

State of New Mexico  
Energy, Minerals and Natural Resources Department

**Susana Martinez**  
Governor

**David Martin**  
Cabinet Secretary-Designate

**Brett F. Woods, Ph.D.**  
Deputy Cabinet Secretary

**Jami Bailey, Division Director**  
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions  
listed below are made in accordance with OCD Rule 19.15.7.11  
and are in addition to the actions approved by BLM on the  
following 3160-4 or 3160-5 form.

Operator Signature Date: 10/28/13

Application Type:

☒ P&A    ☐ Drilling/Casing Change    ☐ Recomplete/DHC  
☐ Location Change    ☐ Other: \_\_\_\_\_

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf. Owner	UL	Sec	Twp	N/S	Rng	W/E
30-039-05806-00-00	JICARILLA C	011	FOUR STAR OIL & GAS CO	G	A	Rio Arriba	J	L	27	25	N	5	W

Conditions of Approval:

Notify NMOCD 24hrs prior to beginning operations.

Provide CBL to agencies prior to cementing

NMOCD Approved by Signature

11/13/2013  
Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**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 reverse side.**

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 Contact: APRIL E POHL E-Mail: April.Pohl@chevron.com		6. If Indian, Allottee or Tribe Name JICARILLA APACHE
3a. Address HOUSTON, TX 77252	3b. Phone No. (include area code) Ph: 505-3331901 E Fx: 505-334-7134	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 27 T25N R5W NWSW 1450FSL 1190FWL 36.367810 N Lat, 107.352331 W Lon		8. Well Name and No. JICARILLA C 11
		9. API Well No. 30-039-05806-00-D1
		10. Field and Pool, or Exploratory OTERO SOUTH BLANCO
		11. County or Parish, and State RIO ARRIBA COUNTY, NM

**12. CHECK 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"/> Fracture Treat	<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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

MIRU workover rig  
Pressure test tubing  
MIRU cement provider and establish injection down workstring. Attempt to pump cement through packer squeezing the Chacra perfs (3583?-3602?) with 10 sks of cement.  
MIRU tubing cutter and chemically cut tubing @ 3551?. PU and RIH with bit and scraper to Top of cut tubing @ 3551?.  
PU 5-1/2? cement retainer and set at 2700? (23? above PC perfs). Cement through retainer. Squeeze perfs from 2723?-2758? with 10 sks cement.  
Spot 10 sks cement on top of retainer.  
Ensure well is loaded with water and run CBL to determine cement behind pipe.  
Perforate at 2300? using 4 SPF, 90 deg phase for squeeze holes.

RCVD NOV 4 '13  
OIL CONS. DIV.  
DIST. 3

Forwarded plus from 2:50' - 2450'

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #224559 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 STEVE MASON on 10/31/2013 (145XM0411SE)</b>	
Name (Printed/Typed) JAMIE ELKINGTON	Title PETROLEUM ENGINEER
Signature (Electronic Submission)	Date 10/28/2013

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <u>STEPHEN MASON</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>10/31/2013</u>
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 <u>Rio Puerco</u>

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.

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

NMOC

Additional data for EC transaction #224559 that would not fit on the form

32. Additional remarks, continued

Squeeze perms using 25 sks of cement.

Perforate at 292? (50? below CSG shoe), using 4 SPF, 90 deg phase for squeeze holes.

MIRU cement provider. Open bradenhead valves. Establish injection down workstring and retainer and attempt to circulate up surface casing. Squeeze the surface casing shoes with 102 sks cement.

Sting out of retainer and fill 5-1/2" casing with 35 sks cement. Circulate BOP clean with water.

If unable to circulate, set a CMT retainer above the perforations and fill casing with cement to surface.

TOH and lay down workstring. ND BOP. Cut off wellhead, top fill with cement.

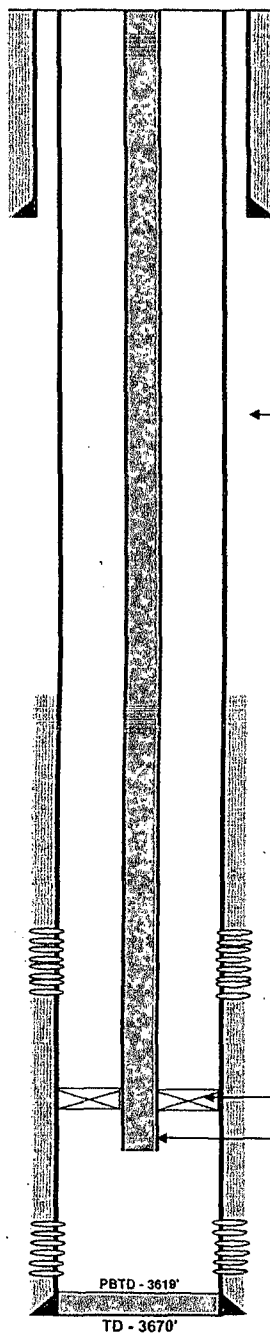
Weld on dry hole marker

Plg from 2395' - 2150' inside & outside the 5-1/2" casing

Plg from 800' - 780' inside & outside the 5-1/2" to cover the Macmillan top.



