

**NMOCD  
Artesia**

Form 3160-5  
(June 2015)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: January 31, 2018

**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 036718**

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 & GAS, LLC (194266)**

3a. Address **508 W. WALL ST., STE. 500, MIDLAND, TX 79701**

3b. Phone No. (include area code) **432-684-6881**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1200' FSL, 1200' FWL, SEC. 29, T15S, R28E**

7. If Unit of CA/Agreement, Name and/or No.  
**NMOM-119229**

8. Well Name and No. **RHINESTONE 29 FED COM #1**

9. API Well No. **30-005-63936**

10. Field and Pool or Exploratory Area  
**DIAMOND MOUND; MORROW 76079**

11. Country or Parish, State  
**CHAVES 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"/> Hydraulic Fracturing	<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 recomplete 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 P&A unit. POOH w/2 3/8 production tubing @ 8977'.
- Set CIBP @ ±9030' over Morrow perfs (9080-9090'). TIH w/2 3/8" tubing and TAG CIBP. Circulate 10# salt gel mud to 6500'.
- Spot 25 sx (300') class H @ 9030' - 8700'.
- POOH w/2 3/8" tubing. Cut off 4 1/2" 11.6# P-110 casing at 6550' an POOH w/casing. TIH w/ 2 3/8" tubing.
- Spot 45 sx (178') class H @ 6500' - 6322'. Tag. Circulate 10# salt gel mud to surface.
- Spot 40 sx (156') class C @ 5330' - 5174'.
- Spot 35 sx (137') class C @ 2780' - 2643'.
- Spot 35 sx (136') class C @ 2075' - 1939'. Tag.
- Spot 50 sx (193') class C @ 470 - ~~277~~ <sup>250</sup> Tag.
- Spot 30 sx (110') class C @ ~~18~~ <sup>150</sup> - surface.
- Cut off wellhead. Set dry hole marker.

RECEIVED

NOV 07 2019

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL DISTRICT/ARTESIA O.C.D.

GC 11/7/19  
Accepted for record - NMOCD

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
**LONDON GOODGION** Title **AUTHORIZED AGENT, ADVENTURE ENERGY SERVICES**

Signature *[Signature]* Date **APPROVED**

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

Approved by *[Signature]* Title **BUREAU OF LAND MANAGEMENT**  
 Date **NOV 01 2019**

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 **ROSWELL FIELD 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)

*[Handwritten mark]*

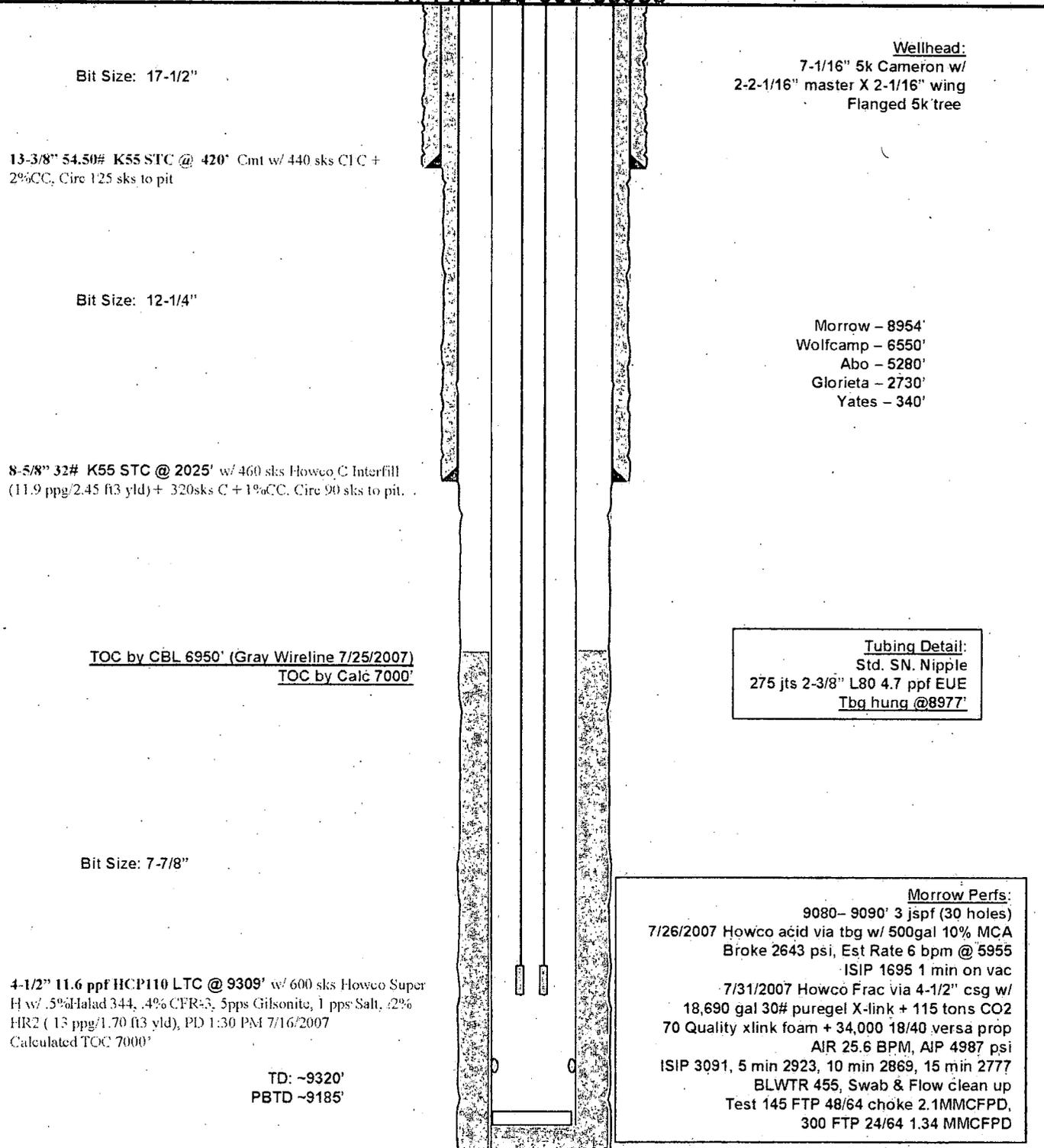
Rubicon Oil & Gas, LLC  
 Rhinestone Federal 29 Com. 1  
 Diamond Mound Morrow  
 Chaves County, New Mexico

