UNITED STATES

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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OIL & GAS COMPANY Canyon Larger 3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700 4. Location of Well, Footage, Sec., T, R, M 1635'FSL, 915'FEL, Sec.24, T-25-N, R-6-W, NMPM 1635'FSL, 915'FEL, Sec.24, T-25-N, R-6-W, NMPM 11. County and Rio Arriba 12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Submission X Notice of Intent X Abandonment Recompletion Subsequent Report Plugging Back Non-Routine Fracturing Casing Repair Non-Routine Fracturing Casing Repair Altering Casing Conversion to Injection Other - 13. Describe Proposed or Completed Operations It is intended to plug and abandon the subject well according to the attack procedure and wellbore diagrams.	reement Na		6.			11	
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14. I hereby certify that the foregoing is true and correct. Signed (TF8) Title Regulatory Supervisor Date 7/13/ no (This space for Federal or State Office use) APPROVED BY Title Date		Date	correct. Supervisor	s true and e Regulator	ne foregoing is (TF8)Title	May Cali	Signed no (This space for

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

PLUG AND ABANDONMENT PROCEDURE 07/11/01

Canyon Largo Unit #168 Otero Chacra

AIN #5438201

1635' FSL & 915' FEL, Section 24, T25N, R6W Rio Arriba County, New Mexico API #30-039-Lat: 36 – 25.9086'/Long:-107 – 29.751'

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/or test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Burlington safety rules and regulations. ND wellhead and NU BOP, test BOP.
- 2. Prepare a 1-1/4" workstring. Round-trip 2-7/8" wireline gauge ring to 3268'.
- 3. Plug #1 (Chacra perforations, 3268' 3168'): Set a 2-7/8" wireline CIBP at 3268'. TIH with open ended tubing and tag CIBP. 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 10 sxs cement and spot a balanced plug inside casing above the CIBP to isolate the Chacra perforations. PUH to 2521'.
- 4. Plug #2 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 2521' 1850'): Mix 28 sxs cement (in 2 stages) and spot balanced plug inside casing to cover the Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops. TOH and LD tubing.
- 5. Plug #3 (Nacimiento top and 8-5/8" Surface casing, 400' surface): Perforate 3 bi-wire squeeze holes at 400'. Establish circulation out bradenhead valve. Mix and pump approximately 100 sxs cement down 2-7/8" casing to 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.

Specialist: Richard Lopez
Foreman: Ward Arnold

Recommended:	7-13-21 radions Engineer	Approval: Bouce D. Bouse 7 13 - Drilling Superintendent	, j
Tim Friesenhahn	Office - (326-9539) Pager - (326-8113)	Sundry Required: YES NO Approved:	
		Regulatory Procedure due to BLM 7/13/01	
Lease Operator: Ed	Goodwin	Cell: 320-2585 Pager: 326-8147	

Cell: 320-6573 Pager: 326-8681

Cell: 320-1689 Pager: 326-8303

Canyon Largo Unit #168 Proposed P&A

AIN # 5438201

Otero Chacra

SE, Section 24, T-25-N, R-6-W, Rio Arriba County, NM

Lat: 36 - 25.9086'/Long:-107 - 29.751'

Today's Date: 07/13/01

Spud: 09/27/85

Completed: 10/21/85

Elevation: 6471' GL

12-1/4" hole

Nacimiento @ 350'

Ojo Alamo @ 1900'

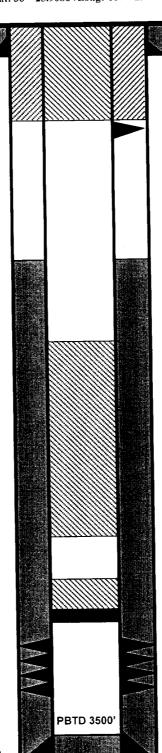
Kirtland @ 2070'

Fruitland @ 2260'

Pictured Cliffs @ 2471'

Chacra @ 3316'

6-3/4" hole



TD 3526'

8-5/8" 24# J-55 Casing set @ 139' Cmt w/142 cf (Circulated to Surface)

Perforate @ 400'

Plug #3 400' - Surface Cement with 100 sxs

TOC @ 1050' (T.S.)

Plug #2 2521' - 1850' Cement with 28 sxs (in 2 stages)

Plug #1 3268' - 3168' Cement with 10 sxs

Set CIBP @ 3268'

Chacra Perforations: 3318' - 3455'

2-7/8" 6.4# J-55 Casing set @ 3519' Cement with 748 cf

Canyon Largo Unit #168

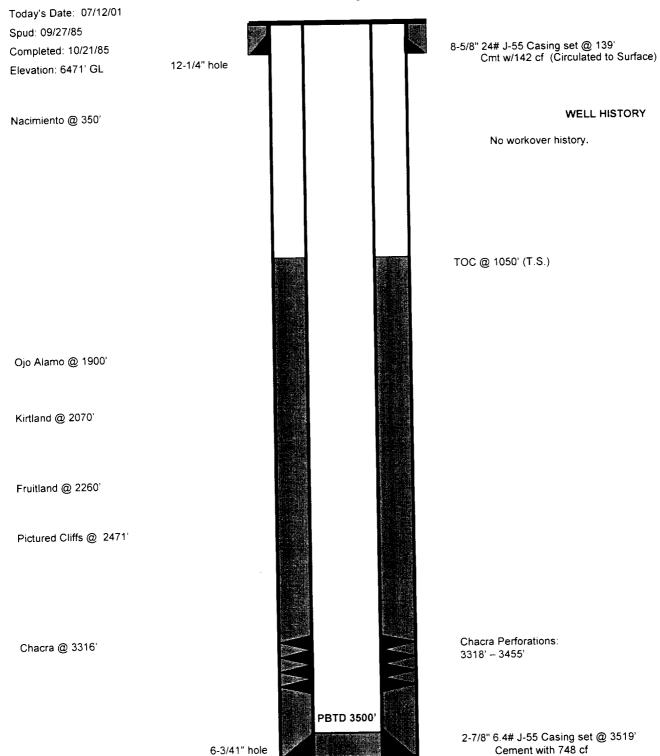
Current

AIN # 5438201

Otero Chacra

SE, Section 24, T-25-N, R-6-W, Rio Arriba County, NM

Lat: 36 - 25.9086'/Long:-107 - 29.751'



TD 3526'