

UNITED STATES **OCD-ARTESIA**
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

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
☐ Oil Well ☐ ☒ Gas Well ☐ Other

2. Name of Operator
Rubicon Oil & Gas LLC

3a. Address
508 W. Wall St Ste 500 Midland TX 79701

3b. Phone No. (include area code)
432-687-5700

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FNL & 1300' FWL, Sec 30, T20S, R25E

5. Lease Serial No.
NM117545

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Stone 30 Federal No. 1

9. API Well No.
30-015-35940

10. Field and Pool, or Exploratory Area
Cementary; Morrow (Gas) 74640

11. County or Parish, State
Eddy County, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input 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.)

Well currently shut in with packer and tubing in hole (8294") and Strawn perforations 8389-8402' open.

Planned operation to return well to commercial producer.

**Drill out 35' cement and CIBP @ 9330' separating the Strawn and Morrow (9396-9405') zones. Run packer and tubing to 8300'. Test well for commercial quantities of gas. Build facility, secure gas sales and place well on production. **

Attached: Wellbore diagram and Procedure

*Returned - need designation of agent documents.
Needs printed name. Called 11/2/2010
no response.*

MMA Depman 11/23/10

14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed)	Title AGENT / OPS MGR
Signature <i>[Signature]</i>	Date 10/26/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____	Title _____	Date _____
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)

[Signature]

[Signature]

Rubicon Oil & Gas, LLC

Stone 30 Fed 1 Cemetary Morrow Field Eddy County, New Mexico Recompletion Procedure

GENERAL INFORMATION

Location : 660' FNL & 1300' FWL, Sec 30, T20S, R25E, UL D

API No.: 30-015-35940

Directions to well: From Carlsbad NM go north on US 62 to CR 28/White Pine RD. Turn left or West on CR 28 & go 3.9 miles to CR 27/Pickett Rd, Turn right or Northwest on CR27 & go 2.9 miles, turn left or southwest 9/10 mile to location.

WELL INFORMATION

<u>String OD</u>	<u>Weight & Grade</u>	<u>Depth</u>	<u>ID</u>	<u>Drift</u>	<u>Burst</u>	<u>TOC</u>
13-3/8"	54.5# J55	0' - 416'	12.615	12.459	2730	surface
9-5/8"	36# J55	0' - 2248'	8.921"	8.765"	3520	surface
4-1/2"	11.6# L80 LTC	0'-9,600'	4.00"	3.875"	7780	~1510'
2-3/8"	4.70# L80 EUE					

Wellhead: Cameron 7-1/16" 5k

Original TD: 9,800', Set casing @ 9,600' PBTD ~9,511', DV Tool ~6,006', Did not circ any cement off to surface on first stage, TOC 2nd stage ~ 1510' by temp survey ran 1/13/2009.

History: 2/2009 Perforated Cemetary Morrow 9396-9405' 27 holes and treated w/ 500 gal 10% MCA, tested for 24 hrs on 48/64 choke, 450 FTP, 400 MCFPD + 288 BW. 24 hr SITP 1450 psi. Due to zone being wet from possible SWD operations to NorthWest abandon zone w/ CIBP 9330 capped w/ 35' cement. 3/2009 Perforated Strawn 8389-8402 26 holes and treated w/ 500 gal 15% NeFeHCL breakdown followed w/ 3200 gal 20% NeFe HCL + ball sealers. Strawn tested tight w/ load recovered and gas volumes too small to measure. Suspended operations due to limited uphole opportunity. 9/2010 BLM notified Rubicon to put well into production or plug and abandon. This procedure facilitates drilling out CIBP and testing Morrow for an extended time to determine deliverability.

Procedure

1. MIRU pulling unit and reverse unit. NU 7-1/16" 5M hydraulic double BOP dressed blinds X 2-3/8" rams.
2. Release 4 1/2" X 2 3/8" AS1 PKR set @ ~8,294'. TOH & send PKR in for redress.

