

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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. NMLC029389A
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No. NMNM106828
8. Well Name and No. BAISH FEDERAL 12
9. API Well No. 30-015-31376-00-S1
10. Field and Pool, or Exploratory N SHUGART
11. County or Parish, and State EDDY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator CHEVRON USA INCORPORATED	
Contact: CINDY H MURILLO E-Mail: CERRERAMURILLO@CHEVRON.COM	
3a. Address 15 SMITH ROAD MIDLAND, TX 79705	3b. Phone No. (include area code) Ph: 575-263-0431 Fx: 575-263-0445
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 9 T18S R31E NENW 990FNL 1650FWL	

12. CHECK 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"/> Fracture Treat <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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

CHEVRON USA INC IS REQUESTING TO PLUG AND ABANDON THE ABOVE SUBJECT WELL. THE BAISH FEDERAL #12 WAS RECENTLY PLUGGED BACK AND RE-PERFORATED INTO THE WOLFCAMP FORMATION WITH TCP GUNS. THE WELL WAS DEEMED NON-ECONOMICAL AND WE ARE REQUESTING TO PLUG THIS WELL. CAMERON KHALILI (PRODUCTION ENGINEER FOR CHEVRON) HAS SPOKE TO CHRIS WALLS REGARDING THIS MATTER. IF YOU HAVE ANY QUESTIONS, PLEASE GIVE CAMERON KHALILI A CALL AT 432-488-8615.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

RECLAMATION PROCEDURE
ATTACHED

NM OIL CONSERVATION
ARTESIA DISTRICT

Below Ground level abandonment marker required

14. I hereby certify that the foregoing is true and correct.		JUL 29 2016
Electronic Submission #345988 verified by the BLM Well Information System For CHEVRON USA INCORPORATED, sent to the Carlsbad Committed to AFMSS for processing by CHRISTOPHER WALLS on 07/27/2016 (16CRW0079SE)		
Name (Printed/Typed) CINDY H MURILLO	Title PERMITTING SPECIALIST	RECEIVED Accepted for record AMOCD
Signature (Electronic Submission)	Date 07/27/2016	

