

RECEIVED

Form 3160-5  
(March 2012)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JAN 17 2013

FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2014SUNDRY NOTICES AND REPORTS ON WELL  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**5. Lease Serial No.  
NMSF079602  
6. Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
Four Star Gas & Oil Company3a. Address  
ATTN: Regulatory Specialist  
332 Road 3100 Aztec New Mexico 874103b. Phone No. (include area code)  
505-333-19414. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1110 FSL 970 FEL P-29-25N-03W

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.  
LL McConnell #99. API Well No.  
30-039-0577510. Field and Pool or Exploratory Area  
Blanco PC South11. County or Parish, State  
Rio Arriba

## 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"/> 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 recomple 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.)

MIRU. Pressure test BOP.

Trip out of the hole with tubing.

PU bit and scraper and round trip to clean casing.

Trip in hole set cement retainer at 3225' 3600'

Squeeze Pictured Cliffs formation with 66 sks of cement.

Spot 18 sks of cement on top of retainer. (3600' - 3250') Perforated Cliffs / Fruitland / Kirtland / Ojo Alamo

Load hole with 2% KCL water. Perforate casing 4 spf at 1600' 2066' Plug 2066 - 1966' Mucronatus

Squeeze perfs with 18 sks of cement. Perforate casing at 275', 50' below the surface casing shoe.

Attempt to establish circulation. If unable to circulate, set a CIBP above perforation and fill casing with cement to surface. If circulation is established, set a cement retainer and squeeze cement to surface.

Spot cement on top of retainer filling casing to surface.

ND BOP, RDMO rig. Cut off wellhead. Top off casing strings, as needed with cement.

Cut off anchors and install P&amp;A marker.

See attached well bore diagrams.

RCVD JAN 24 '13  
OIL CONS. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

April E. Pohl

Title Regulatory Specialist

Signature

April E. Pohl

Date

January 16, 2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

JAN 22 2013

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

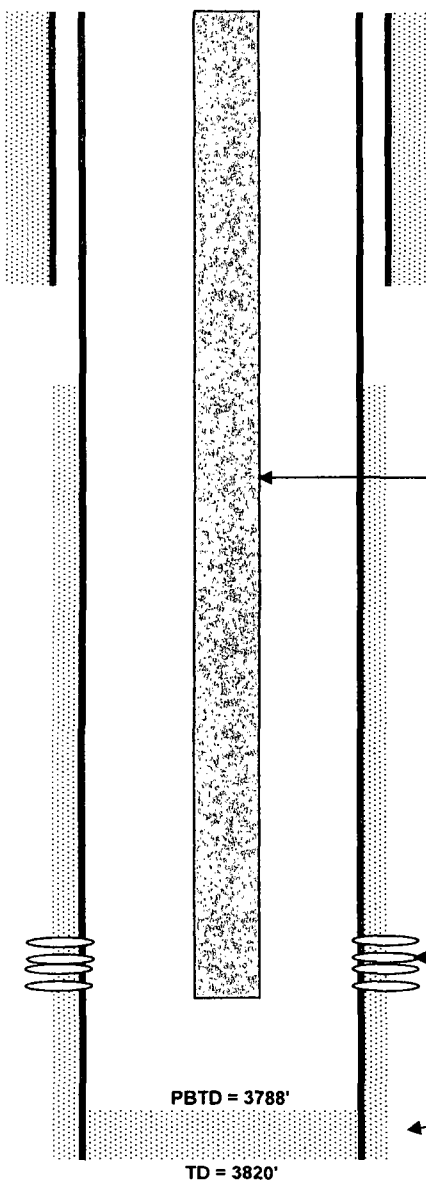
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

NMOCDA



LL McConnell #9  
Rio Arriba County, New Mexico  
Current Well Schematic



API: 30-039-05775  
Legals: Sec 29 - T 25N - R 3W  
Field: South Blanco (P.C)  
SPUD: 6/9/1958

KB:  
DF Elev: 7344'  
GR Elev:

Geologic Tops:  
Kirtland: 3465'  
Fruitland: 3555'  
Pictured Cliffs: 3690'  
Lewis: 3768'

