

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT OCT 20 1993

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS C. D.

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Southwest Royalties, Inc. ✓

3. Address and Telephone No.

P.O. Box 11390, Midland, Texas 79702 (915) 686-9927

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

660' FNL & 660' FEL Sec. 23, T-20-S, R-28-E

5. Lease Designation and Serial No.

NM LC-067684

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Vickers #1

9. API Well No.

30-015-02419

10. Field and Pool, or Exploratory Area

Russell - Yates

11. County or Parish, State

Eddy County, N.M.

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

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other MIT

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Proposed procedure for testing downhole equipment/casing. If casing does not pass MIT, then will plug as below.

- 1). Cap CIBP @ 675' with 50' cement.
- 2). Circulate 9.0 ppg mud with gel as required to surface.
- 3). Find free point of 7" and cut and pull 7" (Probable TOC is  $\pm 300'$ ).
- 4). Set 100' cement plug 50' in and 50' out of 7" stub and tag.
- 5). Perforate 8-1/4" casing @ 135'. Circulate cement to surface inside and out.
- 6). Install cap and mark as per BLM requirements.

Will notify (505) 887-6544 - 48 hours before beginning operations.

14. I hereby certify that the foregoing is true and correct

Signed

Title Regulatory Agent

Date 9-28-93

(This space for Federal or State office use)

Approved by Orig. Signed by Adam Salameh

Title

Petroleum Engineer

Date 10/21/93

Conditions of approval, if any:

- SEE ATTACHMENTS -

~~660'~~ Vickers #1  
660' FNL & ~~1830'~~ FEL, Sec. 23-T20S-R28E  
Eddy County, New Mexico

**Procedure to Test Well for Casing Integrity**

1. Contact BLM in Carlsbad at 505-887-6544 48 hours before beginning procedure.
2. MI RU WL. Run guage ring to 700'. Run CIBP and set at 675'.
3. Load hole with 2% KCL water with inhibitor.
4. Pressure test casing to 550 psi for 30 minutes utilizing a chart. Maximum pressure bleed off is 10%. Send chart to Midland office.
5. Leave well SI in temporary abandoned status.

Note: By running CIBP this will prepare well for any future MIT's.

  
\_\_\_\_\_  
Doug Keathley

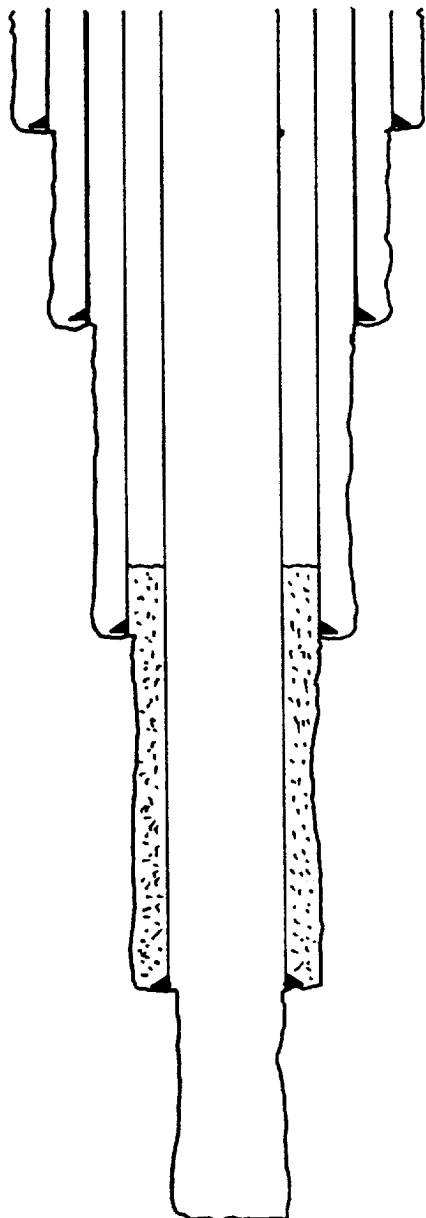
Northern Regional Engineer

# SOUTHWEST ROYALTIES

PROJECT Vickers #1  
660' FNL & 660' FEL, Sec 23-T20S-R28E

PAGE 1 OF 2  
BY ROK DATE 9/24/93

Present Condition



12 1/2" @ 83'

10 3/4" @ 142'. Mudded in.