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

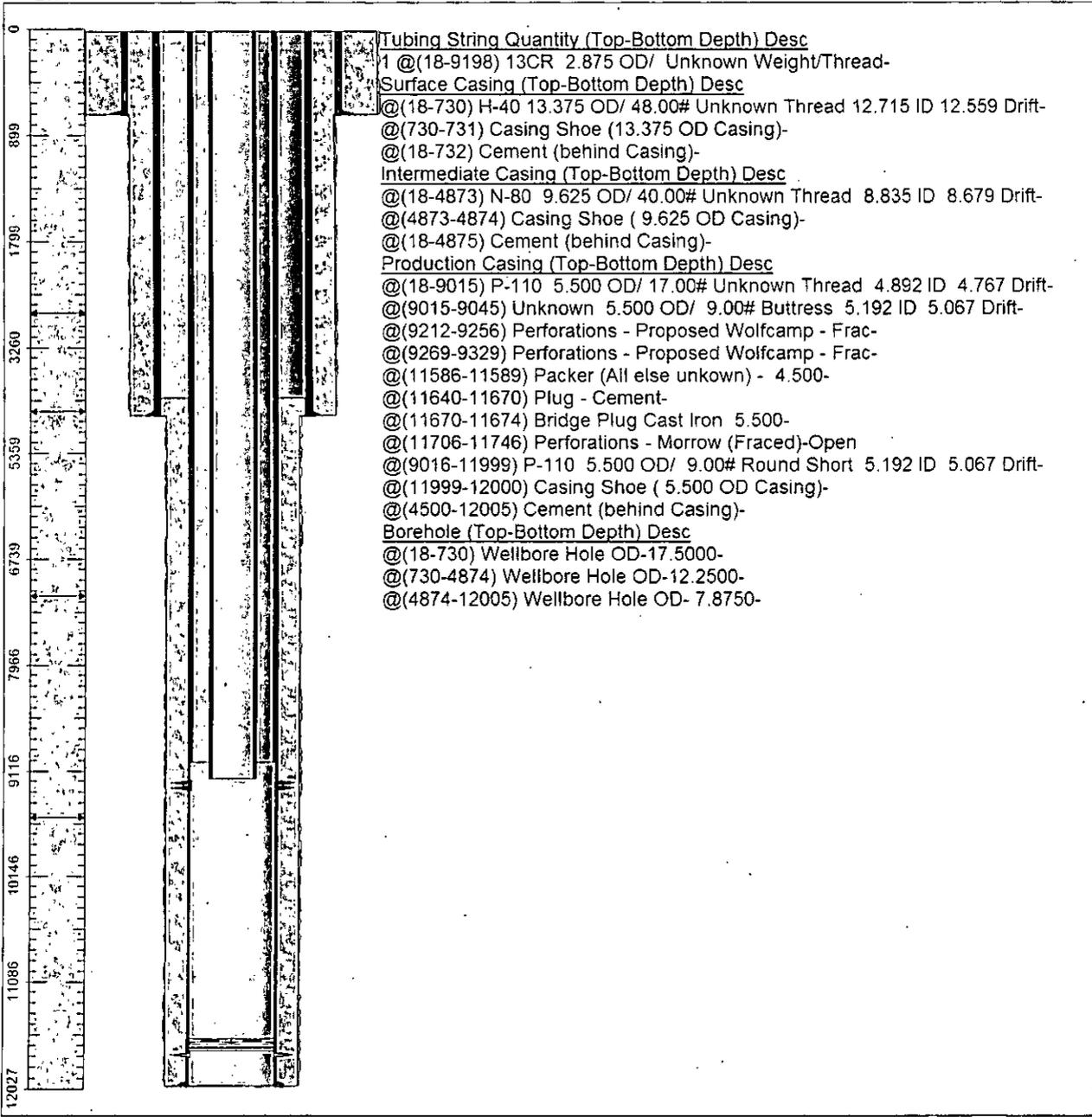
Approved By <i>Chris Walls</i>	Title Eng	Date 7/26/16
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office CFO	

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.

Chevron U.S.A. Inc. Wellbore Diagram : BAISH FED 12

Lease: OHO HOBBS FMT		Well No.: BAISH FEDERAL 12 12		Field: SHUGART NORTH	
Location: 990FNL1650FWL		Sec.: N/A		Blk:	
County: Eddy		St.: New Mexico		Survey: N/A	
Refno: HA9016		API: 3001531376		Cost Center: UCT442600	
Section: E031		Township: 9 S		Range: S018 E	
Current Status: ACTIVE				Dead Man Anchors Test Date: NONE	

Directions:

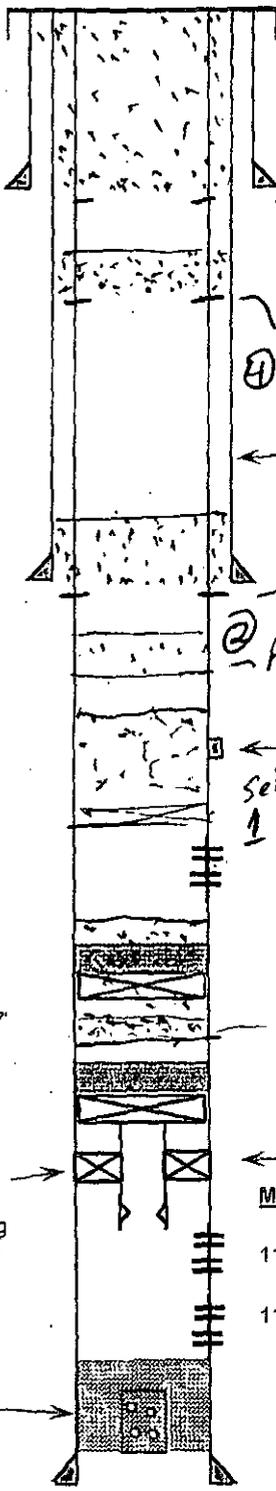


Ground Elevation (MSL): 3707.00		Spud Date: 11/22/2000		Compl. Date: 01/01/1800	
Well Depth Datum: N/A		Elevation (MSL): 0.00		Correction Factor: 0.00	
Last Updated by: nqbc		Date: 09/17/2014			

