AFMSS

U.S. Department of the Interior BUREAU OF LAND MANAGEMENT Sundry Print Report

Well Name: FULL HOUSE 10

FEDERAL

Well Location: T24S / R31E / SEC 10 /

SWNW /

County or Parish/State: EDDY /

Well Number: 1

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number:

Unit or CA Name:

Unit or CA Number:

US Well Number: 300153372700S1

Well Status: Gas Well Shut In

Operator: CHEVRON USA

INCORPORATED

Accepted for record - NMOCD gc 3/18/2021

Notice of Intent

Type of Submission: Notice of Intent

Type of Action Plug and Abandonment

Date Sundry Submitted: 03/11/2021

Time Sundry Submitted: 03:36

Date proposed operation will begin: 04/01/2021

Procedure Description: Prep well 1. Contact BLM at least 24 hours prior to performing any work. Place job number in Well View, note th time you contacted BLM and the engineer's name. 2. MIRU wireline unit. 3. Kill well as per SOP/Guidance Document, ensure all annuli are bled off. If H2S is present, contact the engineer, 4, R/U 5K lubricator system w/pack-off and pressure test t/1000 psi for 10 min. Only consider grease injection if nearby homes/businesses or if MASP is above 1000PSI. 5. run gauge ring to verify packer depth. 6. M/U and set CITP at 14426. just above the sliding sleeve. 7. Attempt to PT tbg and csg t/1000psi, MASP, or max anticipated pressure (whichever is larger) for 15 min. Notify engineer if the test fails. Verify max test pressure does not exceed burst strength. 8. RIH w/low flare jet cutter and cut tbg @ 14425. 9. RDMO wireline unit. Rig Work, All cement plugs calculated with 1.32 yield Class C and 1.18 yield Class H. If a different weight/yield is used, recalculate sacks based on depth. 1. Contact BLM at least 24 hours prior to performing any work. 2. MIRU pulling unit. 3. Verify pressures and kill well as per SOP/Guidance Document. Bubble test intermediate and surface casings for 30 minutes each and share results in WellView under daily pressure. 4. N/U 5K 7-1/16" Class II BOP and pressure test 250 psi low and 10000 psi, MASP. or max anticipated pressure (whichever is larger) high for 5 min each. On a chart with no bleed off aloud. Ensure pressure does not exceed 80% burst of tbg/csg, if so, isolate using rubber coated hanger or packer if a hanger does not exist. 5. Pressure test csg to 1000 psi for 15 min. I pressure exceeds 80% burst, contact engineer. Plan to reduce test pressure and re-test to first perforation. 6. Verify tbg is free by picking up one stand. If tbg failed a pressure test. TOH standing back and prepare to test tbg running back in the well. Also discuss with engineer the possibility of setting a CIBP while out of the hole. 7, Spot MLF to appropriate depth to ensure it is spaced out between plugs. Do not pump MLF past the first perfs because it will be pumped away during the P&S procedure. Also if the csg failed a PT, do not spot MLF until it tests properly. Continue to place MLF between cement while plugging out of the hole. 8. Spot 25 sx Cl H cmt f/14426-14056' (Morrow). Plug must be above14186. Add shoe and wolfcamp plug from 11640-11430. WOC tag. 9. Spot 30 sx CI H cmt f/ 11288-11078. (TOL). WOC tag above 11078. . 10. Spot 28 sx Cl H cmt f/8286-8106 (Bone Spring). Plug must be above 8106. 11. Spot CI C cmt f/ 7038-6868 (DVT). WOC tag above 6868. 12. Perf @ 4400, attempt to sgz cement to surface (R-111-P Potash, solid plug thru salt section in/out of all csg). If can't sqz, MU hole 25' intervals until you can. You can perf, sqz and tag in manageable intervals. 13. Verify cement to surface all annulus. 14. RDMO, Perform final bubble test and record in WellView. 15. Below ground level DHM required (LPC habitat). Procedure has BLM changes. 10

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FEDERAL

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SWNW /

County or Parish/State: EDDY /

NM

Well Number: 1

Type of Well: CONVENTIONAL GAS

WELL

Allottee or Tribe Name:

Lease Number:

Unit or CA Name:

Unit or CA Number:

US Well Number: 300153372700S1

Well Status: Gas Well Shut In

Operator: CHEVRON USA INCORPORATED

Surface Disturbance

Is any additional surface disturbance proposed?: No

Oral Submission

Oral Notification Date:

Mar 5, 2021

Oral Notification Time:

12:00 AM

Contacted By:

Howie Lucas

Contact's Email:

howie.lucas@chevron.com

BLM Point of Contact

BLM POC Name: JAMES A AMOS

BLM POC Phone: 5752345927

Disposition: Approved

Signature: James A. Amos

BLM POC Title: Acting Assistant Field Manager

BLM POC Email Address: jamos@blm.gov

Disposition Date: 03/11/2021

R-111-P Potosh

rived by OCD: 3/16/2021 1: Sav		t Clear		Pag		
Form 3160-5 UNITED S (June 2015) DEPARTMENT OF T			OME Expires	M APPROVED 3 No. 1004-0137 : January 31, 2018		
BU	JREAU OF LAND MAN	VAGEMENT	5. Lease Serial No. NMNM70895	5. Lease Serial No. NMNM70895		
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.			6. If Indian, Allottee or Tr	ibe Name		
SUBMIT	IN TRIPLICATE - Other inst	tructions on page 2	7. If Unit of CA/Agreeme	7. If Unit of CA/Agreement, Name and/or No.		
1. Type of Well Oil Well X Ga	s Well Other		8. Well Name and No. Full House 10 Federa	al 1		
Name of Operator Contact: Howie Lucas Chevron USA Incorporated E-Mail: howie.lucas@chevron.com			9. API Well No. 30-015-33727			
The state of the s		3b. Phone No. (include area code) Ph: 832-588-4044	100000 Males	10. Field and Pool or Exploratory Area Sand Dune		
4. Location of Well (Footage, Sec., Sec 10, T24S, R31E, SWNW		n)	11. Country or Parish, Sta Eddy County, NM	te		
12. C	HECK THE APPROPRIATE E	3OX(ES) TO INDICATE NATURE C		DATA		
TYPE OF SUBMISSION	The second second	TYPE	E OF ACTION			
X Notice of Intent	Acidize Alter Casing	Deepen Hydraulic Fracturing	Production (Start/Resume) Reclamation	Water Shut-Off Well Integrity		
Subsequent Report	Casing Repair Change Plans	New Construction X Plug and Abandon	Recomplete Temporarily Abandon	Other		
Final Abandonment Notice	Convert to Injection		Water Disposal			

Full House 10 Federal 1 Short Procedure

completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site

- 1. Contact BLM at least 24 hours prior to performing any work.
 - a. Place job number in WellView, note the time you contacted the TRRC and the engineer's name.
- 2. MIRU wireline unit.

is ready for final inspection.)

- 3. Kill well as per SOP/Guidance Document, ensure all annuli are bled off. If H2S is present, contact the engineer.
- 4. R/U 5K lubricator system w/ pack-off and pressure test t/ 1,000 psi f/ 10 min.
 - a. Only consider grease injection if nearby homes/businesses or if MASP is above 1,000 psi.
- 5. Run gauge ring to verify packer depth.
- M/U and set CITP at 14,426', just above the sliding sleeve.
- Attempt to pressure test tubing and casing t/ 1,000 psi, MASP, or max anticipated pressure (whichever is larger) for 15 minutes.
 - a. Notify engineer if the test fails.
 - b. Verify max test pressure does not exceed casing burst strength.
- 8. RIH w/ low flare jet cutter and cut tubing at 14,425'.
- 9. RDMO wireline unit.

Rig Work - All cement plugs calculated with 1.32 yield Class C and 1.18 yield Class H. If a different weight/yield is used, recalculate sacks based on depth.

- 1. Contact BLM at least 24 hours prior to performing any work.
- 2. MIRU pulling unit.
- 3. Verify pressures and kill well as per SOP/Guidance Document.
 - a. Bubble test intermediate and surface casings for 30 minutes each and share results in WellView under daily pressure.