Jicarilla C-11  
Rio Arriba County, New Mexico  
Current Well Schematic as of 09-19-2006



API: 30-039-0806  
Logale: 27-T25N-R5W  
Field: \_\_\_\_\_  
KB \_\_\_\_\_  
KB Elev \_\_\_\_\_  
Gr Elev \_\_\_\_\_ 6666

Geologic Top:	
Pictured Cliffs	2723
Lewis	2758

Spud: 12/13/1956  
Complete 1/16/1957

Current Prod Fm: Pictured Cliffs  
Status: Prod

Surface Casing:  
Size: 10 3/4"  
Wt.: 32.75#, H-40  
Set @: 242'  
Sxe cmt: 200  
Circ: Y  
TOC: Surface  
Hole Size: 12.50

Production Casing:  
Size: 5 1/2"  
Wt.: 14#, J-55  
Set @: 3665'  
Sxe cmt: 400  
Circ: \_\_\_\_\_  
TOC: 2310'  
Hole Size: 7 7/8"

Tubing Details:  
Size: 2 3/8"  
Wt.: 4.7  
Set @: 3568'

Perforation details:  
Pictured Cliffs perfo 2723-2758', 140 holes, 4 JSPF  
30000 gal 40000#  
BDP 1500#, Max 1700#, Min 1650#, 59.2 BPM

Baker Packoff Model "D" set @ 3561'

2 3/8" Tbg set @ 3568'

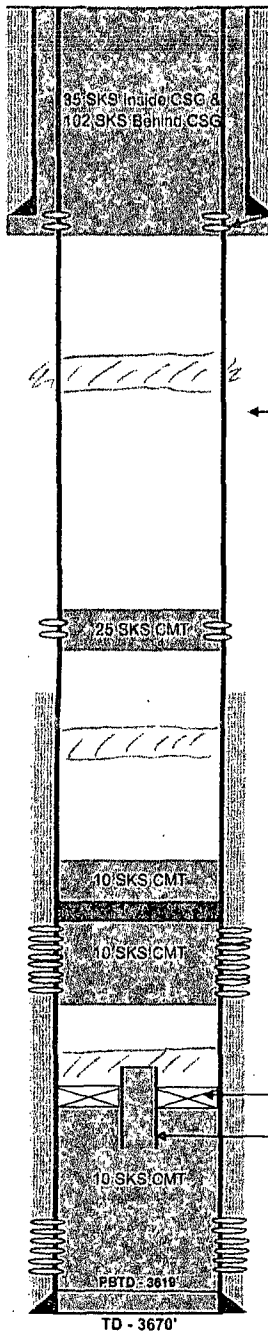
Chocoma perfo 3583-3682', 76 holes, 4 JSPF  
40000 gal, 40000#  
BDP 2400#, Max 2000#, Min 1800#, 64.5 BPM

Prepared by: Anne Djuando  
Date: 9/19/2006

Revised by: Valerie Ma  
Date: 6/16/2009



Jicarilla C-11  
Rio Arriba County, New Mexico  
Current Well Schematic as of 09-19-2006



API: 30-030-0808  
Legal: 27-T25N-R5W  
Field:

KB  
KB Elev  
Gr Elev 6668

Perforate 4 holes @ 292'  
Surface Casing:  
Size: 10 3/4"  
Wt.: 32.75#, H-40  
Set @: 242'  
Sxe cmt: 200  
Circ: Y  
TOC: Surface  
Hole Size: 12.50

Plg 880' - 780'  
Production Casing:  
Size: 5 1/2"  
Wt.: 14#, J-55  
Set @: 3665'  
Sxe cmt: 400  
Circ:  
TOC: 2310'  
Hole Size: 7 7/8"

Perforate 4 holes @ 2300'

Plg 2550' - 2450'  
CMT Retainer @ 2700'

Perforation details:  
Pictured Cliffs perfo 2723-2758', 140 holes, 4 JSPF  
30000 gal 40000#  
BDP 1500#, Max 1700#, Min 1650#, 59.2 BPM

Cap packer with at least 50' cement  
Baker Packer Model "D" set @ 3561'  
2 3/8" Tbg set @ 3568'

Chaco perfo 3563-3602', 76 holes, 4 JSPF  
40000 gal, 40000#  
BDP 2400#, Max 2000#, Min 1800#, 64.5 BPM

Geologic Tops:	
Pictured Cliffs	2723
Lewis	2758

Current Prod Fm: Pictured Cliffs  
Status: Prod

Spud: 12/13/1956  
Complete: 1/16/1957

$$292 / 7.299 (11\%) = 34.5 \text{ SKS}$$
$$50 / 5.7719 (11\%) = 7 \text{ SKS}$$
$$242 / 3.490 (11\%) = 82.561$$
$$132.5 \text{ SKS}$$

17 SKS inside  
29 SKS outside

Net 830'

OA 2208'

Kr 2345'

$$2395' - 2158' + 50 / 7.299 (11\%) = 33 \text{ SKS}$$
$$(2395' - 2158') 2 / 5.7719 (11\%) = 70.5 \text{ SKS}$$
$$103.5 \text{ SKS}$$

$$10 (7.299 / 11\%) = 86'$$

PC 2724'

Chaco 3564'

Prepared by: Jamie Elkington  
Date: 10/25/2013

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: 11 Jicarilla C

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.
3. The following modifications to your plugging program are to be made:
  - a) Place at least a 50' cement plug on top of the Chacra packer.
  - b) Place the Fruitland plug from 2550' – 2450'.
  - c) Place the Kirtland/Ojo Alamo plug from 2395' - 2158' inside and outside the 5 ½" casing.
  - d) Place the Nacimiento plug from 880' - 780' inside and outside the 5 ½" casing.

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.