

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

DEC 06 2012

FORM APPROVED
Budget Bureau No. 1004-0137
Expires: July 31, 2010

NMOCD ARTESIA

5. Lease Serial No.
NMNM0309377A

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐ Oil ☒ Gas ☐

2. Name of Operator

Lynx Petroleum Consultants, Inc.

3a. Address

P.O. Box 1708, Hobbs, NM 88241

3b. Phone No. (include area code)

575-392-3575

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

1980' FSL 7 2310' FWL, Sec. 13, T19S, R31E, Unit K

6. If Indian, Allottee or Tribe Name

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

NMNM72332

8. Well Name and No.

HJ 13 Federal Com. #1

9. API Well No.

30-015-23781

10. Field and Pool, or Exploratory Area

Lusk; Strawn

11. County or Parish, State

Eddy Co., NM

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 type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" 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 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.)

- MIRU pulling unit. Kill well if necessary w/2% KCL TFW. ND wellhead. NU BOP.
- Release PLT packer at 11707'. Tally tubing OOH.
- RU wireline unit. Spot 35' cement on top of CIBP @ 11910'.
- PU CIBP and set @ 11750'. RD wireline unit.
- TIH w/tubing OE and spot 5 bbls 15% HCL-NE-FE acid w/EOT at +/-11515'. TOOH w/tubing.
- RU wireline unit and perforate Strawn carbonate section 11395'-418', 11484', 11500'-503', 11510' w/4 JSPF (120 holes total).
- TIH w/pumpout plug set in 1.81R landing nipple, 10' x 2-3/8" sub, 5-1/2" treating packer w/1.87X profile, On/Off tool, 2-3/8" sub, and 2-3/8" tubing. Test tubing in hole to 5000 psig.
- Set packer at +/-11300'.
- Acidize Strawn perforations w/2500 gallons 15% HCL-NE-FE acid plus 150 ball sealers.
- ND BOP. NU tree.
- RU swab and test Strawn for oil show.
- If Strawn zone appears to be commercial, run 2-7/8" tubing, pump, and rods and return to production.
- If Strawn zone appears to be non-commercial, an intent to plug back and test the Wolfcamp will be submitted.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

SUBJECT TO LIKE
APPROVAL BY STATE

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

NMOCD
Title AGENT 575-392-3575

Signature

Debbie McKelvey

Date 9/21/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

WITNESS
PLUG BACK

APPROVED

DEC 4 2012

Jennifer Mason
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

CURRENT WELLBORE
09/26/12

Elevation: 3558GL KB: +18'

17-1/2" Hole

604' - 13 3/8", K-55, 54.5#, ST&C Casing
Cemented w/625 sxs. Circulated to Surf.

12-1/4" Hole

4101' - 8-5/8", K-55, 32#, ST&C Casing.
Cemented w/1770 sxs. Circulated to Surface

7-7/8" Hole

Perfs/Atoka 11788'-810'

C.I.B.P. @ 11910'

Perfs/Morrow 11939'-54'

C.I.B.P. @ 12300' w/35' Cement on Top

Perfs/Morrow 12341'-97', 12595'-608', 12623'-37'

PBTD @ 12654'

12696' - 5 1/2", 17#, N80

Cement w/1250 sxs. Class 'H'
TOC by CBL 8360'

T.D. @ 12697'

Lynx Petroleum Cons.
Federal 'HJ' 13 No. 1
1980' FSL & 2310' FWL
Sec. 13, T-19S, R-31E
Eddy County, N.M.

PROPOSED STRAWN RECOMPLETION
09/26/12

Elevation: 3558GL KB: +18'

17-1/2" Hole

604' - 13 3/8", K-55, 54.5#, ST&C Casing
Cemented w/625 sxs. Circulated to Surf.

12-1/4" Hole

4101' - 8-5/8", K-55, 32#, ST&C Casing.
Cemented w/1770 sxs. Circulated to Surface

7-7/8" Hole

Perfs/Strawn 11395'-510'

C.I.B.P. @ 11750'
Perfs/Atoka 11788'-810'

C.I.B.P. @ 11910' w/35' Cement on Top
Perfs/Morrow 11939'-54'

C.I.B.P. @ 12300' w/35' Cement on Top

Perfs/Morrow 12341'-97', 12595'-608', 12623'-37'

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Sec. 13, T-19S, R-31E
Eddy County, N.M.

