.</u>	<u>CEMENT</u>	<u>TOC</u>
12 1/4"	9 5/8"	36#	J55	162'		100 sx	Cir. Surface
8 3/4"	7"	20# & 23#	J55	4517'	8rd	300 sx	TS 4100'
Tubing	2 3/8"	4.7#	EUE	5427'	179 Jts. 8rd		
FORMATION TOPS: Nacimiento Surface Ojo Alamo 1032' Kirtland 1197' Fruitland 2527' Pictured Cliffs 2988' Mesaverde 4640' Menefee Point Lookout Gallup Greenhorn Graneros Dakota							
LOGGING: Lane-Wells GRN O-T.D., TS							
PERFORATIONS Open Hole Completion							
STIMULATION: 1,365 qts. SNG from 4834' -- 5504'							
WORKOVER HISTORY: Apr-52 Squeezed 7" shoe w/ total of 450 sx.							
PRODUCTION HISTORY: <u>Gas</u> <u>Oil</u> Cumulative as of 1995: 4.1 Bcf 58.2 Mbo Current: 0 Mcf 0 bo DATE OF LAST PRODUCTION: <u>Gas</u> <u>Oil</u> June, 1991 112 Mcf 0 Bo							
PIPELINE: EPNG							