

Submit 1 Copy To Appropriate District Office

District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-103  
Revised July 18, 2013

WELL API NO. <b>30-045-34115</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. <b>314635</b>
7. Lease Name or Unit Agreement Name <b>NAVAJO LAKE</b>
8. Well Number <b>102</b>
9. OGRID Number <b>370292</b>
10. Pool name or Wildcat <b>BASIN FRUITLAND COAL (GAS)</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>6182' GR</b>

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well  Gas Well  Other

2. Name of Operator  
**SOUTHLAND ROYALTY COMPANY LLC**

3. Address of Operator  
**400 WEST 7th STREET, FORT WORTH, TX 76102**

4. Well Location  
Unit Letter **J** : **985** feet from the **SOUTH** line and **1002** feet from the **EAST** line  
Section **15** Township **32N** Range **06W** NMPM County **SAN JUAN**

BHL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>		OTHER: <input type="checkbox"/>	
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>			

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Set 7" CBP @ 3850' to temporarily isolate lower lateral  
Swab test upper lateral  
Return well to production upper lateral only.

OIL CONS. DIV DIST. 3

MAR 27 2017

See attached wellbore diagram for details.

Spud Date: **4/12/2007**

Rig Release Date: **8/30/2007**

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Robbie A Grigg* TITLE Regulatory Compliance DATE 3/24/2017

Type or print name Robbie A Grigg E-mail address: rgrigg@mspartner.com PHONE: 817-334-7842

**For State Use Only**  
APPROVED BY: *Bob Ball* TITLE Deputy Oil & Gas Inspector, District #3 DATE 3/31/17

Conditions of Approval (if any): AV



Southland Royalty Company

# N vajo Lake 102 San Juan County, NM

Prepared by: Savage  
Date: 01/16/2017

KB = 15 ft  
GL = 6,182 ft  
API# 30-045-34115

Spud Date: 04/12/2007  
Completion Date: 08/30/2007

Mainbore TD - 4,364 ft MD

12 1/4" to 445'.  
Surface Csg: 9 5/8" 32.3 lb/ft H-40  
Setting Depth: 433 ft kb

Cement  
250sx Class G (295 ft<sup>3</sup>)  
Circulate 20bbbls to surface

8 3/4" hole  
Intermediate Csg: 95jts 7" 23#/ft J-55  
Setting Depth: 4364 ft  
PBSD: 4315 ft

Cement  
Lead: 575sx Class B  
Tail: 125sx Type V  
Circulate 85bbbls to surface.

Liner Window: 4092' - 4100'  
6 1/2" hole to 6741 ft MD  
Prod Liner: 57 jts - 4.5" 11.6 lb/ft J-55  
Pre-perfed perms: 4311'-6465'  
Setting Depth: 6509 ft MD  
Liner Top: 4102 ft MD (2' outside window)

