Form 316(45) 10885 OCT (August 2007) wew Mexico Oil Conservation Division, District 1 1625 N. French Drivemb No. 1004-0137 **PERARTMENT OF THE INTERIOR** NM 83240) Expires: July 31, 2010 BUREAU OF LAND MANAGEMENT Lease Serial No. NMNM042253 SUNDRY NOTICES AND REPORTS ON WELLS 6 If Indian, Allottee or Tribe Name Do not uselthis form for proposals to drill or to re-enter an abandbned well. Use Form 3160-3 (APD) for such proposals. 7. If Unit of CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE - Other instructions on page 2. 1. Type of Well 8. Well Name and No Oil Well Gas Well Other Milford Federal 22 # 2. Name of Operator Ridgeway Arizona Oll Corporation 3a. Address 3b Phone No (include area code) 10. Field and Pool or Exploratory Area 200 N. Loraine, STE 1440 Midland, TX 79701 Chaveroo-San Andres 432-687-0303 Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. Country or Parish, State Roosevelt Co. NM Sec 22, T - 07S, R - 35E, NMP 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Acıdıze Deepen Production (Start/Resume) Water Shut-Off ✓ Notice of Intent Well Integrity Alter Casing Fracture Treat Reclamation New Construction Casing Repair Recomplete Subsequent Report ✓ Plug and Abandon __ Change Plans Temporarily Abandon Plug Back Water Disposal Final Abandonment Notice Convert to Injection 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. requests approval to plug and abandon this well according to the attached proposed procedure and wellbore diagram. Ridgeway will contact BLM 24 hours prior to the beginning of plugging operations. APPROVED FOR 3 MONTH PERIOD AUG 1 4 2012 ENDING 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Jana True Title Mgr - Prorations/Regulatory Date 02/29/2012 Signature

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

S DAVID R GLASS

Conditions of approval, if any, are attached Approval of this notice does not warrant or certify that the applicant holds legal or equitable tritle to those rights in the subject lease which would entitle the applicant to conduct appraisance.

Date 02/29/2012

PETROLEUM ENGINEER Date MAY 14 2012

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 fraudulen statement or agency of the United States any false, fictitious or fraudulen statement or agency of the United States any false, fictitious or fraudulen statement or agency of the United States any false, fictitious or fraudulen statement or agency of the United States any false, fictitious or fraudulen statement or agency of the United States any false, fictitious or fraudulen statement or agency of the United States any false, fictitious or fraudulen statement or agency of the United States any false, fictitious or fraudulen statement or agency of the United States any false, fictitious or fraudulen statement or agency of the United States any false, fictitious or fraudulen statement or agency of the United States any false, ficting the statement of the United States and false, ficting the statement of the United States and false, ficting the statement of the United States and false, ficting the statement of the United States and false, ficting the statement of the United States and false, ficting the United States and false, ficting the United States and false, ficting the United States and false and false

St. Johns Helium/CO2 Project

Plugging Procedure Milford 22 Federal #2 API-No. 30-041-10609

- Prepare location and test anchors
- 2. MIRU plugging rig
- Notify OCD/BLM 24 hours prior to commencement of P & A procedure.
- NDWH/NU BOP 4.
- RiH w-4 ½ CIBP on 2 3/8 WS @ 4050' (+/-) within 100' of top perf 4139'
 - a. Spot 35' of cement on CIBP
 - b. WOC bump plug @ 4015' (+/-)
- Load well with a minimum of 9 lb. mud and conduct MIT to 500 psi., test for leak off.
 - Bleed pressure off after MIT.
- MIRU WL and RIH w/perf gun to 3065'
 - perforate @ 2 JSPF a.
 - b. POOH w/WL
 - RDWL
- TIH w/WS Squeeze 40 SX cement plug @ 3065' to 2965' (+/-)
 - a. Wait on cement
 - b. Tag plug @ 2965' or above.
- MIRU WL and RIH w/perf gun to 2065'
 - perforate @ 2 JSPF a.
 - POOH w/WL b.
 - RDWL c.
- 10. TIH w/WS Squeeze 40 SX cement plug @ 2065' to 1965'
 - a. Wait on cement
 - b. Tag plug @ 1965' or above
- 11. MIRU WL and RIH w/perf gun to 1065'
 - perforate @ 2 JSPF
 - b. POOH w/WL
 - RDWL c.
- 12. TIH w/WS Squeeze 40 SX cement plug @ 1065' to 965'
 - a. Wait on cement
 - b. Tag plug @ 965' or above
- 13. MIRU WL and RIH w/perf gun to 400'
 - a. 8-5/8" csng. Shoe @ 350'
 - perforate @ 2 JSPF
 - POOH w/WL c.
 - d. **RDWL**
- 14. TIH w/WS Squeeze 40 SX cement plug @ 400' to 300'
 - a. Wait on cement
 - Tag plug @ 300' or above
- 15. MIRU WL and RIH w/perf gun to 60'
 - perforate @ 2 JSPF
 - POOH w/WL
 - RDWL
- 16. TiH w/WS Circulate cement plug from 60' to surface
 - a. Wait on cement
 - b. Cut off well head
- 17. RDMO Plugging Rig
 - a. Install P & A marker plate
 - b. Cut off dead men
 - Remediate Location

