

submitted in lieu of Form 3160-5

**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**  
Sundry Notices and Reports on Wells

<p>1. Type of Well Gas</p> <hr/> <p>2. Name of Operator Alpine Oil &amp; Gas Corporation</p> <hr/> <p>3. Address &amp; Phone No. of Operator P.O. Box 2567, Durango, CO 81302</p> <hr/> <p>Location of Well, Footage, Sec., T, R, M  990' FSL and 1850' FEL, Sec. 14, T-24-N, R-5-W,</p>	<p>5. Lease Number Jic 37-B</p> <p>6. If Indian, All. or Tribe Name Jicarilla Apache</p> <p>7. Unit Agreement Name</p> <p>8. Well Name &amp; Number Jicarilla 37B #1R</p> <p>9. API Well No. 30-039-21737</p> <p>10. Field and Pool Pictured Cliffs</p> <p>11. County &amp; State Rio Arriba County, NM</p>
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**12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA**

Type of Submission	Type of Action	
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other -	

**13. Describe Proposed or Completed Operations**

Alpine Oil & Gas Corporation plans to plug and abandon this well per the attached procedure.

**14. I hereby certify that the foregoing is true and correct.**

Signed Jeresa McCoun Title Agent with Alpine Date 4/9/02

(This space for Federal or State Office use)

APPROVED BY J. DAVIS R. STANLEY Title Lands and Mineral Resources Date MAY 14 2002  
CONDITION OF APPROVAL, if any:

## PLUG AND ABANDONMENT PROCEDURE

4/9/02

### Jicarilla 37B #1R

Ballard Pictured Cliffs

990' FSL & 1850' FEL, Section 14, T24N, R5W

Rio Arriba County, New Mexico API #30-039-21737

Long: / Lat:

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. All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD and BLM 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. TOH and tally 2-3/8" EUE tubing. Visually inspect tubing, if necessary use a workstring. Round-trip 4-1/2" wireline gauge ring or casing scraper to 2314'.
3. **Plug #1 (Pictured Cliffs perforations and Fruitland, Kirtland and Ojo Alamo tops, 2341' - 1775')**: TIH and set a 4-1/2" CR at 2314'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plug as necessary. Mix 45 sxs cement and spot a balanced plug inside casing above the retainer to isolate the Pictured Cliffs perforations and to cover the Fruitland, Kirtland and Ojo Alamo tops. TOH and LD tubing.
4. **Plug #2 (Nacimiento and 8-5/8" surface casing shoe, 450' - Surface)**: Perforate 3 squeeze holes at 450'. Establish circulation out bradenhead with water. Mix and pump approximately 150 sxs cement down the 4-1/2" casing to circulate good cement to surface. Shut in well and WOC. If casing leaks after plug #1, then set a CR at 450' for this plug.
5. 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.

# Jicarilla 37B #1R

## Current

Ballard Pictured Cliffs

SE, Section 14 T-24-N, R-5-W, Rio Arriba County, NM

API #30-039-21737

Today's Date: 4/9/02

Spud: 11/15/78

Completed: 1/15/79

Elevation: 6604' GL

Nacimiento @ 450'

Ojo Alamo @ 1825'

Kirtland @ 2000'

Fruitland @ 2100'

Pictured Cliffs @ 2365'

12-1/4" hole

8-5/8" 24# Casing set @ 108'  
Cement with 90 sxs (Circulated to Surface)

TOC @ 1698' (Calc, 75%)

2-3/8" tubing at 2424'  
(79 joints, 4.7# EUE J-55)

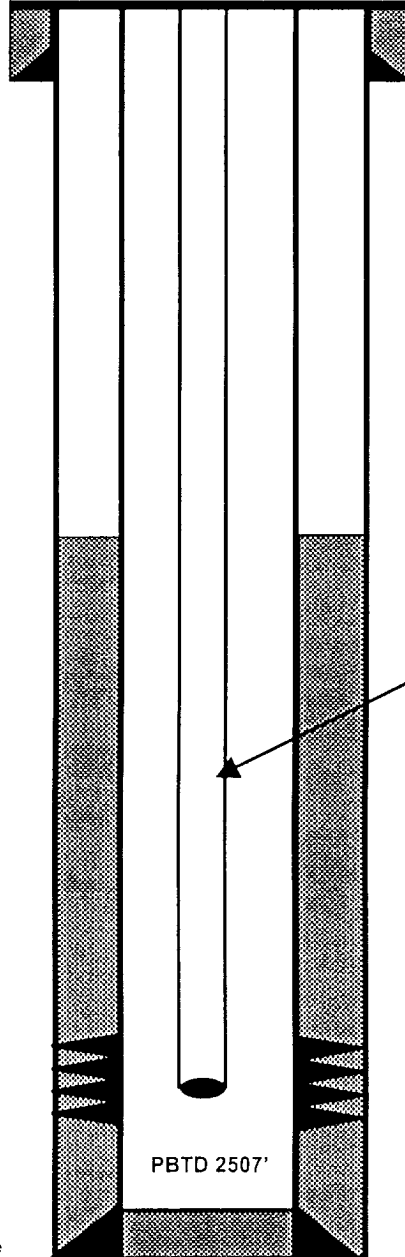
Pictured Cliffs Perforations:  
2364'- 2446'

PBTD 2507'

7-7/8" hole

TD 2550'

4-1/2" 10.5# Casing set @ 2550'  
Cement with 175 sxs (253 cf)