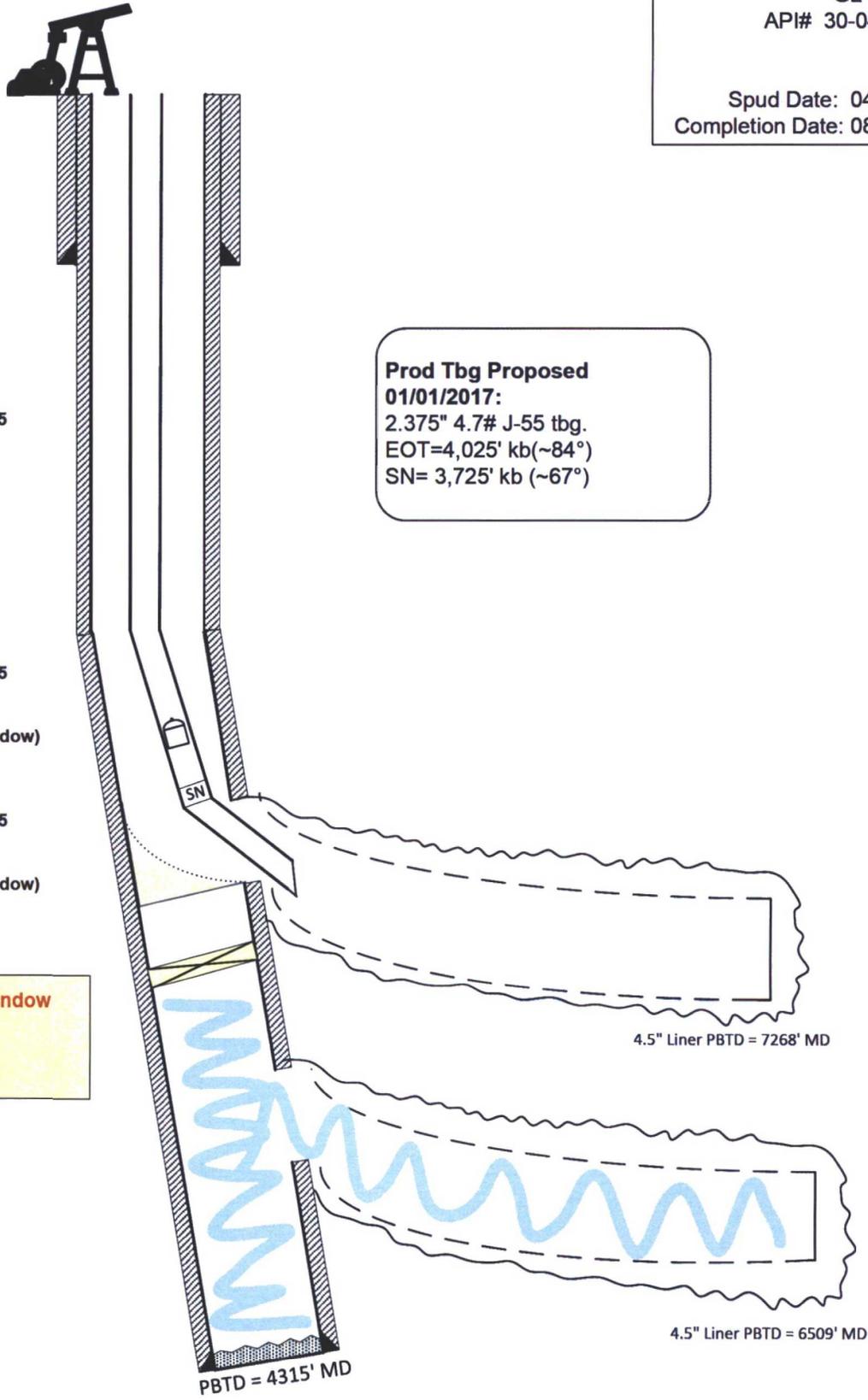
Upper Window: 3777' - 3788'  
6 1/2" hole to 7330 ft MD  
Prod Liner: 83 jts - 4.5" 11.6 lb/ft J-55  
Pre-perfed perms: 4040'-7223'  
Setting Depth: 7268 ft MD  
Liner Top: 3788 ft MD (2' outside window)

Proposed X Finder at upper window

Proposed CBP ~ 3850 ft MD  
Temp. Abandon Lower Lateral

### Prod Tbg Proposed

01/01/2017:  
2.375" 4.7# J-55 tbg.  
EOT=4,025' kb(~84°)  
SN= 3,725' kb (~67°)



4.5" Liner PBSD = 7268' MD

4.5" Liner PBSD = 6509' MD

PBSD = 4315' MD



Southland Royalty Company

# Navajo Lake 102 San Juan County, NM



Mainbore TD - 4,364 ft MD

12 1/4" to 445'.

Surface Csg: 9 5/8" 32.3 lb/ft H-40  
Setting Depth: 433 ft kb

Cement  
250sx Class G (295 ft<sup>3</sup>)  
Circulate 20bbbls to surface

8 1/4" hole  
Intermediate Csg: 95jts 7" 23#/ft J-55  
Setting Depth: 4364 ft  
PBTD: 4315 ft

Cement  
I 575sx Class B  
Tail: 125sx Type V  
Circulate 85bbbls to surface.

Lower Window: 4092' - 4100'  
6 1/4" hole to 6741 ft MD  
Prod Liner: 57 jts - 4.5" 11.6 lb/ft J-55  
Pre-perfed perfs: 4311'-6465'  
Setting Depth: 6509 ft MD  
L Top: 4102 ft MD (2' outside window)

Upper Window: 3777' - 3788'  
6 1/4" hole to 7330 ft MD  
Prod Liner: 83 jts - 4.5" 11.6 lb/ft J-55  
Pre-perfed perfs: 4040'-7223'  
Setting Depth: 7268 ft MD  
Li Top: 3788 ft MD (2' outside window)

**Prod Tbg 08/13/2015:**  
2.875" 6.5# J-55 tbg  
BP, TJ, 8'perf sub, Capstring inj mandrel, TJ, 8'perfsub,  
2.28"SN, 130 jts 2.875" tbg w/ 625 1/4" capstring.  
EOT=4,253'; SN= 4,170'.

**CoRod/Pump 05/06/2016:**  
2.5"x2"x22' RWAC (gas breaker w/ petro valves)  
5-7/8" Stabilizers, 3472' of 13/16" Corod, 1-1.25" kbar,  
23-7/8" d rods, 4' and 2' pony, 1.25"x26' PR w/ 12' liner.

Prepared by: Savage  
Date: 01/16/2017

KB = 15 ft  
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API# 30-045-34115

Spud Date: 04/12/2007  
Completion Date: 08/30/2007

PBTD = 4315' MD

4.5" Liner PBTD = 7268' MD

4.5" Liner PBTD = 6509' MD

