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Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUN 07 2017

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM78422C
2. Name of Operator SOUTHLAND ROYALTY COMPANY LLC		6. If Indian, Allottee or Tribe Name
3a. Address 400 W 7TH ST FORT WORTH, TX 76102	3b. Phone No. (include area code) (817) 334-7882	7. If Unit of CA/Agreement, Name and/or No. NMNM078422X
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SEC 24 T32N R06W 1820FSL 1635 FWL		8. Well Name and No. SAN JUAN 32-5 UNIT NP 102
		9. API Well No. 30-039-24295
		10. Field and Pool or Exploratory Area BASIN FRUITLAND COAL
		11. Country 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 checked="" 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 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 recompleate 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 recompleation 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 detennined that the site is ready for final inspection.)

Southland Royalty Co LLC proposes to isolate the lower coal perforations (3075' - 3079') with a CIBP set at approximately 3065', then RWTP producing upper coal perforations and sidetrack lateral.
Proposed start date is June 2017.

OIL CONS. DIV DIST. 3

JUN 15 2017

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Connie Blaylock		Regulatory Tech Title	
Signature <i>Connie Blaylock</i>		Date 06/06/2017	

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>Paul J. [Signature]</i>	Title PE	Date 6/12/17
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 FFO	

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)

NMOCD FV

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Southland Royalty Company

San Juan 32-5 Unit NP 102 Rio Arriba County, NM

TD - 3,098 ft MD Mainbore
TD - 4,762 ft MD Sidetrack Lateral

12 1/4" hole to 220'.
Surface Csg: 5 jts 9 5/8" 36# lb/ft K-55
Setting Depth: 220 ft kb

Cement
150sx Class G (177 ft³)
Circulated cement to surface

8 3/4" hole to 2,970'.
Production Csg: 68 jts 7" 20# K-55
Setting Depth: 2,970 ft

