	RECE			
Form 3160-5 (August 2007) DEPARTMENT OF T	ATES OCD HODDS 28 20 THE INTERIOR	Ug FORM	APPROVED 5 1004-0137 July 31, 2010	
BUREAU OF LAND		45. Lease Serial No NMNM 14004		
SUNDRY NOTICES AND R Do not use this form for propos abandoned well. Use Form 3160	als to drill or to re-enter an enter an	6. If Indian, Allottee or Tribe	Name	
SUBMIT IN TRIPLICATE – Other instructions on page 2		7. If Unit of CA/Agreement,	7. If Unit of CA/Agreement, Name and/or No.	
Trype of Well Gas Well Other		8. Well Name and No. Barbara Federal 1		
2 Name of Operator CW Trainer / NMOCD		9 API Wcll No. 30-025-24598		
3a Address 3b Phone No (mehude area co) 1625 N French Drive Hobbs NM 88240 575-393-6161		10 Field and Pool of Exploratory Area Grama Ridge, Bone Spring, West		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980 FSL, 990FEL, Section 6, T 228, R 34E Unit 1		11. Country or Parish, State Lea County		
12 CHECK THE APPROPRIAT	TE BOX(LS) 10 INDICATE NATURE OF NOT	CE, REPORT OR OTHER D/	ντλ ·	
TYPE OF SUBMISSION	ТҮРЕ ОГ АС	TYPE OF ACTION		
Notice of Intent		duction (Starl/Resume)	Wate: Shut-Off Well Integrity	
Subsequent Report Casing Repair		omplete	Other	
Final Abandonment Notice	ction - Plug Back Wa	ter Disposal		
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.				
NMOCD proposes the following P&A procedure, which has also been reviewed by BLM.				
 16" set at 359' - cmt circ 10-3/4" set at 4800' - TOC ?? 7-5/8" set at 12297' - TOC ?? 4-1/2" liner 12,297-15,070'. PBTD 11,572' Top perf - 10,372'. 1. Tag CIBP at 11,572' and spot 35' cmt by bailer or 25sx Class H cmt 2. Circulate hole w/9 5ppg brine mixed with 12.5 lbs of salt gel per bbl. 3. Spot 55 sx Class H at 10616'. 4. Set CIBP at 10272', cap w/35' cmt by bailer or 25sx Class H cmt 5. Perf at 8803', sqz 55sx Class H cmt 6. Perf at 7272', sqz 50 sx Class H cmt 7. Perf at 4850', sqz 35 sx Class C cmt. WOC and Tag 8. Spot 30 sx Class C at 4258' 9. Perf at 3900', sqz 30 sx Class C cmt. WOC and Tag 				
10. Perf at 1720', sqz 25 sx Class C cmt. WOC and Tag 11. Perf at 409', sqz 25 sx Class C cmt. WOC and Tag 12. Perf at 60', sqz and circulate in/out to surface with C 13. Cut off wellhead and anchors. Install dry hole marke	lass C cml. Verify.		HOBBSOCD	
14 Thereby certify that the foregoing is true and correct. Name (liance, Of	Licer	
Signature Malan Stown) Date 10/20	2009 00		
THIS SPACE FOR FEDERAL OR STATE OFFICE USE				
Approved by				
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 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 of representations as to any matter within its jurisdiction				
(Instructions on page 2)				

BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

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 **<u>ninety</u>** (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 this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

2 <u>Notification:</u> Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. <u>Blowout Preventers</u>: 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. <u>Mud Requirement:</u> 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. <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 are 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 a cased hole, 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. Any plug that requires a tag will have a minimum WOC time of 4 hours.

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. <u>Dry Hole Marker</u>: 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 ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. <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 BLM. 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>

8. <u>Trash:</u> 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.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation procedure.

DHW 102109



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United States Department of the Interior

BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 E Greene St Carlsbad, New Mexico 88220-6292 www.blm.gov/nm



In Reply Refer To 1310

Interim Reclamation Procedures

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses.

Interim reclamation consists of minimizing the footprint of disturbance by reclaiming all portions of the well site not needed for production operations. The portions of the cleared well site not needed for operational and safety purposes are recontoured to a final or intermediate contour that blends with the surrounding topography as much as possible. Sufficient level area remains for setup of a workover rig and to park equipment. Topsoil is respread over areas not needed for all-weather operations. Production facilities should be clustered to maximize the opportunity for interim reclamation. In order to inspect and operate the well or complete workover operations, it may be necessary to drive, park, and operate on restored, interim vegetation within the previously disturbed area. This is generally acceptable provided damage is repaired and reclaimed following use.

To reduce final reclamation costs; maintain healthy, biologically active topsoil; and to minimize habitat, visual, and forage loss during the life of the well, all salvaged topsoil should be spread over the area of interim reclamation, rather than stockpiled.

 The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.

For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). Interim reclamation is to be completed within 6 months of well completion.

3. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with interim reclamation as per approved APD or Sundry Notice. If you have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.

5.. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos

Supervisory Environmental Protection Specialist 575-234-5909, 575-361-2648 (Cell)

Terry Gregston Environmental Protection Specialist 575-234-5958

Bobby Ballard Environmental Protection Specialist 575-234-2230

Randy Rust Environmental Protection Specialist 575-234-5943

Linda Denniston Environmental Protection Specialist 575-234-5974

Jennifer Van Curen Environmental Protection Specialist 575-234-5905

Justin Frye Environmental Protection Specialist 575-234-5922 Cody Layton Natural Resource Specialist 575-234-5959

Trishia Bad Bear Natural Resource Specialist 575-393-3612

Todd Suter Surface Protection Specialist 575-234-5987

Doug Hoag Civil Engineering Technician 575-234-5979