

OCD-ARTESIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 05 2008

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000SUNDRY 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.
NMNM09003

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

NM 71152

8. Well Name and No.

Sweeney Federal No. 1

9. API Well No.
30-015-10397

10. Field and Pool, or Exploratory Area

Lusk Delaware

11. County or Parsh, State

Eddy, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Lynx Petroleum Consultants, Inc.

3a. Address

P.O. Box 1708
Hobbs, NM 88241

3b. Phone No. (include area code)

575-392-6950

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FSL & 760' FWL
Section 13, T-19S, R-31E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 recompleat 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 recompleat 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.)

1. MIRU. NU BOP.
2. TIH to CIBP @ 4820'. Circulate hole w/gelled mud laden fluid. Spot 5 sx (75') plug on top of CIBP.
3. Pull up and spot 25 sx (375') plug across intermediate shoe @ 4001' (4176'-3801').
4. Cut and recover 300' 4 1/2" csg.
5. Spot 25 sx plug across 4 1/2" stub (3100'-2800').
6. Cut & recover 1800' 8 5/8" csg.
7. Spot 60 sx plug across 8 5/8" stub (1850'-1750').
8. Spot 60 sx plug across 13 3/8" shoe (700'-640').
9. Spot 60 sx plug at surface.
10. Erect dry hole marker. Cut off anchors and clean 1800'.

ACCEPTED FOR RECORD

FEB 12 2008

Gerry Guye, Deputy Field Inspector
NM District II ARTESIA

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

Larry R. Scott

Title President

Signature

Date January 7, 2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

FEB 2 2008

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

JAMES A. AMOS

SUPERVISOR EPS

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

Sweeney Federal No. 1 -- Wellbore 3/13/2007

Elevation: 3541'GL; 3560'KB

17-1/2" Hole

670' - 13 3/8", H-40, 54# Casing
Cemented w/650 sxs. Circulated to Surf.

11" Hole

DV Tool @ 2261'

4001' - 8 5/8", J-55, 32# Casing.
Cemented w/400 sxs. TOC @ 1890'
by Temp Survey

CIBP @ 4820'
Perfs 2JSPF 4868'-4904'

Perfs 2JSPF 5490'-5514'

Pump 675 sx. Class 'C' plus additives
TOC in 4-1/2" x 8-5/8" annulus @ 3300'
Perf 4 SPF @ 6446'-47' for cement job
Perfs 2JSPF 6760'-6808'

CIBP @ 6950' w/35' Cement on Top

Squeezed Csg Leak 7719'-7906' w/300sx.
TOC @ +/-6500'
7-7/8" Hole

TOC @ 10705' by Temp Survey

C.I.B.P. @ 11290' w/50' Cement on Top

Perfs 11360-64', 11372-90', 11400-03', 11390-400'

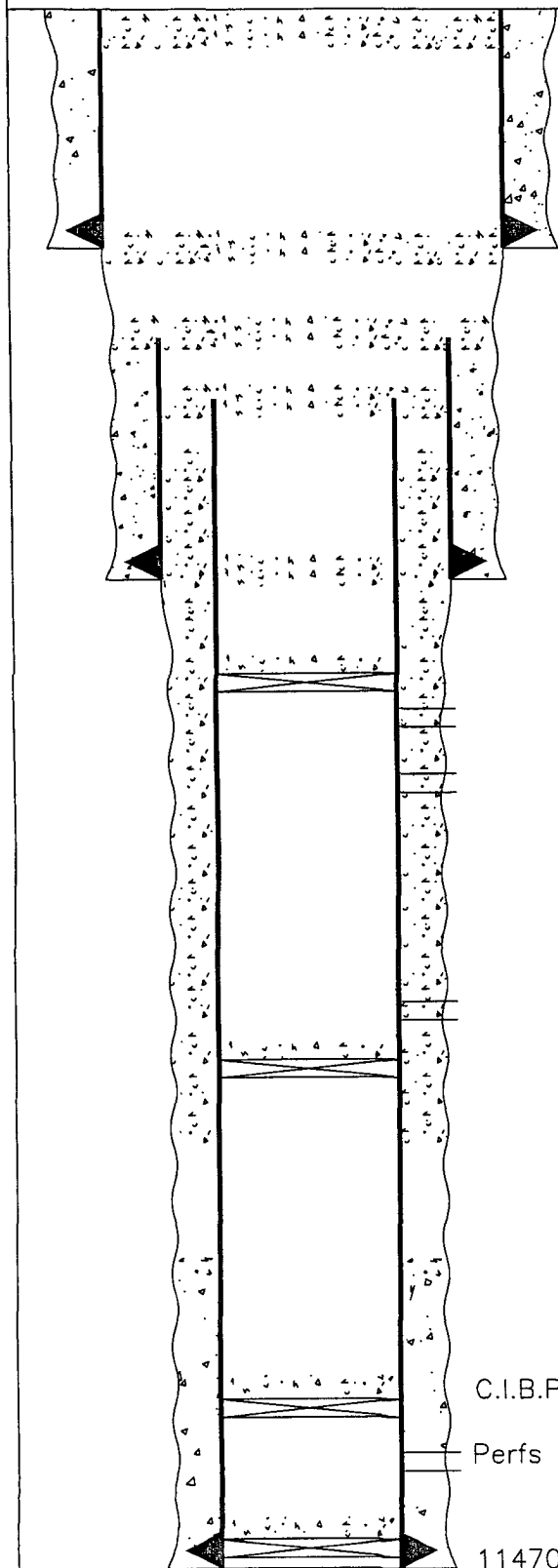
11470' - 4 1/2", J-55 & N-80,
11.6# Casing
Cemented w/160 sxs

