

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.****SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Serial No. JIC34
2. Name of Operator FOUR STAR OIL AND GAS COMPANY	6. If Indian, Allottee or Tribe Name JICARILLA APACHE
3a. Address HOUSTON, TX 77252	7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 505-333-1941 Fx: 505-334-7134	8. Well Name and No. JICARILLA C 32
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 28 T25N R5W NWSE	9. API Well No. 30-039-22930-00-S1
	10. Field and Pool or Exploratory Area OTERO
	11. County or Parish, State RIO ARRIBA COUNTY, NM

OIL CONS. DIV DIST. 3

MAR 06 2017

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

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. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. NO wellhead and NU BOP. Function test BOP.

2. Rods: Yes ☐ , No ☒ , Unknown ☐ .  
Tubing: Yes ☒ , No ☐ , Unknown ☐ , Size ☐ 1-1/2? ☐ , Length ☐ 3561? ☐ .  
Packer: Yes ☐ , No ☒ , Unknown ☐ , Type ☐ .

Notify NMOCD 24 hrs  
prior to beginning  
operations

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. Electronic Submission #365310 verified by the BLM Well Information System For FOUR STAR OIL AND GAS COMPANY, sent to the Rio Puerco Committed to AFMSS for processing by ABDELGADIR ELMADANI on 03/02/2017 (17AE0011SE)	
Name (Printed/Typed) APRIL E POHL	Title PERMITTING SPECIALIST
Signature (Electronic Submission)	Date 01/30/2017

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ABDELGADIR ELMADANI	Title PETROLEUM ENGINEER	Date 03/02/2017
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Rio Puerco

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

NMOCD

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**Additional data for EC transaction #365310 that would not fit on the form**

**32. Additional remarks, continued**

If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.

3. NOTE: BLM requires a CBL log to be run on all wells where the cement did not circulate to surface or where a CBL log was not previously run. This procedure is prepared with the understanding that it may be modified based on the TOC from the CBL.

4. Plug #1 (Chacra interval, 3423? ? 3323?): Round trip gauge ring or casing scraper to 3423?, or as deep as possible. RIH and set 4.5? cement retainer at 3423?. Pressure test tubing to 1000 PSI. Load casing with water and circulate well clean. Pressure test casing to 800#. If casing does not test then spot or tag subsequent plugs as appropriate. Mix 12 sxs Class B cement inside casing from 3423? to isolate the Chacra perforations and top. PUH.

5. Plug #2 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 2693? ? 2072?): Mix and pump 51 sxs Class B cement and spot a balanced plug inside casing to cover through the Ojo Alamo top. PUH.

6. Plug #3 (Nacimiento top, 872? ? 772?): Mix and pump 12 sxs Class B cement and spot a balanced plug inside casing to cover the Nacimiento top. PUH.

7. Plug #4 (8.625? casing shoe, 378? ? 0?): Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 35 sxs cement and spot a balanced plug from 366? to surface, circulate good cement out casing valve. TOH and LD tubing; top off as necessary. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing and annulus from the squeeze holes to surface. Shut in well and WOC.

8. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and cut off anchors. Restore location per BLM stipulations

FOR FEDERAL AND PRIVATE LANDS  
AT THEORETICAL RECORD OR OPERATIONS  
OFFICE FOR PRODUCTION AND OTHER  
COSTS DO NOT COLLECT THE FEE AND  
BEARS APPROVAL OR REJECTION OF THE

## PLUG AND ABANDONMENT PROCEDURE

### Jicarilla C #32

Otero Chacra

1520' FSL and 1850' FEL, Section 28J, T25N, R5W

Rio Arriba County, New Mexico / API 30-039-22930

Lat: N 36.36825 / Lat: W 107.36239

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. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and test location rig anchors. Comply with all NMOC, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
2. Rods: Yes       , No X, Unknown       .  
Tubing: Yes X, No       , Unknown       , Size 1-1/2", Length 3561'.  
Packer: Yes       , No X, Unknown       , Type       .  
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
3. **NOTE: BLM requires a CBL log to be run on all wells where the cement did not circulate to surface or where a CBL log was not previously run. This procedure is prepared with the understanding that it may be modified based on the TOC from the CBL.**
4. **Plug #1 (Chacra interval, 3423' – 3323'):** Round trip gauge ring or casing scraper to 3423', or as deep as possible. RIH and set 4.5" cement retainer at 3423'. Pressure test tubing to 1000 PSI. Load casing with water and circulate well clean. Pressure test casing to 800#. If casing does not test then spot or tag subsequent plugs as appropriate. Mix 12 sxs Class B cement inside casing from 3423' to isolate the Chacra perforations and top. PUH.
5. **Plug #2 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 2693' – 2072'):** Mix and pump 51 sxs Class B cement and spot a balanced plug inside casing to cover through the Ojo Alamo top. PUH.
6. **Plug #3 (Nacimiento top, 872' – 772'):** Mix and pump 12 sxs Class B cement and spot a balanced plug inside casing to cover the Nacimiento top. PUH.
7. **Plug #4 (8.625" casing shoe, 378' – 0'):** Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 35 sxs cement and spot a balanced plug from 366' to surface, circulate good cement out casing valve. TOH and LD tubing; top off as necessary. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing and annulus from the squeeze holes to surface. Shut in well and WOC.
8. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and cut off anchors. Restore location per BLM stipulations