Lease Name: Baish Federal
 Well No. 12
 Location: 990' FNL & 1650' FWL
 Sec.: 9
 Twn 18 S
 Rnge 31 E
 Cost Center

Field: Wolfcamp
 Reservoir: Wolfcamp
 GL: 3,707'
 KB: 3,725'
 DF: 3,724'
 Status:

API No.: 30-015-31376
 Current/Proposed: Proposed
 Spud Date: 11/20/2000
 Comp. Date: 1/6/2001
 County: Eddy
 State: New Mexico



Hole Size: 17.5"
 Csg. Size: 13-3/8", 48# H-40
 Set @: 731'
 Sks. Cmt.:
 TOC @: Surf
 Circ. Y/N: Y

⑤ Perf at 816' + 592 cmt to surf.

④ TOC @ 4,500'
 Perf at 2000' + 592 cmt to 1700'

③ Perf at 4925' + 592 cmt to 4367'

Calc. TOC @ 4,500'
 Hole Size: 12-1/4"
 Csg. Size: 9-5/8" 40#, N-80
 Set @: 4,874'
 Sks. Cmt.:
 TOC @: Surface
 Circ. Y/N: Yes

② Pump 30 sx class c from 5750-5450'

c @ 9211'

DV Tool @ 9,015'
 set CIBP @ 9157' Pump 40 sx on top from 9157-8857'

Proposed Wolfcamp Perforations
 9207-9211, 9224-9230, 9287-9297, 9300-9312,
 and 9317-9321' @ 4 spf, 90 deg phasing
 Porposed CIBP @ 9664' w 35' CMT on top

Morrow @ 11256'

Pump 30 sx cmt at 11,350-11,140'
 ~ 11,500-9662'

CIBP @ 11,617'
 w/ 35' cement
 to 11,582'

1/4" SS Capstring and check valve lost in hole - est 5'-10'

Feb. 2001
 10K packer @
 11,606'
 Mandrel looking
 up - Est. EOTP
 @ 11,631'

Bottom Packer Detail
 10K packer w/ mandrel looking up - 1.95" ID
 10' - 2 3/8" tubing sub
 1.781" profile nipple
 10' - 2 3/8" tubing sub
 Mechanical gun release upper half

Morrow perfs
 11,706'-11,718'
 11,736'-11,746'

TCP guns -
 top @ 11,821'

Hole Size: 7-7/8"
 Csg. Size: 5-1/2" 17#, P-110, N-80, J-55
 Set @: 12,000'
 Sks. Cmt.: 1710 sx.
 TOC @: 4500'
 Circ. Y/N: Y to DV, N to surface

PBDT: 11,780' Sand fill
 TD: 12,000'



WELL NAME: Baish Federal #12
API #: 30-015-31376 CHEVNO: HA9016
OPERATOR: Chevron USA INC.
SPUD DATE: 11/20/2000 PERMIT: GAS

L029389

Chevron USA Inc.
Mid-Continent Business Unit

WORKOVER PROCEDURE

Baish Federal #12 – Plug and Abandonment

CLASS 3 WELLWORK:

Title	Name	Signature
Lead WSM	Gabriel Garcia / Jose Cruz	
Workover Engineer	Reilly Spence	
Workover TTL	Kyle Olree	
Drilling Superintendent	David Bohon	
Production Engineers	Omar Visairo / Bob Bielenda	



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Objective: P&A the well.