1		
Co Rep	0	
Well Name	Milford 22 Federal	Well No 2
Field	Chaveroo	_
County	Roosevelt	
State	NM	
Date	1/0/1900	
Date Comp		
KR	0.00	 .

Description	O.D.	Grade	Weight	Depth	Cmt Sx	тос
Surface Csg	8 5/8	J55	24	363	200	Surface
Inter Csg	0	0	0	0	0	0
Prod Csg	4 1/2	J55	9 1/2	4416	300	0
Liner O D	0	0	0	0	0	0

			Failure Analysis	Perf @ 60'			
			Lease Milford 22 Federal Well # 2 Field Chaveroo	Sqz to Surface			
i			Well Test Data BOPD BWPD MCF	Junace	ĺ		
			Perforations 4139-4274	1	ĺ		
			TBG Data Pump Size Strokes Per. Min. Stroke Length Seat Nipple	{	İ		
į			Tension Rods String Taper 1 Taper 2 TAC Rod Grade Taper 3 Taper 4	1 1	Water State of		
		7	Predicitive Load Actual Load LIST DATES, REASON FOR FAILURES & MEASURES TAKEN TP PREVENT SAID				>
			FAILURES & NON FAILURE PULLS.	Perf @ 400' Sqz 40 SX			
				1			
				}	1		
				1			
				1			
	•			<u> </u>	1	İ	
				Perf @ 1065'			
				Sqz 40 SX			
				1			
					į		
				1	[
				1			
					an manage of shounds and someone	٠	
		-		Perf @ 2065'			
				Sqz 40 SX			
			LIST ANY DECOMMENDATIONS TO DOSVENT SUTURE SAILURGS OF ANY	1			
			LIST ANY RECOMMENDATIONS TO PREVENT FUTURE FAILURES OR ANY COMMENTS ON WELL CONDITIONS THAT WILL CONTRIBUTE TO FAILURES.				
				1			
				Perf @ 3065 Sqz. 40 SX			
ı							
		Perfo	rations				
1					ł		
		4139-	4274				
i		0					
		PBTD	@4380ETD @0	35' Cmt. Plug Cibp @ 4050'	ARTERNA S	4015'	
			Ope	n Perfs			4139
l		TD @	4418			١	

J

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. <u>Notification:</u> 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. <u>Blowout Preventers:</u> 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. <u>Mud Requirement:</u> 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. <u>Cement Requirement:</u> 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. Monument: Upon abandonment of the well, 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 covered with a metal plate at least ¼ inch thick and welded in place. 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, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds).
- 7. Timing Limitation Lease Stipulation / Condition of Approval For Lesser Prairie-Chicken: Oil and gas activities including 3-D geophysical exploration, and drilling will not be allowed in lesser prairie-chicken habitat during the period from March 1 through June 15 annually. During that period, other activities that produce noise or involve human activity, such as the maintenance of oil and gas facilities, geophysical exploration other than 3-D seismic operations, and pipeline, road, and well pad construction, will be allowed except between 3:00 am and 9:00 am. The 3:00 am to 9:00 am restriction will not apply to normal, around-the-clock operations, such as venting, flaring, or pumping, which do not require a human presence during this period. Additionally, no new drilling will be allowed within up to 200 meters of leks known at the time of permitting. Normal vehicle use on existing roads will not be restricted. Exhaust noise from pump jack engines must be muffled or otherwise controlled so as not to exceed 75 db measured at 30 feet from the source of the noise.
- 8. <u>Subsequent Plugging Reporting:</u> 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.