T.D. @ 11472'

Lynx Petroleum
Sweeney Federal No 1
660' FSL & 760' FWL
Sec. 13, T-19S, R-31E
Eddy County, N.M.

Sweeney Federal No. 1 -- Proposed P&A
1/2/2008

Elevation: 3541'GL; 3560'KB



17-1/2" Hole

670' - 13 3/8", H-40, 54# Casing
Cemented w/650 sxs. Circulated to Surf.
11" Hole

DV Tool @ 2261'

4001' - 8 5/8", J-55, 32# Casing.
Cemented w/400 sxs. TOC @ 1890'
by Temp Survey

CIBP @ 4820'
Perfs 2JSPF 4868'-4904'

Perfs 2JSPF 5490'-5514'

Pump 675 sx. Class 'C' plus additives
TOC in 4-1/2" x 8-5/8" annulus @ 3300'
Perf 4 SPF @ 6446'-47' for cement job
Perfs 2JSPF 6760'-6808'

CIBP @ 6950' w/35' Cement on Top

Squeezed Csg Leak 7719'-7906' w/300sx.
TOC @ +/- 6500'
7-7/8" Hole

TOC @ 10705' by Temp Survey

C.I.B.P. @ 11290' w/50' Cement on Top

Perfs 11360-64', 11372-90', 11400-03', 11390-400'

T.D. @ 11472'

11470' - 4 1/2", J-55 & N-80,
11.6# Casing
Cemented w/160 sxs

Lynx Petroleum
Sweeney Federal No 1
660' FSL & 760' FWL
Sec. 13, T-19S, R-31E
Eddy County, N.M.

Lynx Petroleum Consultants, Inc.
NMNM09003; Sweeney Federal #1
660' FSL & 760' FWL
Section 13, T. 19 S., R. 31 E.
Eddy County, New Mexico

RE: Plugging and Abandonment, Conditions of Approval

Drill out CIBP at 4,820' and 6,950' (due to distance between plugs at 11,290' - 6,950' and the absence of a plug across the Wolfcamp formation). Perforate the top of Wolfcamp (10,418') and squeeze minimum of 70sx cement, 10,518' - 10,318' leave 200' cement inside the 4 1/2" casing. WOC and tag plug no lower than 10,318'.

Set CIBP at 7,005' (top of Bone Spring and lower Delaware perforations) and spot a 295' cement plug on top of the CIBP. WOC and tag no lower than 6,710'.

Set CIBP at 4,820' and spot a 60 sx balanced plug on top of the CIBP. This will cover the top of the Delaware and the intermediate casing shoe at 4,001'. 4,820' - 3,951'

Cut and recover 3,000' of 4 1/2" casing.

Spot a 130' balanced plug across the 4 1/2" stub at 3,000', 3,065' - 2,935'. WOC and tag no lower than 2,935'.

Spot a 120' balanced plug across the base of the salt (2,258') and the DV tool (2,261'), 2,308' - 2,188'.

Cut and recover 1,800' of 8 5/8" casing.

Spot a 100' balanced plug across the 8 5/8" stub (50' in/out), 1,850' - 1,750'. WOC and tag no lower than 1,750'.

Spot a 100' balanced plug across the top of salt (923'), 973' - 873'.

Spot a 100' balanced plug across the 13 3/8" casing shoe (670'), 720' - 620'. WOC and tag no lower than 620'.

Spot a plug from 60' to surface.

If you have any questions, please contact Jim Amos at 505-234-5909.

J. Amos, 2/2/08

**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 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.

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 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 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. 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.

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. **Dry Hole Marker:** 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. **Subsequent Plugging Reporting:** 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. **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 conditions of approval will be developed and furnished to you.