Form 3160-5 (August 2007)

New Mexico Oil Conservation Division, District FORM APPROVED 1425 N. French Drive On 1421 2010

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

5. Lease Serial No. NMNM0267786 6. If Indian, Allottee or Tribe Name

Do not use this form for proposals to drill or to abandoned well. Use Form 3160-3 (APD) for such				
SUBMIT IN TRIPLICATE – Other instructions or	7. If Unit of CA/Agreement, Name and/or No.			
1. Type of Well	/			
☑ Oil Well ☐ Gas Well ☐ Other	8. Well Name and No. Garretson #			
2. Name of Operator Ridgeway Arizona Oll Corporation	9 API Well No 05-10090			
3a Address 3b. Phone No. 200 N Lorano, STE 1440 432-687-0303	(include area code) 10 Field and Pool or Exploratory Area Tobac, Upper Penn			
4. Location of Well <i>Footage, Sec. T.R.,M., or Survey Description)</i> 660 FNL & 660 FEL Sec. 25, T - 08S, R - 32E, NMP	11 Country or Parish, State Chaves Co, NM			
12. CHECK THE APPROPRIATE BOX(ES) TO IND	ICATE NATURE OF NOTICE, REPORT OR OTHER DATA			
TYPE OF SUBMISSION ·	TYPE OF ACTION			
	en Production (Start/Resume) Water Shut-Off ure Treat Reclamation Well Integrity Construction Recomplete Other			
Subsequent Report	and Abandon Temporarily Abandon			
Final Abandonment Notice Convert to Injection Plug				
Ridgeway Arizona Oil Corp. requests approval to plug and abandon this well Ridgeway will contact BLM 24 hours prior to the beginning of plugging opera				
	MAY 2 1 2012			
APPROVED FOR 3 MONTH PERIOD ENDING AUG 14 2012	RECEIVED			
4. I hereby certify that the foregoing is true and correct Name (Printed/Typed)				
Jana True	Title Mgr - Prorations/Regulatory			
Signature James Line	Date 02/29/2012			
THIS SPACE FOR FEDE	RAL 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 contact the applicant holds legal or equitable time to those rights in the subject leave which wontitle the applicant to conduct operations thereon. Citle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any pe	ortify office ROSWELL FIELD OFFICE rook knowingly and willfully to make to any department or agency of the United States any false,			