OIL CONS. DIV DIST. 3

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# Jicarilla C #32

## Proposed P&A

Otero Chacra

1520' FSL, 1850' FEL, Section 28J, T-25-N, R-5-W

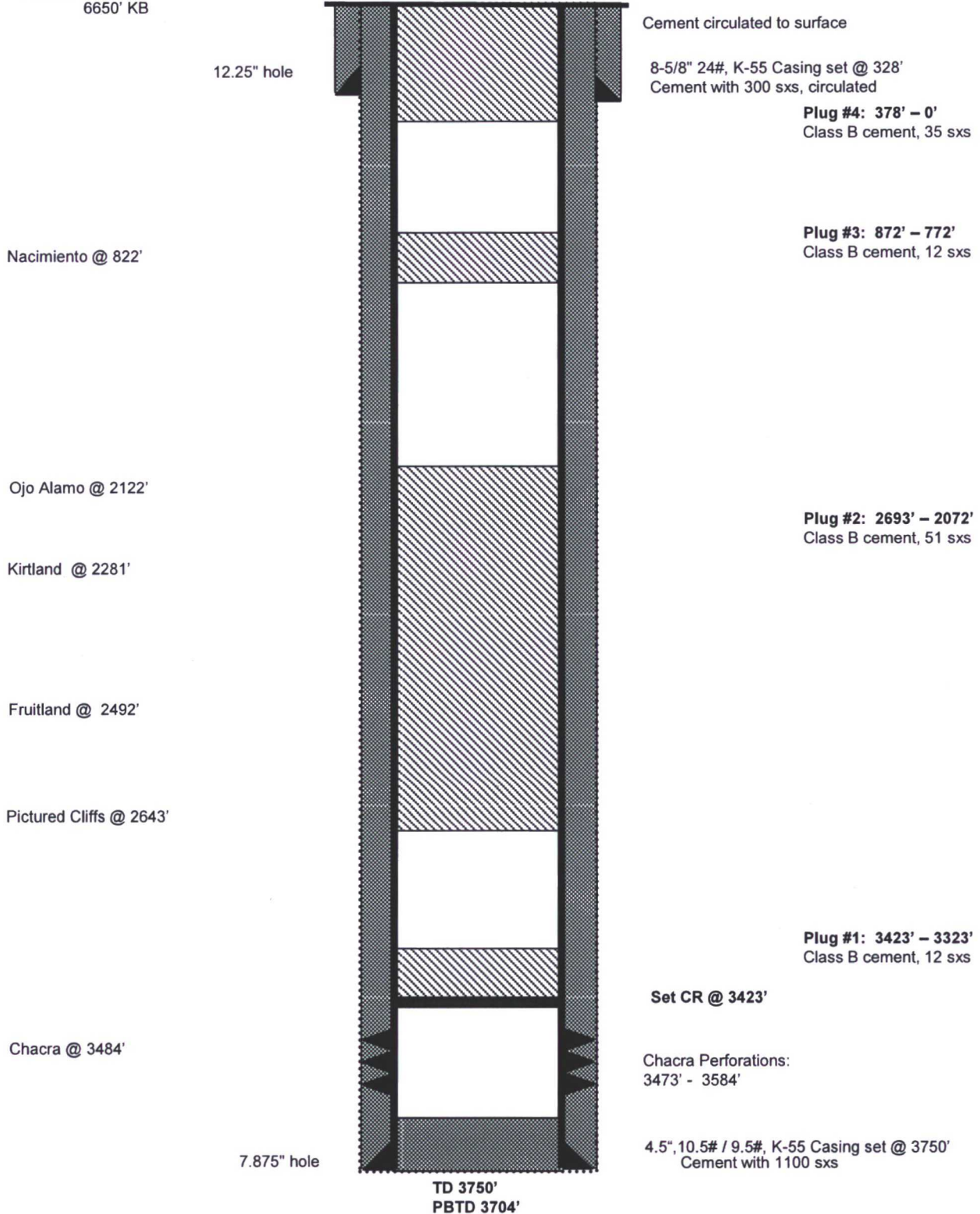
Rio Arriba County, NM, API #30-039-22930

