UNITED STATES

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

PECEIVED PLM

99 MAY 14 AM 9: 06

		551W 1 14 KII 5 00
Sundry Notices and Reports or	n Wells	070 Francis (2011, 124
1. Type of Well GAS DEC		5. Lease Number NM-03562 6. If Indian, All. or Tribe Name
MA MA	Y 2 4 1999	7. Unit Agreement Name
	:0N. DIV.	
3. Address & Phone No. of Operator		8. Well Name & Number Stickle #1
PO Box 4289, Farmington, NM 87499 (505) 326-9	700	9. API Well No. 30-045-20762
4. Location of Well, Footage, Sec., T, R, M 990'FNL, 1454'FWL, Sec.12, T-30-N, R-10-W, NMPM		10. Field and Pool
		Blanco Pictured Cliffs 11. County and State San Juan County, NM
X Notice of Intent _X_ Abandonment Recompletion Subsequent Report Plugging Back Casing Repair	Non-Routing Water Shuteng Conversion	ruction ne Fracturing t off n to Injection
14. I hereby certify that the foregoing is true Signed Title Regulat (This space for Federal or State Office use) APPROVED BY		r_Date 5/13/99 _trc MAY 20 1999

PLUG AND ABANDONMENT PROCEDURE

5-6-99

Stickle #1

Blanco Pictured Cliffs 990' FNL & 1454' FWL, Section 12, T30N, R10W 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.

- Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD. BLM, and Burlington safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
- 2. Due to casing leak tally and prepare an 1-1/4" IJ workstring. Round trip 2-7/8" gauge ring to 3170" or as deep as possible.
- 3. Plug #1 (Pictured Cliffs interval and Fruitland Coal top, 3170' 2806'): Set a 2-7/8" wireline CIBP at 3170'. TIH with open ended tubing and tag CIBP. Load casing with water and establish circulation. Attempt to pressure test casing to 500#. If casing does not test, spot or tag subsequent plug as appropriate. Mix 12 sxs Class B cement and spot a balanced plug inside casing above the CIBP to isolate the Pictured Cliffs interval and cover Fruitland top. TOH to 2075.
- 4. Plug #2 (Kirtland and Ojo Alamo tops, 2075' 1855'): Mix 8 sxs Class B cement and spot inside the casing to cover Ojo Alamo top. TOH and LD tubing.
- 5. Plug #3 (8-5/8" Surface casing at 143'): Perforate 2 bi-wire squeeze holes at 193'. Establish circulation out bradenhead valve. Mix and pump approximately 70 sxs Class B cement down 2-7/8" casing and circulate good cement out bradenhead valve. Shut well in and WOC.
- 6. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Recommended	<u>:</u>
	Operations Engineer
Approval:	
	Drilling Superintendent

Stickle #1

Current DPNO 5240601

Blanco Pictured Cliffs

NW Section 12, T-30-N, R-10-W, San Juan County, NM

Long: 107 deg. 50.27' / Lat: 36 deg. 49.86'

Today's Date: 5/6/99 Spud: 4/13/77 Completed: 5/5/71 Elevation: 6621' (GL) Logs: C-DLC-GR, Ird.. Temp. Survey

12-1/4" Hole

8-5/8" 24#, J-55 Casing set @ 143' Cmt w/ 85 sxs (Circulated to Surface)

TOC @ 1452' (Calc. @ 75%)

Ojo Alamo @ 1905'

Kirtland @ 2025

Fruitiand Coal @ 2856'

Pictured Cliffs @ 3220'

WORKOVER HISTORY

Nov '98: Restimulation attempt. No tubing in well: set RBP at 3177' and load casing attempt to PT, leak 3/4 bpm at 1250#: reset RBP at 3077', attempt to PT, same leak: recover RBP; clean out with air from 3228' to 3267'; no tubing in well.

Pictured Cliffs Pe crations: 3222' - 3238' 18 holes

2-7/8" 6.4#, J-55, Casing set @ 3340' Cemented with 270 sxs (512 cf)

6-3/4" Hole

TD 3340'

PBTD 3329

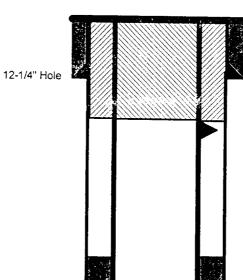
Stickle #1

Proposed P&A DPNO 5240601

Blanco Pictured Cliffs NW Section 12, T-30-N, R-10-W, San Juan County, NM

Long: 107 deg. 50.27' / Lat: 36 deg. 49.86'

Today's Date: 5/6/99 Spud: 4/13/77 Completed: 5/5/71 Elevation: 6621' (GL) Logs: C-DLC-GR, Ind.. Temp. Survey



8-5/8" 24#, J-55. Casing set @ 143" Cmt w/ 85 sxs (Circulated to Surface)

Perforate @ 193'

Plug #3 193' - Surface Cmt with 70 sxs Class B

Ojo Alamo @ 1905

Kirtland @ 2025'

Fruitland Coal @ 2856'

Pictured Cliffs @ 3220

TOC @ 1452' (Caic @ 75%)

Plug #2 2075' - 1855' Cmt with 8 sxs Class B

Plug #1 3170' - 2806' Cmt with 12 sxs Class B

Set CIBP @ 3170'

Pictured Cliffs Perforations: 3222' - 3238' 16 holes

6-3/4" Hole

TD 3340'

2-7/8" 6.4#, J-55, Casing set @ 3340' Cemented with 270 sxs (512 cf)