Conditions of Approval

Lynx Petroleum Consultants, Inc.
HJ 13 Federal Com - 01
API 3001523781, T19S-R31E, Sec 13
December 04, 2012

NOTE: If the Strawn in commercial operator shall submit an amendment to the Communitization Agreement (CA) to include the Strawn formation. If the Strawn is produced even for one day the CA shall be amended.

1. The communization agreement for this well (NM72332) does not include the either Strawn or Wolfcamp pay. Amendments to that agreement will be necessary.
2. A new "Well Location and Acreage Dedication Plat" (NMOCD Form C-102) is required with the notice of intent package when opening another pay zone.
3. Before casing or a liner is added or replaced, prior BLM approval of the design is required. Use notice of intent Form 3160-5.
4. **Provide BLM with an electronic copy (Adobe Acrobat Document) cement bond log record from 11,800' or below to top of cement. The CBL may be attached to an email to pswartz@blm.gov**
5. Notify BLM 575-200-7902 before plug back procedures. The procedures are to be witnessed. If no answer, leave a voice mail with the API#, workover purpose, and a call-back phone number. Note the contact, time, & date in your subsequent report.
6. Surface disturbance beyond the originally approved disturbance shall have prior approval.
7. A closed loop system is required. The operator shall properly dispose of drilling/circulating contents at an authorized disposal site. Tanks are required for all operations, no excavated pits.
8. Functional H₂S monitoring equipment shall be on location.
9. A minimum of 5000 (5M) BOPE shall be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (5M) Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.
10. All waste (i.e. trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.

11. The BLM PET witness is to run tbgtally and agree to cement placement. Sample each plug for cement curing time and tag and/or pressure test (WOC time of 4 hours recommended) as requested by BLM PET witness.
12. Class H > 7,500' & Class C < 7,500') cement plugs(s) will be necessary. The minimum pumped volume of 25 sacks of cement slurry is to exceed a 100' cement plug across the drilled wellbore. Add 10% to the 100' slurry volume for each additional 1,000' of plug depth when calculations indicate the need. For any plug that requires a tag or pressure test a minimum WOC time of 4 hours(C) & 8 hours (H) is recommended. Formation isolation plugs of Class "C" to be mixed 14.8#/gal, 1.32 ft³/sx, 6.3gal/sx water and "H" to be mixed 15.6#/gal, 1.18ft³/sx, 5.2gal/sx water.
13. Minimum requirement for mud placed between plugs is 25 sacks of salt water gel per 100 barrels in 9 lb/gal brine.

CIBP at 11,910' was set without BLM approval

14. Steps 3 & 4. –Operator shall place a neat Class H cement on the CIBP at 11,910'. Plug shall be a minimum of 25-sx and 220' in length. Tag the plug at 11,690' or shallower. This plug will cover the Atoka perforations and top.
15. After setting the plug and before perforating, perform a BLM PET witnessed (charted) casing integrity test of 500 psig. Pressure leakoff may require correction for approval. Include a copy of the chart in the subsequent sundry for this workover.
16. File subsequent report sundry Form 3160-5 within 30 days of the completed workover.
17. Submit the BLM Form 3160-4 **Completion Report** within 30 days of the date all BLM approved procedures are complete.
18. Workover approval is good for 90 days (completion to be within 90 days of approval). A detailed justification is necessary for extension of that date.

An inactive/shut-in well bore is a non-producing completion that is capable of "beneficial use" i.e. production in paying quantities or of service use.

19. Submit evidence to support your determination that the well has been returned to active "beneficial use" for BLM approval on the Sundry Notice Form 3160-5 (the original and 3 copies) before April 30, 2013.
20. Should "beneficial use" not be achieved submit for BLM approval a plan for plug and abandonment.

JAM/PRS 120412

Access information for use of Form 3160-5 "Sundry Notices and Reports on Wells"

NM Fed Regs & Forms - http://www.blm.gov/nm/st/en/prog/energy/oil_and_gas.html

§ 43 CFR 3162.3-2 Subsequent Well Operations.

§ 43 CFR 3160.0-9 (c)(1) Information collection.

§ 3162.4-1 (c) Well records and reports.