

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD
Hobbs

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM83197
2. Name of Operator RIDGEWAY ARIZONA OIL CORP		6. If Indian, Allottee or Tribe Name
3a. Address 777 NORTH ELDRIDGE PARKWAY, SUITE 150 HOUSTON, TX 77079		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 832-485-8522		8. Well Name and No. FARRELL FEDERAL 15
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 28 T7S R33E NWNE 660FNL 1980FEL		9. API Well No. 30-041-10433
		10. Field and Pool or Exploratory Area CHAVEROO-SAN ANDRES
		11. County or Parish, State ROOSEVELT 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)
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Aba
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal

INT TO PA **pm**
P&A NR
P&A R

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.

Ridgeway Arizona Oil Corp (Ridgeway) requests approval to plug and abandon the Farrell Federal #15 according to the attached proposed plugging procedure and well bore diagram.

Ridgeway or BCM & Associates will contact the BLM 24 hours prior to the beginning of the plugging procedures. We expect to begin plugging the Farrell Federal wells within the next week.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

salt plug added / plugs altered

14. I hereby certify that the foregoing is true and correct. Electronic Submission #395336 verified by the BLM Well Information System For RIDGEWAY ARIZONA OIL CORP, sent to the Roswell Committed to AFMSS for processing by JENNIFER SANCHEZ on 11/21/2017 ()	
Name (Printed/Typed) LAURI M STANFIELD	Title OFFICE MANAGER
Signature (Electronic Submission)	Date 11/16/2017
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By	Title
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	

APPROVED
BUREAU OF LAND MANAGEMENT
CARLSBAD 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)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

FOR RECORD ONLY
MW/BCD 11/27/2017



Ridgeway

Arizona Oil Corporation

Plugging Procedure
Farrell Federal #15
API - 30-041-10433
Sec. 28, T7S, R33E, UL-B
660' FNL 1980' FEL

1. Prepare location and test anchors
2. MIRU plugging rig
3. Notify OCD/BLM 24 hours prior to commencement of P&A procedures
4. NDWH/NU BOP
5. RIH w/ 4 1/2" CIBP on 2 3/8" workstring @ 4168' (+/-) *4163' (50' below top most perf)*
 - a. Spot 35' of cement on CIBP
 - b. WOC - bump plug @ 4133' (+/-)
6. Load well with a minimum of 9 lb. mud and conduct MIT to 500 psi., test for leak off
 - a. Bleed pressure off after MIT
7. MIRU WL and RIH w/ perf gun to 2533'
 - a. Perforate @ 2 JSPF
 - b. POOH w/WL
 - c. RDWL
8. TIH w/WS - Squeeze 125' cement @ 2533' to 2408' (+/-) *2200' (to seal top of the Yates)*
 - a. Wait on cement
 - b. Tag plug @ 2408' or above
9. MIRU WL and RIH w/perf gun to 539' ** salt plug added see COAs*
 - a. Perforate @ 2 JSPF
 - b. POOH w/WL
 - c. RDWL
10. TIH w/WS - Squeeze 100' cement @ 489' to 389' *384' (50' below + 50' above shoe)*
 - a. 8 5/8" casing shoe @ 414'
 - b. Wait on cement
 - c. Tag plug @ 389' or above
11. MIRU WL and RIH w/perf gun to 60'
 - a. Perforate @ 2 JSPF
 - b. POOH w/WL
 - c. RDWL
12. TIH w/WS - Circulate cement plug from 60' to surface
 - a. Wait on cement
 - b. Cut off well head 4' below ground level
13. RDMO plugging rig
 - a. Install P&A marker
 - b. Cut off dead men
 - c. Remediate location

200 N. Loraine, STE 1440
Midland, TX 79701

Tel: 432-687-0303
Fax: 432-687-0321

Co. Rep	0
Well Name	Farrell Federal Well No. 15
Field	Chaveroo San Andres
County	Roosevelt
State	NM
Date	
Date Comp	
KB	4414 RDB

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	8 5/8"	J-55	24#	414'	250	Surface
Inter Csg						
Prod Csg	4 1/2"	J-55	9.5#	4452'	800	
Liner O.D.						

