

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.
NMSF079973

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other: COAL BED METHANE

8. Well Name and No.
DONOHUE 3

2. Name of Operator
SOUTHLAND ROYALTY COMPANY LLC
Contact: ERIC KITTINGER
Email: EKITTINGER@MSPARTNERS.COM

9. API Well No.
30-039-24223-00-S1

3a. Address
400 W 7TH STREET
FORT WORTH, TX 76102

3b. Phone No. (include area code)
Ph: 817-334-8302

10. Field and Pool or Exploratory Area
BASIN FRUITLAND COAL

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

Sec 7 T25N R7W NWSE 2235FSL 1480FEL
36.413650 N Lat, 107.611100 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 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 checked="" 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 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.

Southland Royalty Company LLC has plugged and abandoned the Donohue #3 as of 10/31/2019.
GPS coordinates have been verified as Lat. 36.413611, and Long. -107.611667.

Attached are the Job Summary, Final WBD, Cement Reports, and CBL.

NMOC

NOV 25 2019

DISTRICT III

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

Electronic Submission #492239 verified by the BLM Well Information System
For SOUTHLAND ROYALTY COMPANY LLC, sent to the Farmington
Committed to AFMSS for processing by JOE KILLINS on 11/13/2019 (20JK0050SE)

Name (Printed/Typed) CONNIE BLAYLOCK

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 11/13/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED**

JOE KILLINS
Title ENGINEER

Date 11/13/2019

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 ****

AV

4



Southland Royalty Company

Plugged & Abandoned Wellbore

GR = 6487 ft
API# 30-039-24223

Spud Date: 07/19/1988

Donahue #3

County: Rio Arriba

TD - 2379 ft MD

12 1/4" hole to 144' KB.
Surface Csg: 3 jts 8 5/8" 17#/ft H-40 ST&C
Setting Depth: 144 ft KB

Cement
145sx Class B (173 ft³)
Circulated 8 bbls cement to surface.

6 3/4" hole to 2368' KB.
Production Csg: 75 jts 4.50" 10.5#/ft J-55 ST&C
Setting Depth: 2380' ft KB

Cement:
Lead: 200sx Class B
Tail: 100sx Class B
Circulated to surface.

Formation depth:

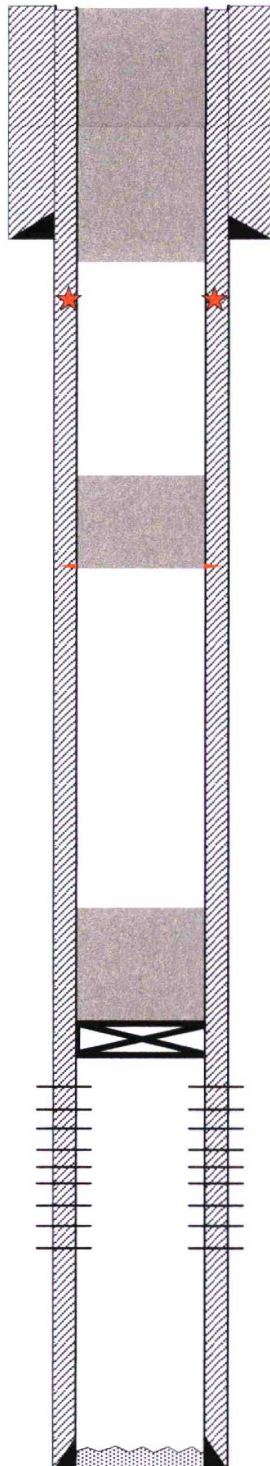
Ojo Alamo: 1652 ft
Kirtland: 1730 ft
Fruitland: 2046 ft
Pictured Cliffs: 2229 ft

Fruitland Coal Perfs:
2145', 2176', 2188', 2226', 2230',
2232', 2258', 2267', 2268'.

EC Frac:
2145'-2268'
1,200# Sand
28,854 Gal fluid

Casing Squeeze in 2009:
Isolated leak between 290' -
383'. Pumped 275 sx of Class
G out casing and up through
bradenhead. Circ 5 bbls to
sfc.

Fruitland Coal: 2145 ft



PLUG 4:

48 sx Class G Cmt from 200' to
Surface. Topped off w/ 32 sx.

