

OCD-HOBBS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
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.**

5. Lease Serial No.  
NM 0450847

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

RUBICON OIL AND GAS, LLC

3a. Address

508 W. Wall, Suite 500, Midland, TX 79701

3b. Phone No. (include area code)

432 684-6381/638-8475

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SECTION 13, T9S, R35E, 1985' FNL & 1975 FEL

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

8. Well Name and No.  
Federal A, Well #2

35633

9. API Well No.  
30 025 02654

10. Field and Pool or Exploratory Area  
BOUGH ABO

11. Country or Parish, State  
LEA COUNTY, NM

**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 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 recompleat 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.)

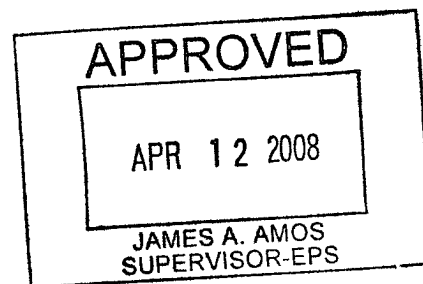
Please see attached P & A Procedure Proposal.

RECEIVED

APR 15 2008

HOBBS OCD

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL



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

Name (Printed/Typed)

Ann E. Ritchie

Title Regulatory Agent

Signature

Date 02/12/2008

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

Approved by

OCD DISTRICT SUPERVISOR/GENERAL MANAGER

Title

Date

NOV 03 2008

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)

**Rubicon Oil & Gas, LLC  
Federal A No. 2  
Bough Oil Field  
Lea County, New Mexico  
P&A Procedure**

**GENERAL INFORMATION**

Location: 1985' FNL & 1975' FEL, S13, T9S, R35E, Unit G

API No.: 35-025-02654

Directions to well: From Crossroads, NM; go North on Hwy 206 for 2 miles to Bond Road, turn right 1.3 miles East, turn right or South for 5/10 mile, turn left or East 2/10 mile to location.

Special Considerations: Versado has buried pipelines running across the old location within ~15' of the wellhead. Lines will be marked and temporarily fenced to insure that no equipment is placed over lines.

**WELL INFORMATION**

<u>String OD</u>	<u>Weight &amp; Grade</u>	<u>Depth</u>	<u>ID</u>	<u>Drift</u>	<u>Burst</u>	<u>TOC</u>
10-3/4"	40# H-40	0' - 440'	12.715	12.559	1730	surface
7-5/8"	24#/26.4# J55	0' - 4267'	6.969"	6.750"	2750	35'
5-1/2"	17# K-55	4155'-9570'	4.892"	4.767"	5320	~4155'

Original TD: 9613', Attempted re-entry May 2006. Drilled out plugs in 7-5/8" casing and found 5-1/2" stub at 4155'. Dressed stub and proceeded with work, tested stub and 7-5/8" to 500 psi and held good. Squeezed San Andres Perfs 4758-4820', drilled out existing CIBP @ 4904', found bad casing in 5-1/2" 6846' to 6876', giving up red shale. Cleaned out to 7832' but junk prevented getting any deeper. Hole was sticky from 7000' to 7832'.

Wellhead: 7-5/8" SOW X 11" 3k flange, 11" 3k X 7-1/16" 3k tubing spool w/ B-1 bonnet.

Checklist prior to MI pulling unit :

- Insure pipeline marked
- Set mat to rig-up on

**WELLBORE PREP PROCEDURE**

1. MIRU PU & NU 7-16" 3M manual double BOP. MIUL 7900' 2-7/8" N80 6.50 rental tubing. Set open top steel open top flowback pit
2. PU 2-7/8" notched collar and RIH w/ rental tubing to top of fish @ 7832'.

## Rubicon Oil & Gas, LLC

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3. RU Cement company, circ hole w/ 286 bbls cutbrine w/ salt gel added. Transport recovered fluid to disposal and place 75 bbls of cut brine w/ salt gel in tank for cement company to spot plugs with.

4. P&A spotting the following plugs per BLM requirements of 25 sk minimum per plug or as specified: **203 sks cement required** + load of FW

- |   |        |   |
|---|--------|---|
| • Plug #1 7832'-7604' junk)                         | 25 sks | 228' Class H, 1.19 ft3/sk (tag +50' above |
| • Plug #2 6930'-6689' minimum)                      | 25 sks | 241' Class C, 1.26 ft3/sk (tag 6790'      |
| • Plug #3 4870'-4629' minimum)                      | 25 sks | 241' Class C, 1.26 ft3/sk (tag 4700'      |
| • Plug #4 4320'-4050' 4100' minimum)                | 37 sks | 270' Class C, 1.26 ft3 sk (stub plug, tag |
| • Plug #5 2660'-2543' 2610')                        | 25 sks | 117' Class C, 1.26 ft3/sk ( base of salt  |
| • Plug #6 2300'-2200' 2250')                        | 25 sks | 117' Class C, 1.26 ft3/sk ( Top of salt   |
| • Plug #7 490'-373' surface csg – tag 390' minimum) | 25 sks | 117' Class C, 1.26 ft3/sk ( base of       |
| • Surface plug ~60'                                 | 16 sks | 60' Class C, 1.26 ft3/sk                  |

5. Dig out and cutoff wellhead 4' below ground level, send wellhead to Cameron in Hobbs. Weld on plate on 7-5/8" casing stub and install dryhole marker out of 3" pipe with Operator Name, Legals, API #. Rip location per BLM orders and reseed. Most of the material has been picked up on this location.

**BUREAU OF LAND MANAGEMENT  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972**

**Permanent Abandonment of Federal Wells  
Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

**If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.**

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. **Dry Hole Marker:** All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. **Subsequent Plugging Reporting:** Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.