Today's Date: 1/17/17

Spud: 4/28/82

Completed: 8/25/82

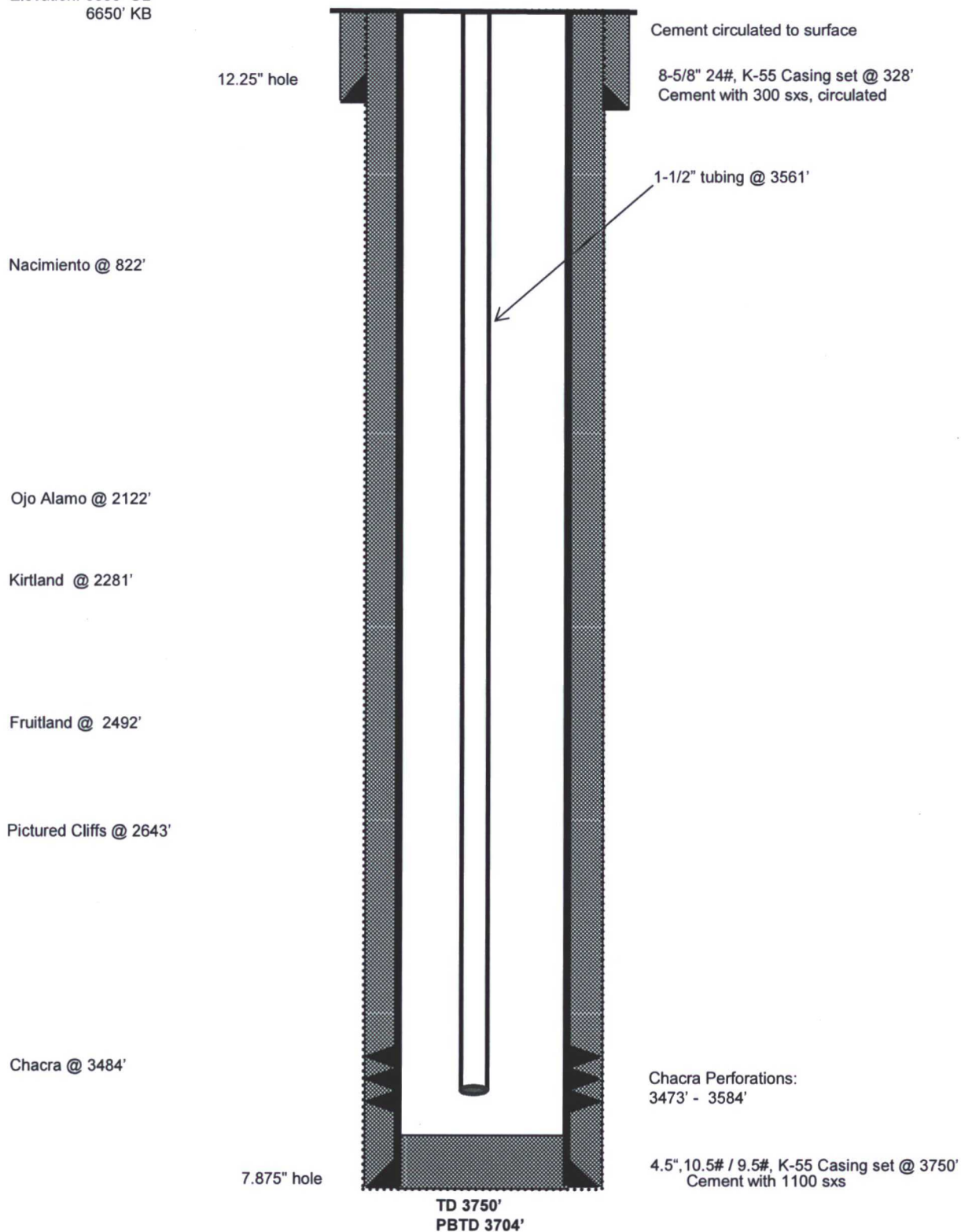
Elevation: 6638' GL  
6650' KB



## Otero Chacra

6650' KB

**Rio Arriba County, NM, API #30-039-22930**



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: Jicarilla C #32

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
  - a) Set Plug #3 (807'-707') ft. to cover the Nacimiento top. BLM picks top of Nacimiento at 757 ft.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.