KB: 3608'  
 GL: 3591'

1200' FSL  
 1200' FWL  
 Section 29 Unit M  
 Township 15S  
 Range 28E

Spud: 6/23/2007  
 Rig Release: 7/16/2007  
 Frac'd: 7/31/2007

Existing Wellbore  
 API No. 30-005-63936



Bit Size: 17-1/2"

Wellhead:  
 7-1/16" 5k Cameron w/  
 2-2-1/16" master X 2-1/16" wing  
 Flanged 5k tree

13-3/8" 54.50# K55 STC @ 420' Cmt w/ 440 sks CIC +  
 2%CC, Circ 125 sks to pit

Bit Size: 12-1/4"

Morrow - 8954'  
 Wolfcamp - 6550'  
 Abo - 5280'  
 Glorieta - 2730'  
 Yates - 340'

8-5/8" 32# K55 STC @ 2025' w/ 460 sks Howco C Interfill  
 (11.9 ppg/2.45 ft3 yld) + 320sks C + 1%CC, Circ 90 sks to pit.

TOC by CBL 6950' (Gray Wireline 7/25/2007)  
TOC by Calc 7000'

Tubing Detail:  
 Std. SN, Nipple  
 275 jts 2-3/8" L80 4.7 ppf EUE  
 Tbg hung @8977'

Bit Size: 7-7/8"

4-1/2" 11.6 ppf HCP110 LTC @ 9309' w/ 600 sks Howco Super  
 H w/ .5% Halad 344, .4% CFR-3, 5pps Gilsonite, 1 pps Salt, .2%  
 HR2 (13 ppg/1.70 ft3 yld), PD 1:30 PM 7/16/2007  
 Calculated TOC 7000'

TD: ~9320'  
 PBDT ~9185'

Morrow Perfs:  
 9080- 9090' 3 jspf (30 holes)  
 7/26/2007 Howco acid via tbg w/ 500gal 10% MCA  
 Broke 2643 psi, Est Rate 6 bpm @ 5955  
 ISIP 1695 1 min on vac  
 7/31/2007 Howco Frac via 4-1/2" csg w/  
 18,690 gal 30# puregel X-link + 115 tons CO2  
 70 Quality xlink foam + 34,000 18/40 versa prop  
 AIR 25.6 BPM, AIP 4987 psi  
 ISIP 3091, 5 min 2923, 10 min 2869, 15 min 2777  
 BLWTR 455, Swab & Flow clean up  
 Test 145 FTP 48/64 choke 2.1MMCFPD,  
 300 FTP 24/64 1.34 MMCFPD

**Rubicon Oil & Gas, LLC  
Rhinstone Federal 29 Com. 1  
Diamond Mound Morrow  
Chaves County, New Mexico**

**KB: 3608'  
GL: 3591'**

**1200' FSL  
1200' FWL  
Section 29 Unit M  
Township 15S  
Range 28E**

**Proposed P&A Wellbore  
API No. 30-005-63936**

**Spud: 6/23/2007  
Rig Release: 7/16/2007  
Frac'd: 7/31/2007**

**Wellhead:**

7-1/16" 5k Cameron w/  
2-2-1/16" master X 2-1/16" wing  
Flanged 5k tree

Bit Size: 17-1/2"

13-3/8" 54.50# K55 STC @ 420' Cnt w/ 440 sks C/C +  
2%CC, Circ 125 sks to pit

Bit Size: 12-1/4"

8-5/8" 32# K55 STC @ 2025' w/ 460 sks Howco C Interfill  
(11.9 ppg/2.45 ft3 yld) + 320sks C + 1%CC. Circ 90 sks to pit.

