

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.***SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: COAL BED METHANE		5. Lease Serial No. NMNM4461
2. Name of Operator SOUTHLAND ROYALTY COMPANY LLC Contact: CHRIS ARNOLD Email: carnold@mspartners.com		6. If Indian, Allottee or Tribe Name
3a. Address 400 W 7TH STREET FORT WORTH, TX 76102	3b. Phone No. (include area code) Ph: 817-334-7708	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 32 T32N R5W NENE 620FNL 7700FEL 36.942267 N Lat, 107.379362 W Lon		8. Well Name and No. ELK HORN 101S
		9. API Well No. 30-039-09812-00-S1
		10. Field and Pool or Exploratory Area BASIN FRUITLAND COAL
		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 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 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple 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.

Southland Royalty requests permission to set a plug over the lower Fruitland Coal sidetrack and produce from the upper Fruitland Coal sidetrack only.

See attached Current WBD and Proposed WBD.

Notify NMOCD 24 hrs
prior to beginning
operations

OIL CONS. DIV DIST. 3

JAN 22 2018

14. I hereby certify that the foregoing is true and correct. Electronic Submission #400749 verified by the BLM Well Information System For SOUTHLAND ROYALTY COMPANY LLC, sent to the Farmington Committed to AFMSS for processing by WILLIAM TAMBEKOU on 01/18/2018 (18WMT0294SE)	
Name (Printed/Typed) ROBBIE A GRIGG	Title SUPVR REGULATORY REPORTING
Signature (Electronic Submission)	Date 01/12/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By WILLIAM TAMBEKOU	Title PETROLEUM ENGINEER	Date 01/18/2018
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**



Southland Royalty Company

Elk Horn 101s Rio Arriba County, NM

Mainbore TD - 4,498' MD, 3652' TVD
Lower Sidetrack: TD - 5945' MD, 3568' TVD
Upper Sidetrack: TD - 5929' MD, 3476' TVD

12 1/4" to 240'.
Surface Csg: 5jts 9 5/8" 32.3 lb/ft H-40
Setting Depth: 227 ft kb

Cement
125sx Class B (148 ft³)
Circulate 6bbls to surface

8 3/4" hole to 4,498'
Intermediate Csg: 108jts 7" 23#/ft J-55
Setting Depth: 4,495 ft

Cement
Lead: 650sx Class B
Tail: 150sx Type V (1431 ft³)
Circulate 80 bbls to surface.

10/23/2007
Upper Window: 4092' - 4100'
6 1/4" hole to 5929 ft MD
Prod Liner: 42 jts - 4.5" 11.6 lb/ft J-55
Pre-perf liner
Setting Depth: 5906 ft MD
Liner Top: 4103 ft MD (3' outside window)

10/8/2007
Lower Window: 4226' - 4234'
6 1/4" hole to 5945 ft MD
Prod Liner: 40 jts - 4.5" 11.6 lb/ft J-55
Pre-perf liner
Setting Depth: 5917 ft MD
Liner Top: 4237 ft MD (3' outside window)

Producing Intervals:
Upper Fruitland: Top 4148' MD, Bottom 5863' MD
Lower Fruitland: Top 4280' MD, Bottom 5870' MD

Bethlehem C320-213-120
120" SL, 6 SPM

Prepared by: Dusak
Date: 05/15/2017

KB = 15'
GL = 6813'
API# 30-039-09812

Spud Date: 09/22/2007
Completion Date: 10/23/2007
First Delivered: 11/27/2007

Prod Tbg 04/17/2015:

2-7/8" 6.5# J-55 tbg
BP, MJ, 6' PS, 4' PS, MJ, 6' PS, New SN, 6jts YB, Cap
String Inj. Sub, 128 jts YB, 12' Pup Jt, 1 jt YB.
EOT=4,338'; SN= 4,249'.
Cap String Banded to Tbg, Mandrel @ 4052'

CoRod/Pump 04/17/2015:

2.5"x2"x20' RWAC
5-7/8"x40" Stabilizers, 2-1.25"x25' sinker bars,
sheartool, 3683' of 13/16" CoRod, 18-7/8"x25' rods, 7/
8"x4' Pony Rod, 1.25"x26' PR w/ 1.5"x14' liner.

TD = 4498' MD
PBTD = 4366' MD
Tagged in 2012, 13,
14, and 2015

4.5" Liner PBTD = 5929' MD

4.5" Liner PBTD = 5945' MD



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CIBP @ 4,210'

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120" SL, 6 SPM

Prepared by: CArnold
Date: 05/15/2017

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API# 30-039-09812

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First Delivered: 11/27/2007

Proposed Prod Tbg

2-7/8" 6.5# J-55 tbg
BP, MJ, 8' PS, SN, 6jts YB, Cap String Inj. Sub, 125 jts YB
EOT=4,165'; SN= 4,125'
Cap String Banded to Tbg

Proposed CoRod/Pump

2.5"x1.75" RWAC
7 > 7/8" D Rods w/ 3 molded rod guides per rod,
Shear tool, 2,800' of 13/16" CoRod, 10 > 1-1/2" Kbars,
36 > 7/8" D Rods, 1.25" PR w/ liner.

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PBTD = 4366' MD
Tagged in 2012, 13,
14, and 2015