Rubicon Oil & Gas, LLC

3. PU & RIH w/3 3/4" mill, 6 – 3" DC & 2 3/8" TBG to CIBP @ 9,330'. Drill out CMT & CIBP. TIH & clean out to PBTD @ 9,511'. TOH & LD BHA.
4. TIH w/ 4-1/2" AS1-10k pkr, sn, and 2-3/8" L80 tubing to ~8,294'. Set PKR w/12 compression. Load backside & test to 1,000 PSI. ND BOP & NU WH.
5. Swab back water and monitor inflow and gas production. RU testers and test gas and water volumes as necessary.
6. At end of testing we will determine if additional stimulation is needed. If so, RU slick line and set BHP bomb in profile at packer and leave shut in for 3 to 7 days.
7. Build facilities and hook up to gas sales. Lay poly line to SWD source. Place well on production.

Rubicon Oil & Gas, LLC Stone Orchard Prospect

KB:3,578'
GL:3,561'

660' FNL & 1300' FWL
Sec. 30, T20S, R25E, UL D
Eddy County, NM

Stone 30 Federal #1
Eddy County, New Mexico
Current Wellbore
API# 30-015-35940

TD'd: 1/14/09
Spud: 12/13/2008

Bit Size: 17-1/2"
Gel/Lime "spud mud" 8.4-9.4 PPG
Lost full returns @ 180', dry drill to TD

13-3/8" 54.5# J55 STC @ 416' w/ 100 sks Halcem w/ 10% CalSeal (1.35 yld/14.2ppg) + 450 Halcem 1/8# polyflake, 2%CaCl (1.32 yld/14.8 ppg), No returns, TOC ~200', Top out via 1" in 7 stages pumping 500 sks Halcem w/ 2% CaCl, yld ~ 1.35 cu ft/sk

Bit Size: 12-1/4"
Fresh Water 8.4 – 8.6 PPG.
San Andres ~650'
Glorietta ~2,300'

9-5/8" 36# K55 STC @ 2250' Lead Slurry: 680 sks Class C 50/50 Poz w/ additives, yld ~ 2.45 cu ft/sk Tail Slurry: 200 sks Class C w/ 2% CaCl, yld ~ 1.34 cu ft/sk, CIRC 300 sk to pit.

Bone Springs ~3,700'

Bit Size: 8-3/4"
3000'-8700': Fresh Water / Cut brine 8.4 – 9.4
8700-9,800': Polymer/Brine 10.0 – 10.1 PPG

3rd Bone Springs ~ 6,000'
Cisco ~6,600'

DV Tool @ ~6000' →

4 1/2" X 2 3/8" AS1 PKR @ 8,294' →

256 JTS 2 3/8" TBG →

Strawn ~ 8,400'
Morrow ~9,200'
Morrow Clastics ~9,400'

CIBP @ 9,330' →

4-1/2" 11.6# HCP-110 LTC @ 9,800' w/ 1120 sks Class C Poz with additives, yld ~ 1.57 cu ft/sk. 2nd stage – 875 sks Class C 50/50 Poz w/additives, yld ~ 1.97 cu ft/sk, Tail Slurry: 150 sks Halcem w/yld ~ 1.32 cu ft/sk

TOC ~1750' by CBL

Wolfcamp Perfs: proposed
6694-6700', 6555-6568'
Lime/acid jobs/wet @ 6580'

Strawn Perfs 8,389' – 8,402',
2 JSPF, 26 holes, Acidize
w/3200 GAL 20% NeFe, FFR –
Gas – TSTM, 48/64", 40
BWPD, 10 PSI FTP

Morrow Perfs 9,396' – 9,405',
3 JSPF, 27 Holes, Acidize
w/500 GAL 10% MSA, FFR –
424 MCF, 24/64", 129 BWPD
@410 FTP

DWW 9/18/2007
Updated JMC 4/29/09