

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: _____

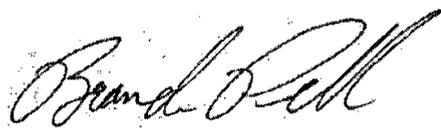
Well information:

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 MANAGEMENT

FORM 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 scrapper 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 rone 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 2350' - 2450'

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

**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 (14SXM0411SE)**

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 ****

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.

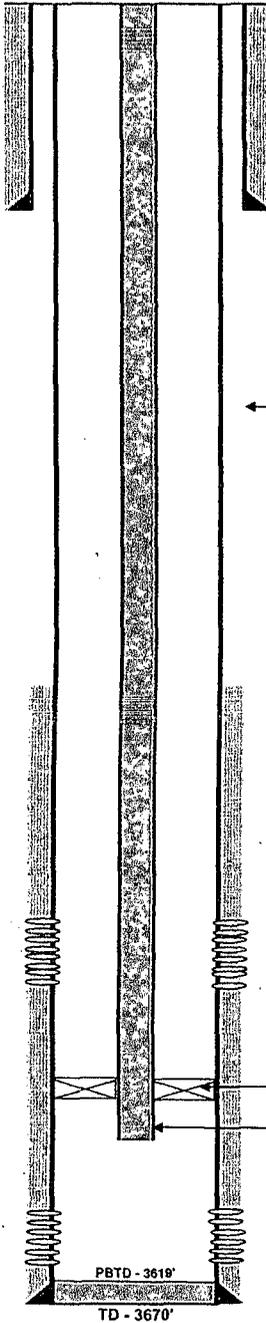
Weld on dry hole marker

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

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



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



API: 30-039-0806
 Logala: 27-T25N-R5W
 Field: _____
 KB _____
 KB Elev _____
 Gr Elev _____ 6666

Geologic Top:	
Pictured Cliffs	<u>2723</u>
Lewis	<u>2758</u>

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 perf 2723-2758', 140 holes, 4 JSPF
 30000 gal 40000#
 BDP 1500#, Max 1700#, Min 1650#, 59.2 BPM

Baker Packer Model "D" set @ 3561'
 2 3/8" Tbg set @ 3568'

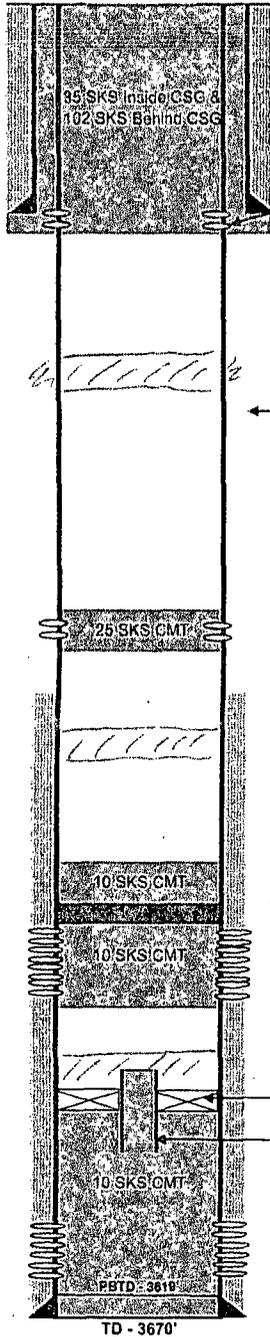
Chico perf 3583-3602', 76 holes, 4 JSPF
 40000 gal, 40000#
 BDP 2400#, Max 2000#, Min 1800#, 64.5 BPM

Prepared by: Anne Djuanda
 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
 Legale: 27-T25N-R5W
 Field: _____
 KB _____
 KB Elev _____
 Gr Elev _____ 6668

Geologic Tops:	
Pictured Cliffs	2723
Lewla	2758

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

Current Prod Fm: Pictured Cliffs
 Status: Prod

$292 / 7.299 (115) = 34 \text{ SKS}$
 $50 / 5.7719 (115) = 7 \text{ SKS}$
 $242 / 3.490 (115) = 82.561$
132 SKS

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

17 SKS inside
 29 SKS outside

Plug 880' - 750'

NC 830

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

OA 2205'

Perforate 4 holes @ 2300'

Kr 2345'

$2395' - 2158' + 50 / 7.299 (115) = 33 \text{ SKS}$
 $(2395' - 2158') 2 / 5.7719 (115) = 70 \text{ SKS}$
103 SKS

Fractured 2500' plug 2550' - 2450'

$10 (7.299) (115) = 86'$

CMT Retainer @ 2700'

PC 2724'

Perforation details:
 Pictured Cliffs perfs 2723-2758', 140 holes, 4 JSPP
 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'

Chacra 3564'

2 3/8" Tbg set @ 3568'

Chacra perfs 3563-3602', 76 holes, 4 JSPP
 40000 gal, 40000#
 BDP 2400#, Max 2000#, Min 1800#, 64.5 BPM

TD - 3670'

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.