8 3/4" @ 392'. Mudded in

7" @ 711' with 30sx. TOC - 288' (calculated)

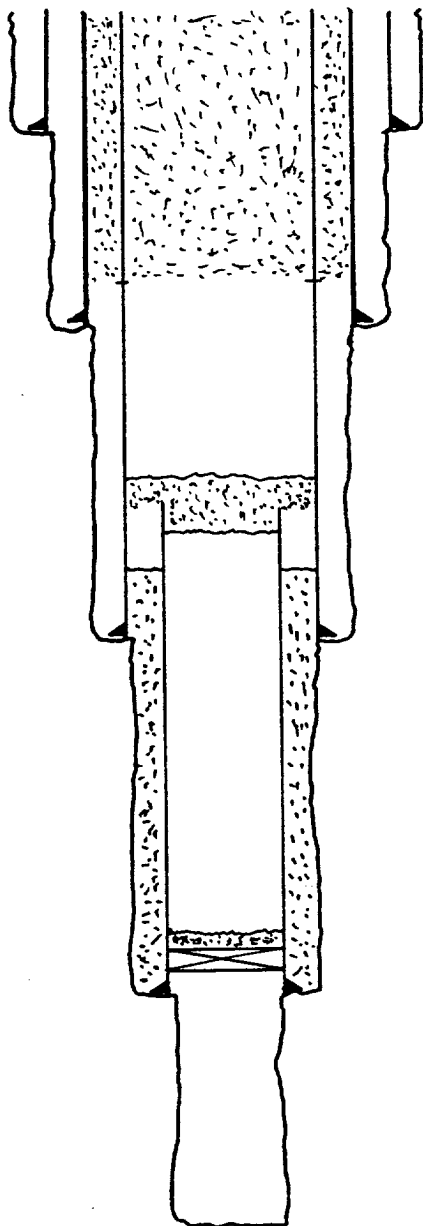
70 @ 954'

# SOUTHWEST ROYALTIES

PROJECT Vickers #1  
660' FNL & 660' FEL, Sec 23-T20S-R28E

PAGE 2 OF 2  
 BY RDV DATE 9/24/93

Proposed P&A



12 1/2" @ 83'

perf @ 135' and cut to surf inside & out  
 10 5/4" @ 142'. Mudded in.

7" stub @ ± 300' with cut 50' in & out.

8 1/4" @ 392'. Mudded in

9.0 ppg mud in well between plugs.

C28P @ 675' with 50' cap at cut.

7" @ 711' with 30sx. TOC - 288' (calculated)

TO @ 954'.

(Rev. 9-30-92)

BUREAU OF LAND MANAGEMENT  
CARLSBAD RESOURCE AREA

Temporary Abandonment of Wells on Federal Lands

Conditions of Approval

According to 43 CFR 3162.3-4-c, " No well may be temporarily abandoned for more than 30 days without the prior approval of the authorized officer".

Temporary Abandonment (TA) status approval requires a successful casing integrity test as follows:

1. Contact the appropriate BLM office at least 24 hours prior to the scheduled Casing Integrity Test. For wells in Eddy County call (505) 887-6544 ; for wells in Lea County call (505) 393-3612.
2. A bridge plug or packer shall be set at a maximum of 50 feet above any open perforations or open hole.
3. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if they are not isolated by a packer.
4. The production casing shall be filled with corrosion inhibited fluid and pressure tested to 500 psi. The casing shall be capable of holding this pressure for at least 30 minutes with a 10% allowable leak-off.

Wells that successfully pass the casing integrity test will be approved for Temporary Abandonment (TA) status for 12 months provided that the operator:

1. Submits a subsequent Sundry Notice requesting TA approval,
2. Attaches a clear copy or the original of the pressure test chart,
3. And explains why such a well should not be plugged and abandoned.

The TA status could be extended without another casing integrity test provided there was no leak-off during the test and the test was witnessed by a BLM representative.

If the well does not pass the casing integrity test, then the operator shall within 30 days submit to BLM for approval one of the following:

1. A procedure to repair the casing so that a TA approval can be granted.
2. A procedure to plug and abandon the well.

BUREAU OF LAND MANAGEMENT  
CARLSBAD RESOURCE AREA

Permanent Abandonment of Wells on Federal Lands

Conditions of Approval

1. Approval: Plugging operations shall commence within 90 days from the approval date of plugging procedure.

2. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Eddy County call (505)887-6544 ; for wells in Lea County call (505) 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 otherwise specified in the approved procedure, the cement plug shall consist of either class "C" , for up to 7,500 feet of depth, mixed at 14.8 lbs./gal. with 6.3 gallons of fresh water per sack or class "H" , for deeper than 7,500 feet plugs, mixed at 16.4 lbs./gal. with 4.3 gallons of fresh water per sack.

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, the name of the operator, the lease serial number, the surveyed location (the 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-S 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.

Following the submittal and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.