This procedure is meant to be a guide only. It is up to the WSM, Workover Engineer and Production Engineer to make the decisions necessary to do safely what is best for the well. PLEASE REFER TO THE H2S SHEET AND TAKE ALL NECESSARY PRECAUTIONS TO MITIGATE THAT AND ANY OTHER RISKS

Contacts:

Name	Title	Email	Office Number	Cell Phone
Reilly Spence	Workover Eng.	rwxr@chevron.com	970-257-6028	970-549-6417
Todd Cook	HES Specialist			
David Bohon	Superintendent	boho@chevron.com	432-687-7589	432-238-2322
Kyle Oree	TTL	kyol@chevron.com	432-687-7422	307-922-3098
Omar Visairo	Production Eng.	omnv@chevron.com	432-687-7768	432-254-2326
Bob Bielenda	Sr. Production Eng.	rbuz@chevron.com	432-687-7877	432-215-7839
	Ops Supervisor			
Kelly Chavez	ALCR		575-394-1247	432-312-7283
Denise Pinkerton	Regulatory Specialist	leakid@chevron.com	432-687-7375	

Well Status:

Shut-in

Recent History:

The Baish Fed 12 was recently plugged back and re-perforated into the Wolfcamp formation with TCP guns. The well was deemed non-economical and will be P&A'd.

Wellbore Information:

Surface Casing – 13 3/8" 48# H-40 set @ 731' w/ cmt to surface
 Intermediate Casing – 9 5/8" 40# N-80 set @ 4,874' w/ cmt to surface
 Production Casing – 5-1/2" 17# P-110 set @ 12,000' w/ cmt to 4500' (calc; circulated CMT off of DV tool at 9015')
 PBTD@ 11,780'

CMT/RBP 11,582'
 Isolated Morrow Perfs 11706' – 11746'

Wolfcamp Perfs 4 spf, 90 deg phasing @: 9207-9211, 9224-9230, 9258-9267, 9287-9297, 9300-9312, and 9317-9321' using propellant-enhanced tubing-conveyed perforating guns.

Logs:

Archer ran a CBL to 9830' on 7/16/2015. The well was TA'd before and after that, so no fill is expected. There are casing collars located at approximately 9666' and 9624'.

Current/proposed WBD:

PRE-WORK:

7/27/2016



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1. Ensure that proper regulatory agencies have been notified 24 hours prior to P&A operations.
2. Utilize the rig move check list.
3. Ensure that elevators and other lifting equipment are inspected. Caliper all lifting equipment at the beginning of each day or when sizes change.
4. For wells to be worked on or drilled in an H2S field/area, include the anticipated maximum amount of H2S that an individual could be exposed to along with the ROE calculations for 100' and 500'.

Procedure:

1. Rig is currently rigged up on the well with BOPE N/U and tested.
2. P/U 5-1/2" CIBP and TIH with 2-3/8" workstring to 9,157' (50' above top perforation) and set.
3. MIRU cement providers. Test lines to 1000 psi for ten minutes.
4. Spot 300' of 15.6 ppg (5.2 gal/sk; 1.18 cuft/sk yield) Class "H" cement plug from the CIBP at 9,157' - 8,857'. Check with cementing company on any necessary retarder concentration, if applicable.
WOC & Tag
5. L/D workstring to 8,757' and reverse circulate clean 1-1/2 tubing volumes.
6. Pump 300' of 15.6 ppg (5.2 gal/sk; 1.18 cuft/sk yield) Class "H" cement for a balanced plug from ~~6,450' - 6,150'~~ 5750 - 5450'. Check with cementing company on any necessary retarder concentration, if applicable. *(Bone Spring - 5693')*
7. L/D workstring to 6,000' and reverse circulate clean 1-1/2 tubing volumes.
8. Pump 300' of 15.6 ppg (5.2 gal/sk; 1.18 cuft/sk yield) Class "H" cement for a balanced plug from ~~4,750' - 4,450'~~ 4925 - 4387'. Check with cementing company on any necessary retarder concentration, if applicable. *(Perf & Sg 2) (Sg 2d plug) (Delaware - 4437, CS9 shoe - 4673)*
9. L/D workstring to 4,350' and reverse circulate clean 1-1/2 tubing volumes.
10. Pump 300' of 15.6 ppg (5.2 gal/sk; 1.18 cuft/sk yield) Class "H" cement for a balanced plug from ~~2,930' - 2,630'~~ 2000 - 1700'. Check with cementing company on any necessary retarder concentration, if applicable. *(Perf & Sg 2) (Yates - 1947)*
11. Pull up workstring to 2,530' and reverse circulate clean 1-1/2 tubing volumes.
 - WOC ~6 hours, then RIH and tag TOC and report accordingly. Document tag in WellView.
12. MIRU E-line and lubricator. P/U and RIH with perforating guns loaded 4 SPF 90 degree phasing. Perforate squeeze holes at ~~781'~~ 816' (50' below the 13-3/8" surface casing shoe). *(Tose 766')*
13. POOH ensure all shots fired. RDMO with E-line.
14. MIRU cement equipment and test lines.
15. Establish circulation down the 5-1/2" production casing up the 5-1/2" x 9-5/8" annular space.
16. Circulate cement down the 5-1/2" production casing to surface up the 5-1/2" x 9-5/8" annular space. Once cement has been circulated to surface shut in the 5-1/2" x 9-5/8" casing valve leaving 500 psi squeeze pressure on the well.