PLUG 3:

Squeeze Perfs @ 730'
Spotted 17 sx Class G Cmt from
575' - 780'

PLUG 2:

28 sx Class G Cement Balanced
Plug from
1,425' - 1,780'

PLUG 1:

CICR @ 2,100'
Cmt w/ 16 sx Class G cmt
TOC @ 1,900'

PBTD:2363 ft MD

Job Summary for DONOHUE 3 - 3003924223

Date	Summary
10/29/2019	MOL and R/U P&A rig. L/D rod string and rod pump. N/D wellhead, N/U BOP and function tested. TOOH with production tubing. Shut-in well for the day. Leo Pacheco was BLM inspector on location.
10/30/2019	P/U casing scraper and round tripped. P/U CR, TIH and set at 2100'. Pressure tested casing successfully. R/U wire line services. Ran CBL from CR at 2100' to surface. CBL results were sent to BLM/NMOCD offices for review. R/U cementing services. Pumped plug #1 from 2100'-1900' to cover the Fruitland perforations and formation top. PUH. Pumped plug #2 from 1780'-1425' to cover the Kirtland and Ojo Alamo formation tops. R/U wire line services. RIH and perforated squeeze holes at 730'. Attempted to establish injection rate into perforations at 730' but was unsuccessful. R/U cementing services. Pumped plug #3 from 780'-575' to cover the Nacimiento formation top. PUH. Pumped surface plug from 200'-surface to cover the surface casing shoe. N/D BOP. Shut-in well for the day. Leo Pacheco was BLM inspector on location.
10/31/2019	Cut-off wellhead. Ran weighted tally tape down 5.5" production csg and tagged cmt 77' down. Cmmt was at sfc in 8-5/8" surface casing. Installed P&A marker per BLM/NMOCD standards. Ran 3/4" poly pipe down 5.5" production casing and topped-off well with 32 sx of cement. Photographed the P&A marker in place and recorded its location via GPS coordinates. R/D and MOL. Leo Pacheco was BLM inspector on location.



Treatment Report 1

Customer: DRAKE WELL SERVICES "SOUTHLAND"
Well Name: DONOHUE #3
Job Type: P&A
State: NM
County: RIO ARriba
API: 30-039-24223
Legals:

Drake Energy Services
 607 West Pinon Street
 Farmington NM, 87401
 Office: (505) 327-7301
 Fax: (505) 327-7304
DATE: 10/31/2019

OH Size:

Casing Size: 4.5"

Tubing Size: 2.375"

DENISTY

YIELD

MIX WATER

CEMENT

15.8

1.14

4.96

Date	Time	Volume of Fluid Pumped	Fluid Type	Pressure	Rate	Event
mm/dd/yy	h:mm	bbls	name	psi	bpm	Description of operation and fluid pumped
10/30/2019	9:00					ARRIVE TO LOCATION
	0:00					PRESSURE TEST CASING @ 800psi "passed"
	13:59	0	H2O	1500	0	PRESSURE TEST Line
	14:09	1	H2O	95	1.3	CIRCULATE WELL 1 BBLS
	14:12	0	H2O	0	0	SHUT DOWN BATCH MIX CMT
	14:24	3.2	CMT	110	1.5	3.2 bbls / 16 sacks CMT @ 15.8
	14:26	7.2	H2O	95	1.4	DISPLACE 7.2 BBLS
	14:29	0	H2O	0	0	SHUT DOWN, PULL TUBING,
	14:40	1	H2O	100	1.3	CIRCULATE WELL 1 BBLS
	14:41	5.6	CMT	125	1.4	5.6 BBLS / 28 SACKS CMT @ 15.8
	14:44	5.5	H2O	85	1.2	DISPLACE 5.5 BBLS
	14:49	0	H2O			SHUT DOWN, PULL TUBING, PERF @ 730'
	15:46	1	H2O	800	0.5	INJECTION TEST 1, MAX PRESSURE @ 800psi
	15:55	0	H2O	390	0	SHUT DOWN, TIH
	16:01	0.25	H2O	300	0.2	BRADEN HEAD TEST @ 300psi "PASSED"
	16:12	1	H2O	100	1.2	CIRCULATE WELL 1 BBLS
	16:14	0	H2O	0	0	SHUT DOWN BATCH MIX CMT
	16:20	3.3	CMT	112	1.5	3.3 BBLS / 17 SACKS CMT @ 15.8
	16:24	2.2	H2O	80	1.2	DISPLACE 2.2 BBLS
	16:28	0	H2O	0	0	SHUT DOWN, PULL TUBING
	16:40	3.2	CMT	50	1.2	3.2 CMT / 16 SACKS CMT @ 15.8
	16:44	0	CMT	0	0	CMT @ SURFACE 1.5 BBLS CMT RETURNS
10/31/2019						
	8:00					CUT WELL HEAD, WELD P&A MARKER
	12:00	6.5	CMT	10	0.5	6.2 BBLS / 32 SACKS, TOP- OFF
TOTAL:						

Supervisor Signature