# Jicarilla 37B #1R

## Proposed P&A

Ballard Pictured Cliffs

SE, Section 14 T-24-N, R-5-W, Rio Arriba County, NM

API #30-039-21737

Today's Date: 4/9/02

Spud: 11/15/78

Completed: 1/15/79

Elevation: 6604' GL

Nacimiento @ 450'

Ojo Alamo @ 1825'

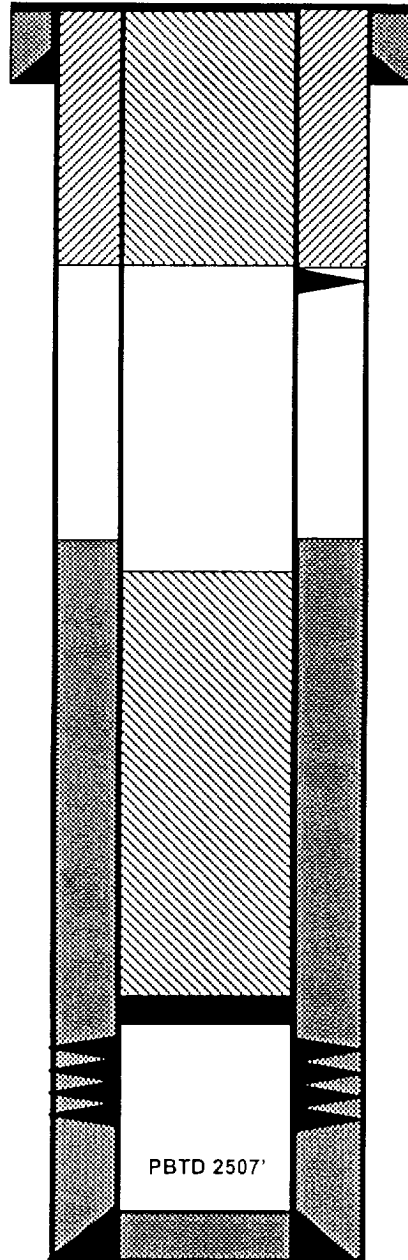
Kirtland @ 2000'

Fruitland @ 2100'

Pictured Cliffs @ 2365'

12-1/4" hole

7-7/8" hole



8-5/8" 24# Casing set @ 108'  
Cement with 90 sxs (Circulated to Surface)

Plug #2: 450' – Surface  
Cement with 150 sxs

Perforate @ 500'

TOC @ 1698' (Calc, 75%)

Plug #1: 2314' – 1775'  
Cement with 45 sxs

Set CIBP @ 2314'

Pictured Cliffs Perforations:  
2364' - 2446'

4-1/2" 10.5# Casing set @ 2550'  
Cement with 175 sxs (253 cf)

**CONDITIONS OF APPROVAL FOR PERMANENT ABANDONMENT**

Operator Alpine Oil and Gas Well Name Jicarilla 37B #1R

1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. For wells on Federal leases, Al Yepa with the Cuba Field Office is to be notified at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 289-3748. Office hours are 7:45 a.m. to 4:30 p.m.

For wells on Jicarilla leases notify Bryce Hammond with the Jicarilla Apache Tribe at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 759-1783 ext. 31.

3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made :

None

## BLM CONDITIONS OF APPROVAL

The following surface rehabilitation Conditions of Approval must be complied with as applicable, before this well can be approved for final abandonment (see 43 CFR 3162.3-4). Surface rehabilitation work shall be completed within one year of the actual plugging date. Notification for completion of this work should be submitted with a Sundry Notice. Questions? Call Pat Hester at (505) 761-8786.

1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location. Non-retrieved flowlines and pipelines will be abandoned in accordance with State Rule 714. Information supporting the non-retrieval will be included in the subsequent report or final abandonment Sundry Notice.

2. Production pits will be closed according to the Unlined Surface Impoundment Closure Guidelines, as approved in the Environmental Assessment of December 1993. Any oil stained soils can be remediated on-site according to these guidelines or disposed of in an approved facility.

3. The well pad will be shaped to the natural terrain and left as rough as possible. All compacted areas and areas devoid of vegetation shall be ripped/disked to a minimum of 12" in depth before reseeding.

4. Access roads will be shaped to conform to the natural terrain and left as rough as possible to deter vehicle travel. Access will be ripped to a minimum of 12" in depth, water barred and reseeded. All erosion problems created by the development must be corrected prior to acceptance of release. Water bars should be spaced as shown below along the fall line of the slope:

% Slope	Spacing Interval
Less than 20%	200'
2 to 5 %	150'
6 to 9 %	100'
10 to 15 %	50'
Greater than 15%	30'

5. All disturbed areas will be seeded with the prescribed certified seed mix (reseeding may be required). Seed mix must be certified weed free to avoid the introduction of noxious weeds. Refer to the original APD for seed mix.

6. Notify Surface Managing Agency seven (7) days prior to seeding so that they may be present to witness.

7. The period of liability under the bond of record will not be terminated until the well is inspected and the surface rehabilitation approved.

Other Surface Managing Agencies (SMA's) may vary slightly in their restoration requirements. It is your responsibility, as the operator, to obtain surface restoration requirements from other SMA's. We need to be provided with a copy of these requirements. Any problems concerning stipulations received from other SMA's should be brought to us. On private land, a letter from the fee owner stating that the surface restoration is satisfactory will be provided to the office. Questions? Call Pat Hester at (505) 761-8786.