Surface Casing:  
10-3/4", 32.75#, H-40 @ 228' in 12-1/4" Hole  
TOC = 0' w/ 200 sks (circulated)

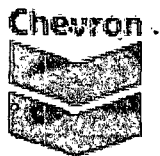
Tubing Details:  
2" EUE  
EOT = 3744'

Pictured Cliffs Perfs: 56' - 224 holes  
3690'-3728'  
3744'-3762'  
Sand/Water Frac'd w/ 40,000# 20/40 sd &  
40,000 gals water

Production Casing:  
5-1/2", 14#, J-55, @ 3820' in 7-7/8" Hole  
Cmnt w/ 50 sks reg. cmt & 50 cu.ft strate crete (did not circulate cmt)  
TOC = 3325 (from temp survey)

Prepared by: Jarrod Sparks  
Date: 4/12/2010

Revised by:  
Date:



LL McConnell #9  
Rio Arriba County, New Mexico  
Proposed Well Schematic

Geologic Tops:  
Kirtland: 3465'  
Fruitland: 3555'  
Pictured Cliffs: 3690'  
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API: 30-039-05775  
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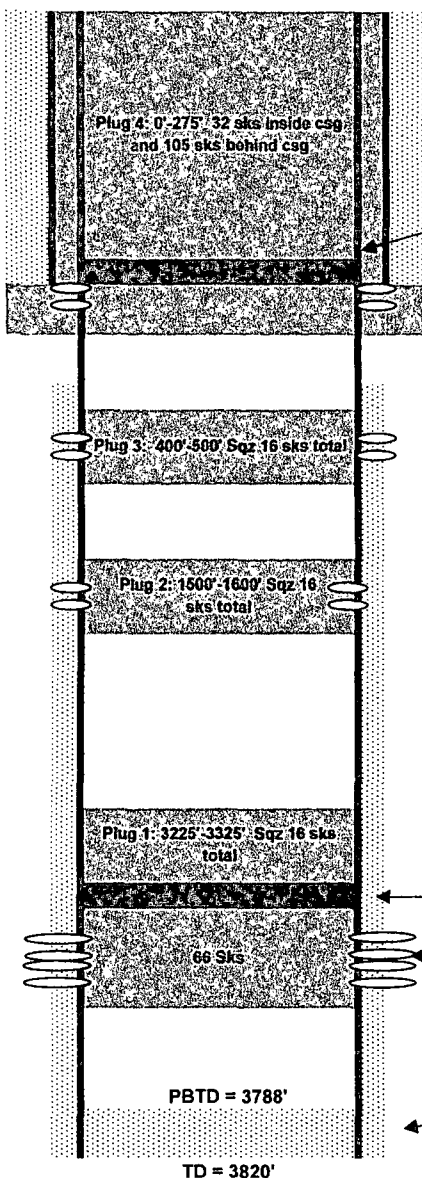
KB:  
DF Elev: 7344'  
GR Elev: Cement Retainer @ 200'

Surface Casing:  
10-3/4", 32.75#, H-40 @ 228' in 12-1/4" Hole  
TOC = 0' w/ 200 sks (circulated)

Perforate 4 holes @ 275'

Perforate 4 holes @ 500'

Perforate 4 holes @ 1600'



Cement Retainer @ 3325'

Pictured Cliffs Perfs: 56' - 224 holes  
3690'-3728'  
3744'-3762'  
Sand/Water Frac'd w/ 40,000# 20/40 sd &  
40,000 gals water

Production Casing:  
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TOC = 3325 (from temp survey)

Prepared by: Jarrod Sparks  
Date: 4/12/2010

Revised by: Jamie Elkington  
Date: 1/16/2013

**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: 9 L.L. McConnell

**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 the Cement Retainer @ 3600' (within a hundred feet above the top perf @ 3690'). Bring the top of the Pictured Cliffs/Fruitland/Kirtland/Ojo Alamo plug to 3250'.

b) Place the Nacimiento plug from 2066' – 1966' 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.