Plugging Procedure Garretson #1 API No. – 30-005-10090

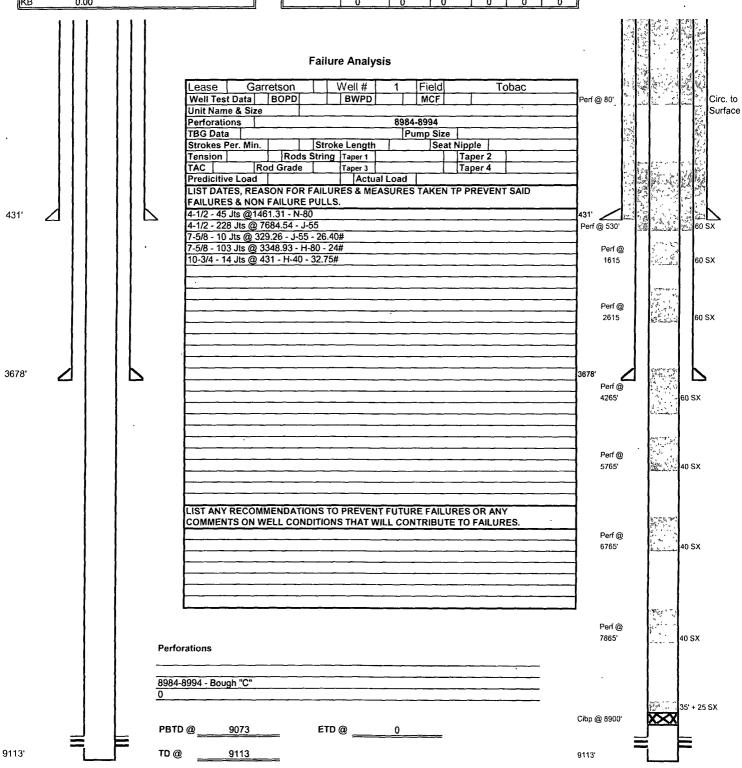
- 1. Prepare location and test anchors
- 2. MIRU plugging rig
- 3. Notify OCD/BLM 24 hours prior to commencement of P & A procedure.
- 4. NDWH/NU BOP
- 5. RIH w-4 ½ CIBP on 2 3/8 WS @ 8900' (+/-) within 100' of top perf 8984'
 - a. Spot 35' of cement on CIBP
 - b. WOC bump plug @ 8865' (+/-)
- 6. Load 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. TIH to 8865' and spot 25 SX cement plug
 - a. Wait on cement and tag
- MIRU WL and RIH w/perf gun to 7865'
 - a. perforate @ 2 JSPF
 - b. POOH w/WL
 - c. RDWL
- 9. TIH w/WS Squeeze 40 SX cement plug @ 7865' to 7765' (+/-)
 - a. Wait on cement
 - b. Tag plug @ 7765' or above.
- 10. MIRU WL and RIH w/perf gun to 6765'
 - a. perforate @ 2 JSPF
 - b. POOH w/WL
 - c. RDWL
- 11. TIH w/WS Squeeze 40 SX cement plug @ 6765' to 6665'
 - a. Wait on cement
 - b. Tag plug @ 6665' or above
- 12. MIRU WL and RiH w/perf gun to 5765'
 - a. perforate @ 2 JSPF
 - b. POOH w/WL
 - c. RDWL
- 13. TIH w/WS Squeeze 40 SX cement plug @ 5765' to 5665'
 - a. Wait on cement
 - b. Tag plug @ 5665' or above
- 14. MIRU WL and RIH w/perf gun to 4265'
 - a. perforate @ 2 JSPF
 - b. POOH w/WL
 - c. RDWL
- 15. TIH w/WS Squeeze 60 SX cement plug @ 4265' to 4115'
 - a. Wait on cement
 - b. Tag plug @ 4115' or above
- 16. MIRU WL and RIH w/perf gun to 2615'
 - a. perforate @ 2 JSPF
 - b. POOH w/WL
 - c. RDWL*
- 17. TIH w/WS Squeeze 60 SX cement plug @ 2615' to 2465'
 - a. Wait on cement
 - b. Tag plug @ 2465' or above
- 18. MIRU WL and RIH w/perf gun to 1615'
 - a. perforate @ 2 JSPF
 - b. POOH w/WL
 - c. RDWL



- 19. TIH w/WS Squeeze 60 SX cement plug @ 1615' to 1465'
 - a. Wait on cement
 - b. Tag plug @ 1465' or above
- 20. MIRU WL and RIH w/perf gun to 530'
 - a. perforate @ 2 JSPF
 - b. POOH w/WL
 - c. RDWL
- 21. TIH w/WS Squeeze 60 SX cement plug @ 530' to 380'
 - a. Wait on cement
 - b. Tag plug @ 380' or above
- 22. MIRU WL and RIH w/perf gun to 80'
 - a. perforate @ 2 JSPF
 - b. POOH w/WL
 - c. RDWL
 - d. TIH w/WS Squeeze 40 SX (+/-) cement plug @ 80'
 - e. Circulate cement to have solid plug from 80' to surface
- 23. RDMO Plugging Rig
 - a. Install P & A marker plate
 - b. Cut off dead men
 - c. Remediate Location

Co. Rep	0	
Well Name	Garretson	Well No. 1
Field	Tobac	
County	Chaves	
State	NM	
Date	1/0/1900	
Date Comp		
кв	0.00	

Description	O D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	10 3/4	H40	32 3/4	431	250	Surface
Inter Csg	7 5/8	J55-H40	24-26	3678.2	500	Unknowr
Prod Csg	4 1/2	N80-J55	11 3/5	9113	400	Unknow
Liner O.D.	0	0	0	0	0	0



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. <u>Monument:</u> 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. <u>Show date well was plugged.</u>

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.