

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**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.*5. Lease Serial No.  
NMSF079011

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**7. If Unit or CA/Agreement, Name and/or No.  
8910005340

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other8. Well Name and No.  
SAN JUAN 32-5 UNIT 7

2. Name of Operator

SOUTHLAND ROYALTY COMPANY LLC

Contact: ROBBIE A GRIGG

Email: rgrigg@mspartners.com

9. API Well No.  
30-039-07992-00-S1

3a. Address

400 W 7TH STREET  
FORT WORTH, TX 76102

3b. Phone No. (include area code)

Ph: 817.334.7842

10. Field and Pool or Exploratory Area  
BLANCO MV/ PC

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

Sec 26 T32N R6W NENW 0940FNL 1850FWL  
36.956055 N Lat, 107.429504 W Lon

11. County or Parish, State

RIO ARRIBA 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"/> Hydraulic Fracturing	<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 recomplete 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 recompletion 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.

SEE ATTACHED PLUG AND ABANDON PROPOSAL AND WBD FOR YOUR APPROVAL.

Notify NMOCD 24 hrs  
prior to beginning  
operations

NMOCD

MAY 18 2018

DISTRICT III

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

Electronic Submission #407857 verified by the BLM Well Information System  
For SOUTHLAND ROYALTY COMPANY LLC, sent to the Farmington  
Committed to AFMSS for processing by JACK SAVAGE on 04/27/2018 (18JWS0118SE)

Name (Printed/Typed) ROBBIE A GRIGG

Title SUPVR REGULATORY REPORTING

Signature (Electronic Submission)

Date 03/14/2018

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

Approved By JACK SAVAGE

Title PETROLEUM ENGINEER

Date 04/27/2018

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 Farmington

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)

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

NMOCD

6



## Southland Royalty Company

### Plug & Abandon Procedure

September 11, 2017

Well: San Juan 32-5 Unit #7  
Location: 940, FNL & 1850 FWL  
Sec, T, R: Sec. 12, T32N, R6W  
Cnty/State: Rio Arriba County, NM  
Lat/Long: 36.9560165, -107.432444

API: 3003907992  
Field: Mesaverde  
Elevation: GL: 6358'  
By: Aztec Well Servicing

#### Objective:

Permanently plug & abandon the well from 5,269' to surface containing 4 separate cement plugs.

#### Prior to Rig:

1. Notify BLM & NMOCD
2. Note: verify all cement volumes based on actual slurry to be pumped.
3. See attached COA's from BLM & NMOCD.

#### Procedure:

1. MIRU unit and cementing equipment
2. ND WH, NU BOP stack, RU rig floor and 2 3/8" handling tools
3. LD production string, Tally & TIH work string / 5 1/2" CSG scraper to 5280' TOOH
4. TIH w/ 5 1/2" CICR and set @ 5269', test TBG, roll well & Test CSG. (WOC to be determined if test holds.
5. Plug #1, 5219' - 5269' (Cliff House Top: 5325'). MV Perfs: 5319' - 5772':  
Sting out of retainer. Mix & pump 6 sxs (7.10 cf) of Class B cement (or equivalent) on top of retainer.
6. If required by BLM/NMOCD, run CBL (note: cement top at 5100', determined by temp survey after primary cement job. Also, a squeeze job done in 1993 put cement from 800' to surface - circulated 3 bbls).
7. LD TBG to 3155'
8. Plug #2, 2850' - 3155' (Fruitland Top: 2900', Pictured Cliffs Top: 3105'): Spot 35 sxs (41.3 cf) Class B cement in a balanced plug inside casing to cover Fruitland and Pictured Cliffs formations.
9. Pull above cement & reverse TBG clean
10. LD TBG to 2350'
11. Plug #3, 2200' - 2350' (Ojo Alamo Top: 2300'): Spot 20 sxs (23.6 cf) Class B cement in a balanced plug inside casing to cover Ojo Alamo formation.
12. Pull above cement & reverse TBG clean





Family-owned, founded in 1983 with Aztec Well Servicing Co.