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17. RDMO with cement equipment.
18. Cut and cap well per Conditions of Approval.
19. Notify ALCR and production personal in field office and contact pumper that well is ready for reclamation.
20. Complete Ownership Transfer Form from D&C to Operations. Send copy to workover engineer for filing.
21. RDMO workover rig and equipment. ENSURE LOCATION IS CLEAN.
22. Turn well over to production.

REFERENCES:

MCBU DC SOP A006 – Elevator Inspection and Change Out Log
MCBU DC SOP A008 – Well Control
MCBU DC SOP C004 – Well Handover version 1.0 Approved
MCBU DC SOP D001 – BOP Pressure Testing
MCBU DC SOP W002 – Flow Back of Energized Fluids
MCBU DC SOP W003 – Workover Barrier 1.0
Well Control Handbook – Version 1.3
Restraint of Temporary Pressurized Lines – February 2015

STANDARD GUIDELINES:

Maximum Anticipated H2S Exposures (RRC H9 / NM Rule 36)

All personnel on location must be made aware of each of the following values (values vary by field):

Maximum anticipated amount of H2S that an individual could be exposed to is 0 ppm

at the maximum anticipated escape volume (of wellbore gas) of N/A MCF/D

100 ppm Radius of Exposure is N/A feet.

500 ppm Radius of Exposure is N/A feet.

Elevators

At every tubing size change, the elevators must be calipered and all lifting equipment must be visually inspected for the correct sizing, and rechecked daily. The elevators must also be checked for proper sizing by placing a pony sub in the elevators. Prior to picking up power swivel, caliper and visually inspect elevators and bail on swivel. Checks are to be documented in the JSA and elevator log.

ND/NU

Prior to N/D, N/U operations, if only one mechanical barrier to flow will be in place, visual monitoring of well condition by the WSM is necessary for 30 minutes or more to ensure that the well is static **before** removing or replacing well control equipment. For all deviations to 2B policy; check that MOC for exemption from 2B policy is in place and applicable. During ND/NU operations with only one barrier to flow in-place, constant visual monitoring of well condition **during ND/NU** by the WSM is necessary.

Installed Equipment

Any and all equipment installed at the surface on the wellbore is to be visually inspected (internally) by the WSM prior to N/U to the wellhead by the service provider to ensure no debris or other potential restrictions are present. During any NU ops over an open wellhead (BOP, EPA, etc.), ensure the hole is covered to avoid dropping anything downhole.

Hazard ID

Identify hazards with the crew as they come up during the job. Stop and review and discuss JSAs.

Scale and Paraffin Samples

When removing rods and/or tubing from a well, collect samples of any paraffin and/or scale.

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When drilling, note, report and sample significant returns of scale or paraffin, or anything other significant returns. Assume that samples that come from different areas/environments in the well are different and require a different sample; e.g. top/bottom of well, inside outside of tubing. Always collect enough sets of samples for both Production and D&C Chemical Reps. Send any samples to Chemical Reps., both for

- 1) Production (many times Baker), as well as for
- 2) D&C (many times PetroPlex).

Discuss D&C's Chemical Rep's recommendations with Engineering, or simply implement as practical.

