UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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						<u> </u>	SF-078876 If Indian, All. or
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	GAS			en e			
						7.	Unit Agreement Nam
		Operator		$-f^{*}$. With		•	
3	$\{V_{i}^{R}\}$	LINGTON	- 414 401711111				Canyon Largo Unit
	U	OIL	& GAS COMPANY			8.	
3 Ac	dress	& Phone No. of Oper	ator	5 (Canyon Largo U #16
J	O Box	4289, Farmington, N	M 87499 (505)	326-9700		9.	
						10	30-039-60052 Field and Pool
4. Lo	cation	of Well, Footage, 1180'FEL, Sec.30,	Sec., T, R, M	NIMIDM		10.	Ballard Pict Cliff
81	O'FNL,	1100 FED, Sec.50,	1-25-N, K / N,	11111111		11.	County and State
							Rio Arriba Co, NM
				OF NORTON	DEDORE O	משעיי	DATA
		PPROPRIATE BOX TO I Submission	NDICATE NATURE	Type of Act:	REPORT, O	Inek	DAIA
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		Subsequent Report	Plugging Casing		_ Non-Rout Water Sh		Fracturing ff
		Final Abandonment		g Casing	_		o Injection
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			Other -				
							
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PLUG AND ABANDONMENT PROCEDURE 1/4/01 Canyon Largo Unit #16 **Ballard Pictured Cliffs Ext.** 810' FNL & 1180' FEL, Unit A, Section 30, T25N, R7W

Latitude / Longitude: 36° 22.5786' / 107° 36.582' AIN: 5012901

All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The Note: stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

- Install and/or test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Burlington 1. safety rules and regulations. Conduct safety meeting for all workers on location. MOL and RU pulling unit. Kill well with water as necessary. ND wellhead and NU BOP, test BOP.
- TOH and tally 1-1/4" tubing, total 2509'. Round-trip 5-1/2" wireline gauge ring or scraper to 2462'. 2.
- Plug #1 (Pictured Cliffs perforations and Fruitland, Kirtland and Ojo Alamo tops, 2462' -3. 1761'): TIH and set a 5-1/2" cement retainer at 2462'. Pressure test tubing to 1000#. Load casing with water and circulate the well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as necessary. Mix 85 sxs cement and spot a balanced plug inside casing above the CR to isolate the Pictured Cliffs perforations and to cover the Fruitland, Kirtland and Ojo Alamo tops. TOH and LD tubing.
- Plug #2 (Nacimiento top and 8-5/8" Surface casing shoe, 280' Surface): Perforate 3 bi-wire 4. squeeze holes at 280'. Establish circulation out bradenhead valve with water. Mix and pump approximately 110 sxs cement down 5-1/2" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
- ND BOP and cut off casing below surface. Install P&A marker with cement to comply with 5. regulations. RD, move off location, cut off anchors and restore location.

Operations Engineer:

Matt Roberts

599-4098 (Office)

Sundry Required

Production Foreman:

Jim Work

Darren Randall 326-9808 (Office) 320-2447 (Cell)

320-2618 (Cell)

Specialist: Lease Operator:

Dwayne Horton 320-2550 (Cell)

324-7721 (Pager) 326-8779 (Pager)

MBR/plh

Canyon Largo Unit #16

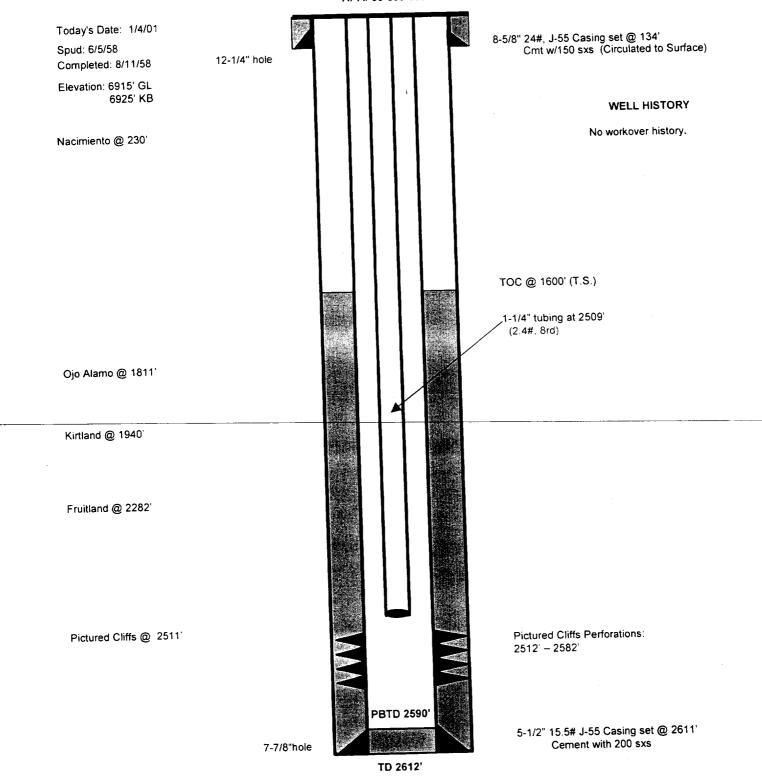
Current

AIN #5012901

Ballard Pictured Cliffs Ext.

NE, Section 30, T-25-N, R-7-W, Rio Arriba County, NM Latitude / Longitude: 36° 22.5786′ / 107° 36.582′

API # 30-039-60052



Canyon Largo Unit #16

Proposed P&A

AIN #5012901

Ballard Pictured Cliffs Ext.

NE, Section 30, T-25-N, R-7-W, Rio Arriba County, NM Latitude / Longitude: 36° 22.5786' / 107° 36.582'

API # 30-039-60052

Today's Date: 1/4/01 8-5/8" 24# J-55 Casing set @ 134' Cmt w/150 sxs (Circulated to Surface) Spud: 6/5/58 12-1/4" hole Completed: 8/11/58 Elevation: 6915' GL Plug #2: 280' - Surface 6925' KB Cmt with 110 sxs Nacimiento @ 230' Perforate @ 280' TOC @ 1600' (T.S.) Plug #1: 2462' - 1761' Cmt with 85 sxs Ojo Alamo @ 1811' Kirtland @ 1940' Fruitland @ 2282' Set Cement Rt @ 2462' Pictured Cliffs @ 2511' Pictured Cliffs Perforations: 2512' - 2582' PBTD 2590 5-1/2" 15.5# J-55 Casing set @ 2611'

TD 2612'

7-7/8"hole

Cement with 200 sxs