## Southland Royalty Company

### Plug & Abandon Procedure

September 11, 2017

Well:	San Juan 32-5 Unit #7	API:	3003907992
Location:	940, FNL & 1850 FWL	Field:	Mesaverde
Sec, T, R:	Sec. 12, T32N, R6W	Elevation:	GL: 6358'
Cnty/State:	Rio Arriba County, NM		
Lat/Long:	36.9560165,-107.432444	By:	Aztec Well Servicing

13. LD all TBG

14. Plug #4, (Surface plug): Spot 6 sx (7.1 cf) for a surface plug. Top off as necessary. Note: circulated out the bradenhead valve on squeeze done in 1993'.

15. ND BOP and cut off wellhead below surface casing flange per regulation. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM/NMOCD stipulations.





Southland Royalty Company

# CURRENT WBD

## San Juan 32-5 Unit #7 Rio Arriba County, NM

TD - 5,801'; PBTD - 5,783'

12-1/4" cable tool hole to 186' KB  
Surface Csg: 6 jts 9 5/8" 36# J-55  
Setting Depth: 185'

Cement  
175 Sx Regular  
Circulate cmt to surface

8-3/4" rotary hole to 5,801'  
Production Csg: 5-1/2" 17# J-55  
Setting Depth: 5,800'

Cement:  
200 Sx Regular  
TOC @ 5,100' (B&R Temp Survey)

Prepared by: CArnold  
Date: 09/05/2017

KB = 13'  
KB = 6,371'  
GL = 6,358'  
API# 30-039-07992

Spud Date: 04/13/1959  
Date Completed: 05/18/1959

Ojo Alamo: 2,300'  
Kirtland: 2,490'  
Fruitland: 2,900'  
Pictured Cliffs: 3,105'  
Lewis: 3,280'  
Cliff House: 5,325'

Csg Leak Sqz - 10/27/1993:  
250 Sx Class B in csg leak @ 665'

Perf 2 Sqz Holes @ 430'  
175 Sx Class B  
Circulate 3 bbl cmt to surface

Cmt f/ Surface-800' and 5100'-TD

Prod Tbg 11/06/1993:  
2-3/8" 4.7# J-55 Tbg  
EOT=5,771' KB; SN @ 5,740'

### Mesaverde Frac 05/04/1959:

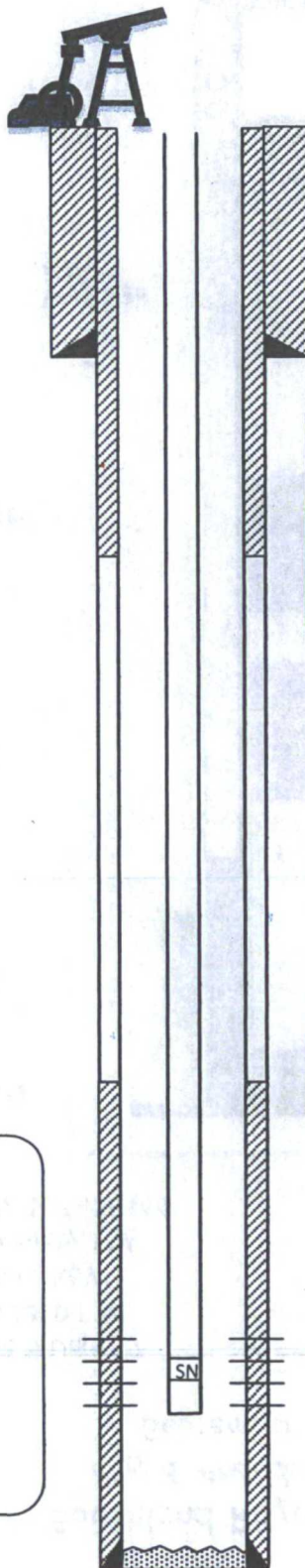
Upper Section 5319-5512':  
27,914 gal wtr  
20,000# 20/40 Sd  
BD 2,050 psi, AIR 66.5 bpm

Lower Section 5604-5772':  
39,986 gal wtr  
40,000# 20/40 Sd  
BD 2,000 psi, AIR 53 bpm

IP: 1.3 MMcf

### Mesaverde Perfs 05/04/1959:

5319-23', 5328-35', 5456-60',  
5465-74', 5498-5512', 5604-36',  
5680-5702', 5750-72'  
4 SPF



PBTD: 5,783'



# THE AZTEC WELL FAMILY

Family-owned, founded in 1903 with Aztec Well Servicing Co.



