

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

**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 reverse side**

1. Type of Well  
☐ Oil Well ☐ Gas Well ☒ Other **Inject**

2. Name of Operator  
**SOUTHWEST ROYALTIES, INC.**

3a. Address  
**6 Desta Dr. Ste. 2100, Midland, TX 79705**

3b. Phone No. (include area code)  
**(432) 688-3267**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1844' fnl & 798' FEL; SEC. 33, T-9 S, R-33E**

**Unit H**

5. Lease Serial No.

**NM 4352**

6. If Indian, Allottee or Tribe Name

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

**NM 70949A**

8. Well Name and No.

**Flying M Sandres**

**Unit #30-9**

9. API Well No.

**30-025-22358**

10. Field and Pool, or Exploratory Area  
**Flying "M" San Andres**

11. County or Parish, State

**Lea County NM**

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

TYPE OF SUBMISSION

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

TYPE OF ACTION

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen                      | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat              | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <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 recomple 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 recompletion 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 final site is ready for final inspection.)

**8 5/8" SURFACE. Cmt. & circulated from 289'. 4 1/2" Prod. Str. Csg. set @4,623'. Calcu. TOC - 3,500'.**

1. **MIRU. P.O.O.H. Prod. Str. Set B.P. @4,500'.**

2. **Mud up hole. Cap B.P. 25 SX. CMT. ROC - Calcu - 4,300'.**

3. **P.U.H. - 3,720'. Spot 20 sx. cmt. Plug T.O.C. Calcu. - 3,500'.**

4. **Perf. & sqz. 2,800'-2,600'. 80 sx. cmt. W.O.C. & tag base of salt.**

5. **Perf & sqz. 1,600'-1,400'. 80 sx. cmt. W.O.C. & tag top of salt.**

6. **Perf. 339'. Sqz. 200 sx. cmt. to surface.**

7. **10 sx. - surface, if cement fails.**

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

**SUBJECT TO LIKE  
APPROVAL BY STATE**

RECEIVED  
2007 MAY 31 A 6:47  
BUREAU OF LAND MGMT  
HOBBS, NEW MEXICO

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

**RANDALL MINEAR**

Title

**AGENT**

Signature

*Randall Minear*

Date

**6-4-07**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

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

**APPROVED**

**JUN 21 2007**

**WESLEY W. INGRAM**  
PETROLEUM ENGINEER

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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.

WELL

FIELD

COUNTY

# FLYING M (SA) UNIT 30-9

FLYING M SAN ANDREAS

LEA CO, NM

LOCATION 1844' FNL & 798' FEL; SEC. 33, T-9S, R-33E

API NUMBER 30-025-22358

LEASE NUMBER

SPUD 12/1967

COMPLETE 12/1967

TA 10/2000

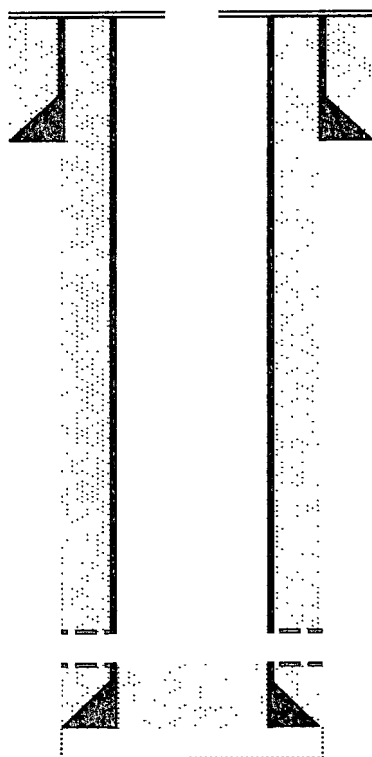
STATUS T/A

ELEVATION KB 4,301'

GL 4292'

12 1/4" HOLE

7 7/8" HOLE



## SURFACE CASING:

10 jts 8 5/8" 32# J-55 @ 289'

CEMENT: 200 SX "A" w/ 2% CaCl

TOC @ SURFACE (circ)

## PERFORATIONS

Production:  
4,595' - 4,602'

TD = 4,625'  
PBD = 4,610'

## PRODUCTION CASING:

144 jts 4 1/2" 9.5# J-55 @ 4623'

LEAD: 250 sx "C" 1-1 Pozmix w/ 4% gel

TAIL: 27 sx "C"

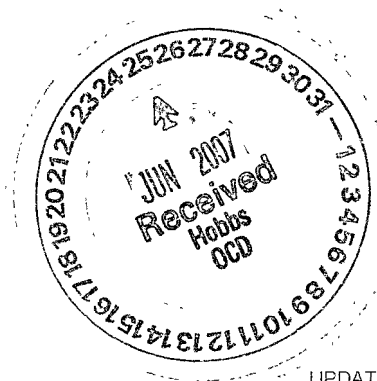
TOC @ UNKNOWN

RECEIVED

2001 MAY 31 A 6:47

BUREAU OF LAND MGMT.  
HOBBS, NEW MEXICO

6/6/07 JC



UPDATED 5/15/2007  
BY ASH

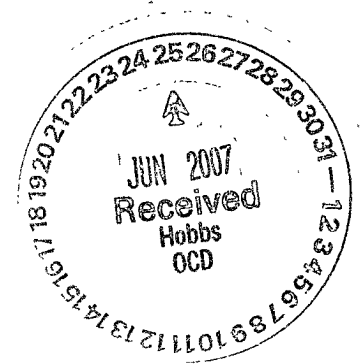
**Flying M San Andres Unit #30-9  
Southwest Royalties, Inc.  
Plug and Abandonment  
June 21, 2007  
Conditions of Approval**

1. Ok
2. Mud to be a minimum of 9 ppg.
3. Minimum plug is 25 sacks and 100' plus 10% slurry for each 1000' of depth.  
This plug should be 140 in length.
4. Ok
5. Ok
6. Ok
7. Ok
8. Cut off casing, install dry hole marker, and clean location per attached conditions of approval.
9. Work to commence within 90 days of approved date.

**WWI 06/21/2007**



**BUREAU OF LAND MANAGEMENT  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
505-234-5972**



**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 505-627-0272; Eddy County, call 505-361-2822; 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 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 50 feet 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 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, 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.