# State of New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division

		API	# (assigned by OCD)
. Type of Well GAS		5.	30-045-23335 Lease Number
GAD		6.	Fee State Oil&Gas Leas
. Name of Operator		7.	Lease Name/Unit Na
BURLINGTON RESOURCES OIL	& GAS COMPANY		Hubbard
		8.	Well No.
PO Box 4289, Farmington, NM		9.	
Location of Well, Footage, Se	ec., T, R, M	10.	Blance Pict.Cliffs Elevation:
1450'FSL, 1110'FWL, Sec. 22, 1			
Type of Submission	Type of Act:	Lon	
_X_ Notice of Intent	_X_ Abandonment	_ Change of Plans New Construction	
Subsequent Report	Plugging Back	Non-Routine I	Fracturing
Final Abandonment	Casing Repair Altering Casing	Water Shut of	
	Other -	_	7 111,0001011
It is intended to plug and procedure and well:	a abandon the subject well	ll according to	o the attached
It is intended to plug and	a abandon the subject well	DECI N ser OIL GO	EIVED - 5 1997 DBL. DIV.
It is intended to plug and	a abandon the subject well	DEGI N ser OIL GO	<b>国[[V]]</b> - 5 1987
It is intended to plug and	a abandon the subject well	DECI N ser OIL GO	EIVED - 5 1997 DBL. DIV.
It is intended to plug and	a abandon the subject well	DEGI N ser OIL GO	EIVED - 5 1997 DBL. DIV.
It is intended to plug and procedure and well:	a abandon the subject well	DECI N SEP OIL GO	EIVED - 5 1997 DN. DIV. N. 3
It is intended to plug and procedure and well:	d abandon the subject well bore diagram.	DEGIN SEP	EIVED - 5 1997 DI. DIV. J. S

# PLUG AND ABANDONMENT PROCEDURE

7-14-97

#### Hubbard #5

Blanco Pictured Cliffs DPNO 29905 SW, Sec. 22, T32N, R12W San Juan County, New Mexico

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

- Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, 1. and BROGC safety regulations.
- Conduct safety meeting for all personnel on location. NU relief line. Blow down well and 2. kill with water as necessary. ND wellhead and install cementing valve.
- Open bradenhead valve. Establish rate down 2-7/8" casing with 20 bbls water, record pump 3. rate and pressure. Monitor bradenhead for flow 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 we move on a pulling unit and use 1-1/4" tubing to plug well.
- Plug #1 (Pictured Cliffs perforations, Fruitland tops, 2590' 2055'): Establish rate into 4. Pictured Cliffs perforations with water. Mix and pump 53 sxs Class B cement down 2-7/8" casing, displace to 1000'. Shut in well and WOC. RU mast truck and RIH with wireline and tag cement. Pressure test casing to 500#. If casing leaks then RIH with 1-1/4" tubing to 2640' or as deep as possible and spot a 20 sx plug. POH, WOC then tag cement.
- Plug #2 (Kirtland and Ojo Alamo top, 780' 656'): If casing tested, perforate 2 squeeze 5. holes at 780'. Establish rate into squeeze holes. Mix 58 sxs Class B cement and pump down 2-7/8" casing, squeeze 43 sxs outside casing and leave 15 inside, displace to 250'. WOC and tag cement. If casing leaks after plug #1, then perforate at 780' and set 2-7/8" wireline cement retainer at 730'. RIH with tubing, sting into retainer and then establish rate into squeeze holes. Mix 48 sxs Class B cement and squeeze 43 sxs cement outside 2-7/8" casing and leave 5 sxs cement inside casing to cover Ojo Alamo top. POH and LD tubing.
- Plug #3 (Surface): Perforate 2 squeeze holes at 192'. Establish circulation out 6. bradenhead valve. Mix and pump approximately 56 sxs Class B cement down 2-7/8" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
- ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with 7. regulations. RD, MOL, cut off anchors, and restore location.

Recommended: 10 4 4 Tay
Operations Engineer

Approval:

## Hubbard #5

### Proposed P&A

DPNO 29905

Blanco Pictured Cliffs
SW Section 22, T-32-N, R-12-W, San Juan County, NM

Today's Date: 7/14/97

Spud: 2/10/79 Completed: 8/7/79 Elevation: 6135' GL

Logs: IES: GR-Density; GR

Workover: None

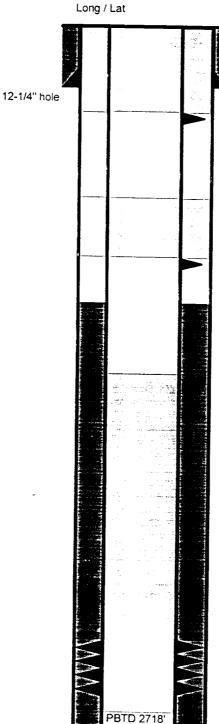
Ojo Alamo @ 706'

Kirtland @ 730'

Fruitland @ 2105'

Pictured Cliffs @ 2525'

6-3/4 hole



TD 2750'

8-5/8" 24#, K55 Casing set @ 142' Cmt with 110 sxs (Circulated to Surface)

Perforate @ 192'

Plug #3 192' - Surface Cmt with 56 sxs Class B.

Plug #2 780' - 656' Cmt with 58 sxs Class B, 43 sxs outside casing and 15 sxs inside, displace to 250'.

Perforate @ 780'

TOC @ 1235' (Calc, 75%)

Plug #1 2590' - 2055' Cmt with 53 sxs Class B, (20% excess, displace to 1000').

Pictured Cliffs Perforations: 2578' - 2590' (3 holes)

2-7/8" 6.5#, K55 Csg set @ 2738 Cmt with 280 sxs (411 cf)

# Hubbard #5

DPNO 29905

#### Blanco Pictured Cliffs

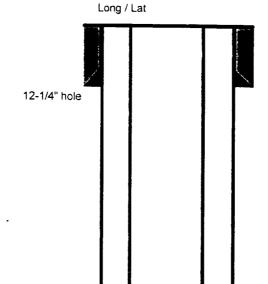
SW Section 22, T-32-N, R-12-W, San Juan County, NM

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Ojo Alamo @ 706'

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Pictured Cliffs @ 2525'

Pictured Cliffs Perforations: 2578' - 2590' (3 holes)

2-7/8" 6.5#, K55 Csg set @ 2738 6-3/4 hole 2-7/8" 6.5#, K55 Csg set @ 2738 Cmt with 280 sxs (411 cf)

PBTD 2718'

TD 2750