## Southland Royalty Company

### Plug & Abandon Procedure

September 11, 2017

Well: San Juan 32-5 Unit #7  
Location: 940, FNL & 1850 FWL  
Sec, T, R: Sec. 12, T32N, R6W  
Cnty/State: Rio Arriba County, NM  
Lat/Long: 36.9560165, -107.432444

API: 3003907992  
Field: Mesaverde  
Elevation: GL: 6358'  
By: Aztec Well Servicing

Today's Date: 9/11/17  
Spud:  
Completed:

Elevation: 6358' GL  
13' KB

Ojo Alamo @ 2300'

Kirtland @ 2490'

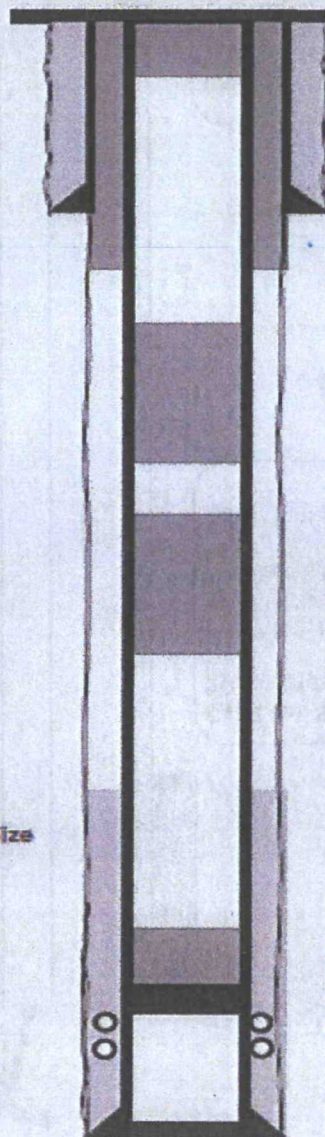
Fruitland @ 2900'

Pictured Cliffs @ 3105'

Lewis 3280'

Cliff House @ 5325'

Hole Size  
8.75"



Hole Size: 12.25"

9-5/8", 36#, Casing set @ 185'  
Cement cire to surface

Plug #4 (50' - surface)  
6 sx (7.10 cf) of Class B cement

Cmt f 800' - surface (squeeze job 1993)

Plug #3 (2200' - 2350')  
20 sx (23.6 cf) of Class B cement

Plug #2 (2850' - 3155')  
35 sx (41.3 cf) of Class B cement

TOC 5100'

CICR - 5289'  
Plug #1 (5219' - 5289')  
6 sx (7.10 cf) of Class B cement  
MV Perfs: 5319' - 5772'

5-1/2", 17#, J55 at 5800'

Cmt w/ 200 sx

PBTD: 5783'  
TD: 5801'



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: San Juan 32-5 Unit #7

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. The following modifications to your plugging program are to be made:
  - a) Add a cement plug (4246-4146) ft. inside/outside to cover the Chacra top. BLM picks top of Chacra at 4196 ft.
  - b) Set plug #2 (3143-2756) ft. inside/outside to cover the Pictured Cliffs and Fruitland tops. BLM picks top of Pictured Cliffs at 3093 ft. BLM picks top of Fruitland at 2806 ft.
  - c) Set plug #3 (2555-2258) ft. inside/outside to cover the Kirtland top and the entire Ojo Alamo interval. BLM picks top of Kirtland at 2505 ft. BLM picks top of Ojo Alamo at 2308 ft.
  - d) Add a cement plug (1020-920) ft. inside/outside to cover the Nacimiento top. BLM picks top of Nacimiento at 970 ft.
  - e) Set plug #4 (235-0) ft. to cover the 9-5/8" surface casing shoe. Surface casing shoe set at 185 ft.

Operator must run CBL to surface to identify TOC. Submit the electronic copy of the log for verification to the following addresses: [jwsavage@blm.gov](mailto:jwsavage@blm.gov) [Brandon.Powell@state.nm.us](mailto:Brandon.Powell@state.nm.us)

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.