DEPARTMENT OF THE INTERIOR	/		
BUREAU OF LAND MANAGEMENT	RECEIVED		,
DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Sundry Notices and Reports on E		M	
20 9 25	050 C DW 1	- 15	Lease Number
1 22 till	SEP-6 PM I:	24·	SF-078922
Sundry Notices and Reports on a section of the sect	O FARMINGTON,	NM 6	If Indian, All. or Tribe Name
		7.	Unit Agreement Name
2. Name of Operator			
		0	Canyon Largo Unit
3. Address & Phone No. of Operator		8.	Well Name & Number Canyon Largo U #222
PO Box 4289, Farmington, NM 87499 (505) 326-97	00	9.	API Well No.
4. Location of Well, Footage, Sec., T, R, M 1100'FSL, 1500'FEL, Sec.3, T-24-N, R-7-W, NMPM		1.0	30-039-20753 Field and Pool
		10.	Ballard Pictured Cl.
		11.	County and State
			Rio Arriba Co, NM
X Notice of Intent X Abandonment Recompletion Subsequent Report Plugging Back Casing Repair Final Abandonment Altering Casin Other -	Non-Rout Water Sl	struct tine F nut of	ion Tracturing If
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APPROVED

DISTRICT WAND CER

PLUG & ABANDONMENT PROCEDURE

Canyon Largo Unit #222
Ballard Pictured Cliffs
SE Section 3, T-24-N, R-07-W
Rio Arriba, 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. Comply to all NMOCD, BLM, and MOI regulations.
- 2. MOL and RU daylight pulling unit. 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. POOH and tally 1-1/4" tubing (76 jt @ 2453', bottom jt, 4' perf jt w/ball plug).
- 3. Install cementing valve. Open bradenhead valve. Establish rate down 2-7/8" casing with 15 bbls water, record pump rate and pressure. Monitor bradenhead for flow. If no flow or blow, then pump eleven 7/8" RCN balls (total of 32 perforations) in additional water and monitor pressure, rate, and volumes pumped, to confirm perforations taking water and there is not a casing leak. If bradenhead flows water or there are other indications of a casing leak, then use 1-1/4" tubing to plug well.
- 4. Plug #1 (Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo tops, 2498' to 1000'):
 Establish rate into perforations with water. Mix and pump 50 sx Class B cement (20% excess) and bullhead down 2-7/8" casing from surface; displace inside casing with water to 1000' to cover Pictured Cliffs perforations, Fruitland, Kirtland, and Ojo Alamo tops. Shut in Pictured Cliffs casing valve and WOC. RIH with wireline gauge ring and tap top of cement. Pressure test casing to 500#.
- 5. **Plug #2 (Nacimiento to Surface):** Perforate 2 holes @ 245'. Establish circulation out bradenhead valve. Mix approximately 70 sx class B cement and pump down 2-7/8" casing, circulate good cement out bradenhead valve. Shut in well. WOC.
- 6. ND BOP and cut off wellhead below surface casing collar. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended: Operations Engineer

Approval: Production Superintendent

Canyon Largo Unit #222

CURRENT

Ballard Pictured Cliffs

Section 3, T-24-N, R-7-W, Rio Arriba County, NM

Today's Date: 8/29/95 Spud: 8/23/73 Completed: 10/12/73 8-5/8", 24.0#, J-55. Csg set @ 137', Cmt w/90 sx (Circulated to Surface) 12-1/4" hole Nacimiento @ 195' TOC @ 1525' (TS) 7-7/8" hole Changed Drill Bit from 7-7/8" to 6-3/4" @ 1776' Ojo Alamo @ 1810' Kirtland @ 1963' 76 jts, 1-1/4", IJ, NU, 10rd, tbg set @ 2453', (bottom jt,4' perf jt w/ball plug) Fruitland @ 2318' Pictured Cliffs @ 2466' Pictured Cliffs Perforations: 2466' - 2498', Total 32 holes COTD 2565'

TD 2576'

6-3/4" hole

2-7/8", 6.4#, J-55, 10rd, Csg set @ 2576', Cmt w/120 sx (Baffle set @ 2565') 4

Canyon Largo Unit #222

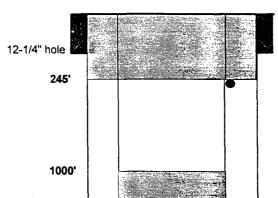
PROPOSED

Ballard Pictured Cliffs

Section 3, T-24-N, R-7-W, Rio Arriba County, NM

Today's Date: 8/29/95 Spud: 8/23/73 Completed: 10/12/73

Nacimiento @ 195'



8-5/8", 24.0#, J-55, Csg set @ 137', Cmt w/90 sx (Circulated to Surface)

Perf @ 245'

Plug #2: 245' - Surface, Cmt w/70 sx Class B Cmt

TOC @ 1525' (TS)

7-7/8" hole

Ojo Alamo @ 1810'

Kirtland @ 1963'

Fruitland @ 2318'

Pictured Cliffs @ 2466'

6-3/4" hole

COTD 2565

TD 2576

Changed Drill Bit from 7-7/8" to 6-3/4" @ 1776'

Plug #1: 2498' - 1000', Cmt w/50 sx Class B Cmt (20% excess, long plug)

Pictured Cliffs Perforations: 2466' - 2498', Total 32 holes

2-7/8", 6.4#, J-55, 10rd, Csg set @ 2576', Cmt w/120 sx (Baffle set @ 2565')