Page 6 of 15

- a. On a chart with no bleed off aloud.
- b. Ensure pressure does not exceed 80% burst of tubing/casing, if so, isolate using rubber coated hanger or packer if a hanger does not exist.
- 5. Pressure test casing to 1,000 psi for 15 minutes.
 - a. If pressure exceeds 80% of burst, contact the engineer. Plan to reduce test pressure and re-test prior to first perforation.
- 6. Verify tubing is free by picking up one stand.
 - a. If tubing failed a pressure test, TOH standing back and prepare to test tubing running back in the well. Also discuss with engineer the possibility of setting a CIBP while out of the hole.
- 7. Spot MLF to appropriate depth to ensure it is spaced out between plugs.
 - a. Do not pump MLF past the first perforation because it will be pumped away during the P&S procedure. Also, if the casing failed a pressure test, do not spot MLF until it tests properly.

	b. Continue to place MLF between cement while plugging out of the hole.
8.	Spot 25 sx CL "H" Cement f/ 14,426' t/ 14,056'. (Morrow).
	Spot 25 sx CL "H" Cement 1/ 14,426" t/ 14,056". (Morrow). a. Plug must be at or above 14,294". 14 86. Add Shoe Flug. from 11640-11430. WOC Spot 30 sx CL "H" Cement f/ 11,288" t/ 11,096" (TOL). 11078 woc Tag.
9.	Spot 30 sx CL "H" Cement f/ 11,288' t/ 11,096' (TOL). //078 2000 Tog
	a. Plug must be at or above 11,128°. //678
10.	Spot 28 sx CL "H" Cement f/ 8,236' t/ 8,086' (Bone Spring). 82 86 - \$106
	a. Plug must be at or above 8,136'. 8/06
11.	Spot 125 sx CL "H" Cement f/ 7,038' t/ 6,371' (Brushy Canyon). DVT 7038 - 6 868 200 709
	a. Plug must be at or above 6,415 ² . 6868.
12.	Perforate at 4,350° and squeeze 162 sx CL "C" Cement f/4,350° t/3,785°, WOC & tag (Bell Canyon). 4400 - Surf
	a. Plug must be at or above 3,8352. If can't sqz, come up 25' for t again.
13.	Pressure test casing to 1,000 psi for 15 minutes (barrier plug).

14. Perforate at 1,055' and squeeze 305 sx CL "C" Cement f/ 1,055' t/0' (Salt, Shoe, FW).

a. Base of fresh water in this area is ~500'.

Varify coment to surface

15. Verify cement to surface.

16. RDMO.

a. Perform final bubble test and record in WellView.

fotash. fert & Saz in managable steps to Surt. Fert, SQZ, Tag

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Howie Lucas E-mail address: howie.lucas@chevron.com Title Well Abandonment Engineer, Attorney in Fact

Signature Date 03/05/2021

THE SPACE FOR FEDERAL OR STATE OFICE USE

Below ground lavel dry hole marker Required. Outside LA Timing. Received the description of the second section of the section of the second section of the secti

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 1FO

11 **3**

Title & 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)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve hydraulic fracturing operations, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

R-111-P Potash.

H2S Concentration >100 PPM?	No
NORM Present in Area?	No

CURRENT WELLBORE DIAGRAM

Created: 5/7/2020 Updated: 2/22/2021 Lease: Full House 10 Federal

Shut-in Gas Well

Surface Location: **Bottomhole Location:** Same

County: **Current Status:** By: Yifan Li By: H Lucas Well No .:

1,330' FNL & 800' FWL Unit Ltr: Unit Ltr: Eddy St: NM St Lease:

E

Elevation:

Federal GL:3454 Field:

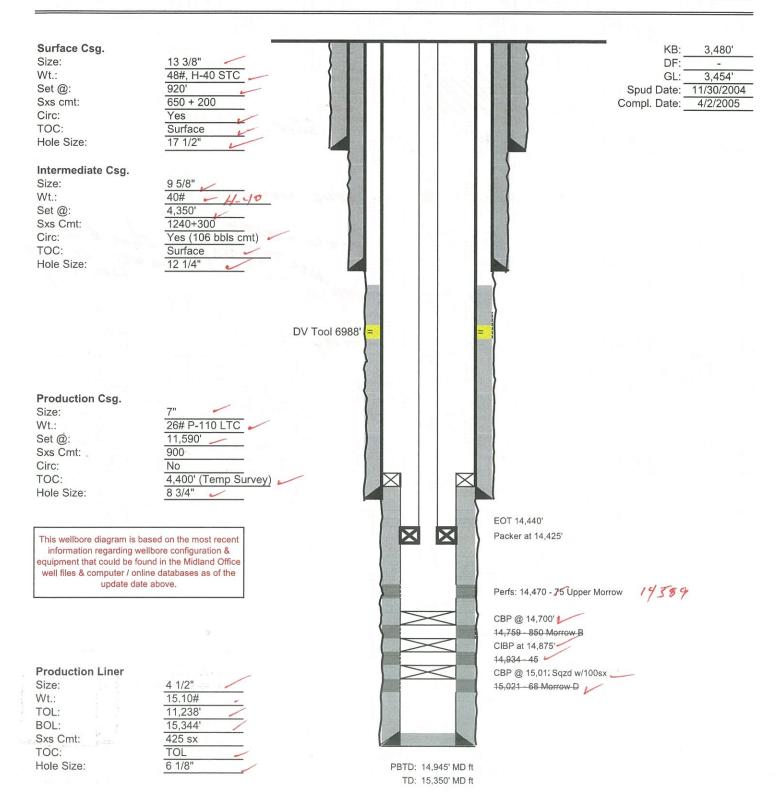
Sand Dunes South 10 TSHP/Range: 24-S/31-E

TSHP/Range:

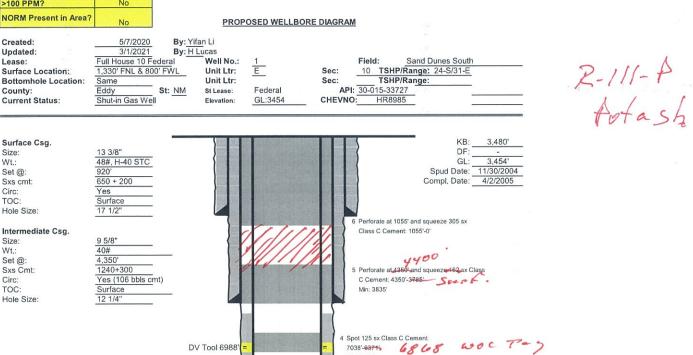
API: 30-015-33727 HR8985 CHEVNO:

Sec:

Sec:



H2S Concentration >100 PPM?	No
NORM Present in Area?	No



Production Csg.

Size: 26# P-110 LTC Wt.: Set @: 11.590 900 Sxs Cmt: Circ: No 4,400' (Temp Survey) TOC: Hole Size: 8 3/4

This wellbore diagram is based on the most recent information regarding wellbore configuration & equipment that could be found in the Midland Office well files & computer / online databases as of the update date above.

Production Liner

Size: 15.10# Wt: TOL: 11.238 15,344 BOL: 425 sx Sxs Cmt: TOC: TOL Hole Size: 6 1/8

2 Spot 30 sx Class H Cement 11288'-14096' 1507 Min: 11128' 1 Set tubing plug at 14426' Cut tubing at 14425' Spot 25 sx Class H Cemen XXX 14425-14050 14 186 Min: 14294' EOT 14,440' Packer at 14,425' Perfs: 14,470 - 75 Upper Morrow CBP @ 14,700° 14,759 - 850 Morrow B CIBP at 14.875 14.934 - 45 CBP @ 15,012 Sqzd w/100sx 15,021 - 68 Morrow D

PBTD: 14,945' MD ft TD: 15,350' MD ft Min: 8136'

Depth (MD) Formation Name T Salt 1,005 B Salt 4,200 Lamar LS 4,335 4,370 Bell Canyon Cherry Canyon 5,275 Brushy Canyon 6,515 8,236 " Bone Spring 9.262 1st Bone Spring 2nd Bone Spring 9,930 3rd Bone Spring 11,060 11,540 Wolfcamp 13,434 /3484 Strawn Atoka 13,666 14,394 Morrow Mississippian below TD Notes top/base salt from logs

8106 109 Add 1/my Shoe & WC 109 Add 1/my Shoe & WC From 11640-11480 MATION TOPS & DEPTHS

FORMATION TOPS & DEPTHS

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 <u>ninety (90)</u> 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. <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. 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.

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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. <u>Subsequent Plugging Reporting:</u> 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. <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 objectives.

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

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III
1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 20950

CONDITIONS OF APPROVAL

Operator:			OGRID:	Action Number:	Action Type:
CHEVRON USAINC	6301 Deauville Blvd	Midland, TX79706	4323	20950	C-103F

OCD Reviewer	Condition
gcordero	None