Morrow - 8954'  
Wolfcamp - 6550'  
Abo - 5280'  
Glorieta - 2730'  
Yates - 340'

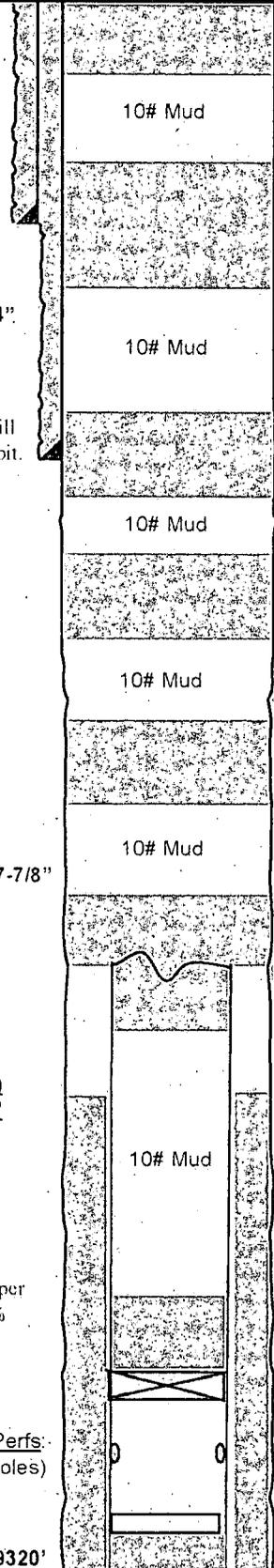
Bit Size: 7-7/8"

TOC by CBL 6950' (Gray Wireline 7/25/2007)  
TOC by Calc 7000'

4-1/2" 11.6 ppg HCP110 LTC @ 9309' w/ 600 sks Howco Super  
H w/ .5%Halad 344, .4% CFR-3, 5pps Gilsonite, 1 pps Salt, .2%  
HR2 ( 13 ppg/1.70 ft3 yld), PD 1:30 PM 7/16/2007  
Calculated TOC 7000'

Morrow Perfs:  
9080- 9090' 3 jsfp (30 holes)

TD: ~9320'  
PBTD ~9185'



Proposed:  
Spot 30 sx (115') class C 115'-surface

Proposed:  
Spot 50 sx (193') class C 470-277' - Tag  
13 3/8" shoe @ 420'. Yates @ 340'

Proposed:  
Spot 35 sx (136') class C 2075-1939' - Tag  
8 5/8" shoe @ 2025'

Proposed:  
Spot 35 sx (137') class C 2780-2643'  
Glorieta @ 2730'

Proposed:  
Spot 40 sx (156') class C 5330-5174'  
Abo @ 5280'

Proposed:  
Cut off 4 1/2" casing @ 6550'  
Spot 45 sx (178') class H 6500-6322' - Tag  
Wolfcamp @ 6550', casing stub @ 6500'

Proposed:  
Spot 25 sx (300') class H 9030-8700'  
CIBP @ 9030' - Tag

Rhinestone 29 Fed Com 1  
30-005-63936  
Rubicon Oil & Gas  
November 1, 2019  
Conditions of Approval

1. Operator shall place CIBP at 9,030' (50'-100' above top most perf) and place 25 sx of Class H cement on top as proposed. WOC and TAG.

Note: If operator not does successfully pull the 4-1/2" casing out of hole from 6550' to surface the following plugs will all be perf and squeeze plugs with WOC and TAG.

2. Operator shall place a balanced Class C cement plug from 6,500'-6,322' as proposed to seal the Wolfcamp Formation.
3. Operator shall place a balanced Class C cement plug from 5,330'-5,174' as proposed to seal the Abo Formation.
4. Operator shall place a balanced Class C cement plug from 2,780'-2,643' as proposed to seal the Glorieta Formation.
5. Operator shall place a balanced Class C cement plug from 2,075'-1,939' as proposed to seal the 8-5/8" shoe. WOC and TAG.
6. Operator shall place a balanced Class C cement plug from 470'-250' as proposed to seal the 13-3/8" shoe, Yates Formation, and bottom of the Salt. WOC and TAG.
7. Operator shall place a balanced Class C cement plug from 150'-surface as proposed to seal the top of Salt.
8. See Attached for general plugging stipulations.

JAM 110119

**BUREAU OF LAND MANAGEMENT**  
**Roswell Field Office**  
**2909 West Second Street**  
**Roswell, New Mexico 88201**  
**(575) 627-0272**

**Permanent Abandonment of Production Zone 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 this approval.

**If you are unable to plug back 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 back. Failure to do so will result in enforcement action.**

2. **Notification: Contact the BLM Roswell Field Office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, during office hours or after office hours call (575) 627-0205. Engineer on call during office hours phone (575) 627-0237 or phone (after hours) call (575) 626-5871.**

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. 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 **brine** 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. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), 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. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth.**

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. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back 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 work was completed.**

7. 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.