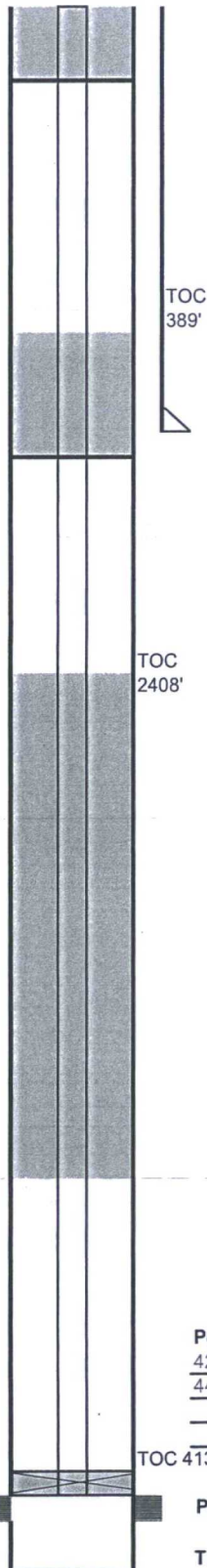
Perf @ 60'
Sqz. To
Surface

8 5/8" to 414'

perf @ 489'
Sqz. 100' Cmt.

perf @ 22533'
sqz. 125' cmt.

35' cmt. Plug
CIBP 4168'



Lease	Farrell Federal	Well #	15	Field	Chaveroo San Andres
Well Test Data	BOPD	BWPD		MCF	
Unit Name & Size					
Perforations	4213-4387				
TBG Data	Pump Size				
Strokes Per. Min.		Stroke Length		Seat Nipple	
Tension		Rods String	Taper 1	Taper 2	
TAC		Rod Grade	Taper 3	Taper 4	
Predictive Load	Actual Load				

LIST DATES, REASON FOR FAILURES & MEASURES TAKEN TO PREVENT SAID FAILURES & NON FAILURE PULLS.

LIST ANY RECOMMENDATIONS TO PREVENT FUTURE FAILURES OR ANY COMMENTS ON WELL CONDITIONS THAT WILL CONTRIBUTE TO FAILURES.

Perforations

4213-14, 24-25, 28-29, 37-41, 44-46, 48-49, 51-55, 58-59, 67-69, 83-84, 95-97; 4337-39, 44-45, 58-60, 61-63, 72-73, 76-78, 85-87 @ 1 shot/interval - 18 holes

PBTD @ 4428'

ETD @ 4385'

TD @ 4452'

**Farrell Federal 15
30-041-10433
Ridgeway Arizona Oil Corp
November 21, 2017
Conditions of Approval**

- 1. Operator shall place CIBP at 4,163' (50'-100' above top most perf) and place 35' of Class C cement on top as proposed. WOC and TAG.**
- 2. Operator shall perf and squeeze at 2,533'. Operator shall place a balanced Class C cement plug from 2,533'-2,200' to seal the top of the Yates formation. WOC and TAG.**
- 3. Operator shall place a Class C cement plug from 1,900'-1,700' to seal the salt.**
- 4. Operator shall perf and squeeze at 489' as proposed tagging plug at 364' to seal the surface shoe. WOC and TAG.**
- 5. Operator shall shall perf and squeeze at 60' brining cement to surface.**
- 6. See Attached for general plugging stipulations.**

JAM 112117

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

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 90th day provide the BLM Roswell Field Office (RFO), prior to the 90th day, with the reason for not meeting the deadline and a date when the BLM Roswell Field Office can expect the well to be plugged. Failure to do so will result in enforcement action. Unless the well has been properly plugged, the rig shall not be removed from over the hole without prior approval.**

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) 627-0275 or phone (after hours) call (575) 626-5749.

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 9090 feet; a 3M system for a well not deeper than 13636 feet; and a 5M system for a well not deeper than 22727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at a 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 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 cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 50 feet 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 class "C" for up to 7500 feet of depth, mixed at 14.8 lbs./gal with 6.3 gallons of fresh water per sack or class "H" for deeper than 7500 feet plugs, mixed at 16.4 lbs./gal with 4.3 gallons of fresh water per sack.

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 the ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the 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 the BLM Roswell Field Office. 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.**

Following the submittal and approval of the Subsequent Report of Abandonment, a Notice of Intent for Final Abandonment with the proposed surface restoration procedure must be submitted for approval.