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Form 3160-3  
(August 2007)

UNITED STATES

OCD-HOBBS

FORM APPROVED  
OMB No 1004-0137  
Expires: July 31, 2010

SEP - 3 2008

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

HOBBS

STANDARD 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.  
NM036452

6 If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☒ Oil Well

☐ Gas Well

☐ Other

2. Name of Operator  
RANGER 40 PETROLEUM, LLC

7. If Unit of CA/Agreement, Name and/or No.  
8910115870

8. Well Name and No.  
LJU #88

3a. Address  
200 N LORRAINE, SUITE 330  
MIDLAND, TX 79701

3b. Phone No. (include area code)  
432-618-0008

9. API Well No.  
30-025-11644

10. Field and Pool or Exploratory Area  
LANGLEY MATTIX SR QUEEN

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
UNIT A, T25S, R37E, 990' FNL & 330' FEL, SECTION 17

11. Country or Parish, State  
LEA COUNTY, NM

12 CHECK THE 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 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 must 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.)

Approval to plug and abandon well. CIBP set @ 3153' w/ 20' cement cap, CIBP set @ 3100' w/ 2 sack cement cap & 2 sack cement plug on top of liner @ 2858' when well was TA'd.

1. Notify the BLM district office 24 hours prior to beginning operations.
2. MIRU plugging equipment and steel pits.
3. ND wellhead - NU BOP - RU safety equipment.
4. RIH w/ workstring to tag cement @ 2858'. Circulate plugging mud - PUH.
5. Spot a 25 sack minimum plug @ 2858'.
6. Perf 7" csg @ 2775', squeeze w/ cement to fill 2775-2625' (Base of Salt plug). WOC & tag no lower than 2625'.
7. Perf 7" csg @ 1150', squeeze w/ adequate cement to fill 1150-1000' in/out of 7" csg (covers DV Tool & Top of Salt), WOC & tag no lower than 1000'.
8. Perf 7" csg @ 200', squeeze w/ adequate cement to fill 200-125' in/out of 7" csg (covers 9-5/8" csg shoe), WOC & tag no lower than 125'.
9. Set cement plug @ 50' & circulate to surface, filling all annulus.
10. Cut off csg at the base of cellar, cut off or remove wellhead & anchors. Set dry hole marker & move out.
11. Remove production equipment. RIP, seed & clean location.

Mud shall be placed between all plugs. Steel pits will be used for this procedure. Follow all requirements per BLM. Work will begin when May Marrs Casing Pulling Inc is available.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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

Title Senior Engineering Tech

Signature

Date 08/26/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

APPROVED

Date AUG 31 2008

JAMES A. AMOS

SUPERVISOR

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.

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.

(Instructions on page 2)

LJU #88

(SR61 - LANGLEY 17#3)

Spruce - 8-20-52  
Orig. Cont. 9-10-52 (To - 3386')  
Drops - 4/9/74 TO 3605'

1 JT 2 7/8 MADE UP TO FEASIBLE

9 5/8" 32# @ 158'  
125 SKS CIRC TO SURF.

DV 100' 1090'  
200 SKS

DUMP BAIL 2 SKS CMT  
@ 2858'

Top of LIGN 2860'

7" 20# @ 3076'  
200 SKS

2 SKS CMT  
CIBP - 3100'

2 SKS CMT ± 3733  
CIBP - 3153'

POSSIBLE  
OBSERVATION  
@ 3156'

3168 - 3580' (ORILL PERIF - 1974)  
3/75 - 3450 - 3561  
RePerf: 1/46 - 3260 - 3380  
2/46 - 3267 - 3326  
4/46 - 3360 - 3554'

CIBP - DRILLED  
+ PUGHEN DOWN  
1200 LB

3591

... FALL OUT TO 3591' - 1/46

4 1/2 9.5# @ 3604'  
100 SKS

0116  
012  
CMT PL.  
3076' -  
- 3386'

LJU 88

(ORIGINAL - LANGE 17#3)

SPUD - 8-20-52

ORIG Comp. 9-10-52 (TD 3380')

DEEPEN: 4/9/74 TD 3605

KB - 10' 6L

Cmt  
8-50'

Remove  
1 1/2" 2 1/2" MADE UP TO FLANGE

Cmt  
plug  
125-  
200

mud

9 5/8" 32# C158'  
125 SKS CIRC TO SURFACE  
hole 0 - 175'

Cmt  
plug  
1000-  
1150

mud

DV TOOL - 3100'?

Cmt plug  
2625-  
2775

mud

mud

2500  
Cmt  
plug

TOP of LINER 2860'

7" 20# C 3076'  
400 SKS - 23TALS

Cmt plug  
2858-3100  
C13P23152  
3100'

3168 - 3580 (orig-1974)

RE Perf 1/4" - 3260 - 3380  
2/4" - 3267 - 3326

PBTD 3541'

4 1/2 9.5# C 3604  
100 SKS -

**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 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> 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.