Trapped Pressure

Recognize whether the possibility of trapped pressure exists, check for possible obstructions by:

- Pumping through the fish/tubular – this is not guaranteed with an old fish as the possibility of a hole above the obstruction could yield inconclusive results
- Dummy run – make a dummy run through the fish/tubular with sandline, slickline, e-line or rods to verify no obstruction. If unable to verify that there is no obstruction above the connection to be broken, or if there is an obstruction:
- Hot Tap at the connection to check for pressure and bleed off
- Observe and watch for signs / indicators of pressure as connection is being broken. Use mud bucket (with seals removed) and clear all non-essential personnel from the floor.

Wireline

For all wireline and slickline jobs (except in new, cemented, tested and unperforated casing) install wireline packoff and lubricator. Follow Standard Guideline for installing equipment over wellhead. Test to 250 on the low end, and test on the high end based on SITP or max. anticipated pressure. Establish exclusion zone around wellhead area. Observe and enforce radio silence as needed for explosives. All wireline tools are to be calipered and documented on a diagram prior to PU and RIH. This is critical information in the event of fishing operations.

STANDARD GUIDELINES

Maximum Anticipated H2S Exposures (RRC H9 / NM Rule 36)

All personnel on location must be made aware of each of the following values (values vary by field):

**Maximum anticipated amount of H2S that an individual could be exposed to is 20 ppm
at the maximum anticipated escape volume (of wellbore gas) of 300 MCF/D
100 ppm Radius of Exposure is 4 feet.
500 ppm Radius of Exposure is 2 feet.**

Elevators

At every tubing size change, the elevators must be calipered and all lifting equipment must be visually inspected for the correct sizing, and rechecked daily. The elevators must also be checked for proper sizing by placing a pony sub in the elevators. Prior to picking up power swivel, caliper and visually inspect elevators and bail on swivel. Checks are to be documented in the JSA and elevator log.

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Frac Prep

During frac prep, check with Engineering about the proximity of any drilling rigs or other ops scheduled in the vicinity on or around our scheduled upcoming frac dates and the effect of frac pressures and depths on those operations, or vice versa. Prior to any frac ops, inspect and RU frac equipment and lines, per Installed Equipment guidelines.

Establish exclusion zone around wellhead area. Test lines according to 80% of casing burst limitations. Set pop-offs accordingly.

Pressure Pumping

During any pressure pumping operations on a casing string, install a low-range pressure gauge and monitor and note bradenhead flow or pressures.

Discontinue pumping operations at any indication of pressure communication to the surface. Confirm that pop-offs are installed on all pumping equipment. Confirm that they are set to appropriate working pressures for the given work.

Flowback Operations

Rig up 15K iron with hobbles or Kevlar strapping. Use only open-top flowback tanks with gas-busters installed, which can be gauged from the ground, i.e. sight glass or tank gauge.

Establish injection rates

For all casing leaks, establish a range of injection/circulation rates and pressures, step-wise. Monitor bleed-down rates for use in hesitation jobs. Note all pressures, pumped volumes and rates for each injection test step. Monitor and note bradenhead pressures and establish backside circulation rates where possible.



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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 (LPC Habitat)

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 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.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. **Notification:** 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. **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. Based on depth, a tag of the cement may be deemed necessary.**

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. Below Ground Level Cap (Lesser Prairie-Chicken Habitat): All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.** Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings 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. A weep hole shall be left in the plate and/or casing.

NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three 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. **Show date well was plugged.**

8. 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.

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

Timing Limitation Stipulation/ Condition of Approval for Lesser Prairie-Chicken:

From March 1st through June 15th annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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In Reply Refer To: 1310

Reclamation Objectives and 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. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its pre-disturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any and all contaminants, scrap/trash, equipment, pipelines and powerlines. Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip and seed as specified in the original APD COA. This will apply to well pads, facilities, and access roads. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

1. 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.
2. 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). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.
3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.

4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. 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.
5. 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.
6. 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 after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.
7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

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

Jim Amos
Supervisory Petroleum Engineering Tech
575-234-5909, 575-361-2648 (Cell)

Arthur Arias
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575-234-6230

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