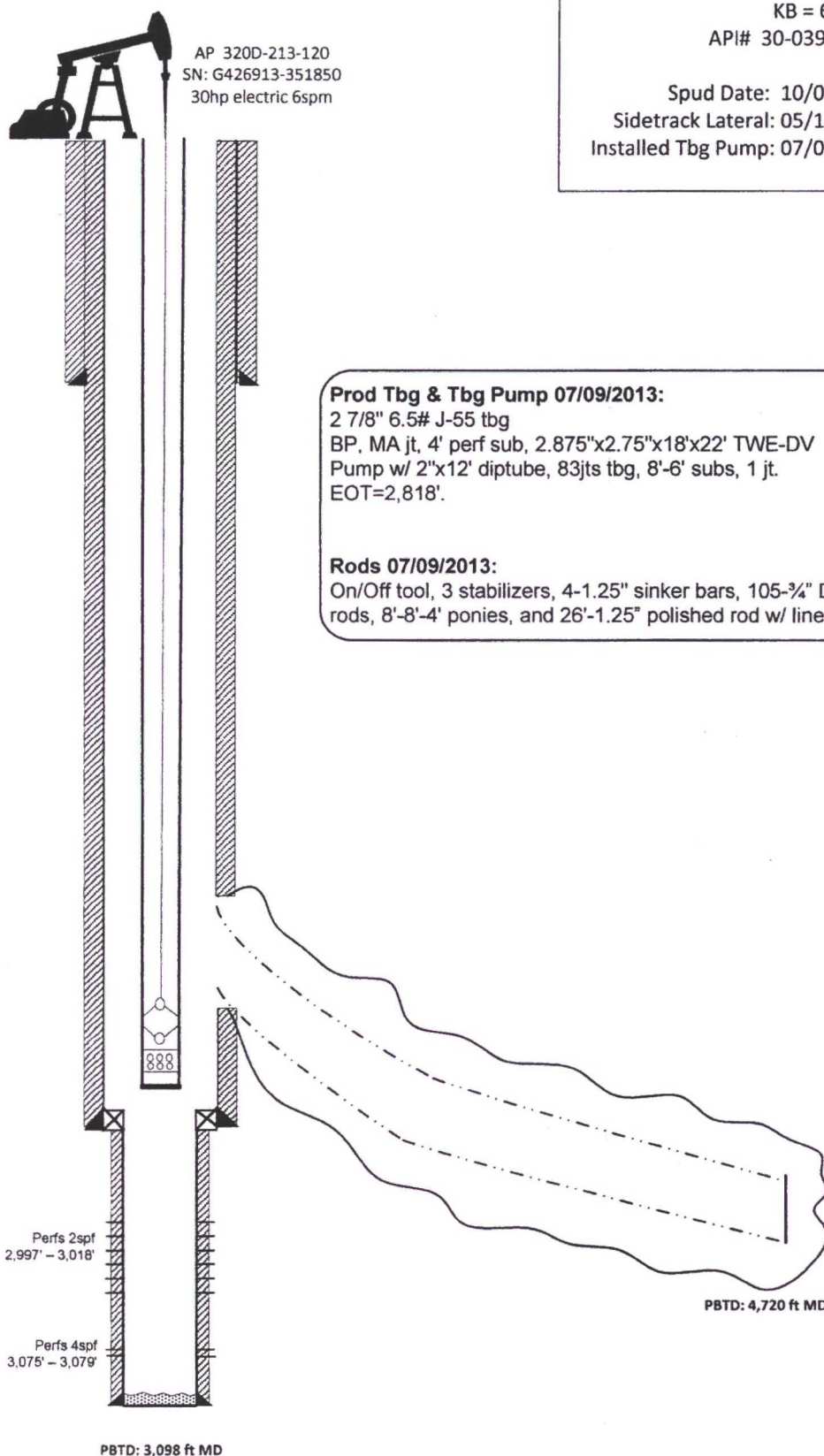
Cement
Lead: 450sx 65/35 Class B.
Tail: 100sx 50/50 Class B
Total cement 990 ft³.
Circulated 12 bbls cement to surface.

6 1/4" hole to 3,098 ft MD
Liner Csg: 7 jts 4.5" 10.5# K-55
Setting depth: 3,098 ft MD
Liner top: 2,820 ft MD (150' overlap in 7")
Perfs: 2spf 2997'-3018'; 4spf 3075'-3079'

Cement
Lead: 25sx Class B 65/35
Tail: 75sx Class B
Total cement 137 ft³.
Reverse circulated 8 bbls cmt to surface.

Mill Window: 2,765 ft - 2,784 ft
6 1/4" lateral hole to 4,762 ft MD
Liner Csg: 4.5" 11.6# J-55 LT&C preper'd liner
Setting Depth (PBTD): 4,720 ft MD.
Top of Liner: 2,758 ft MD (Baker Hook Hanger)
Perfs 8spf, 0.50" 12,448 holes: 3,078 ft - 4,634 ft

Frac Fruitland Coal 11/1988
2,997' - 3,079'
86,310 gal fluid
137,000 lbs sand



Prepared by: Savage
Date: 05/31/2017

KB = 13 ft
GL = 6,357 ft
KB = 6,370 ft
API# 30-039-24295

Spud Date: 10/05/1988
Sidetrack Lateral: 05/10/2010
Installed Tbg Pump: 07/08/2013

Prod Tbg & Tbg Pump 07/09/2013:
2 7/8" 6.5# J-55 tbg
BP, MA jt, 4' perf sub, 2.875"x2.75"x18"x22' TWE-DV
Pump w/ 2"x12' diptube, 83jts tbg, 8'-6' subs, 1 jt.
EOT=2,818'.

Rods 07/09/2013:
On/Off tool, 3 stabilizers, 4-1.25" sinker bars, 105-3/4" D
rods, 8'-8'-4' ponies, and 26'-1.25" polished rod w/ liner.



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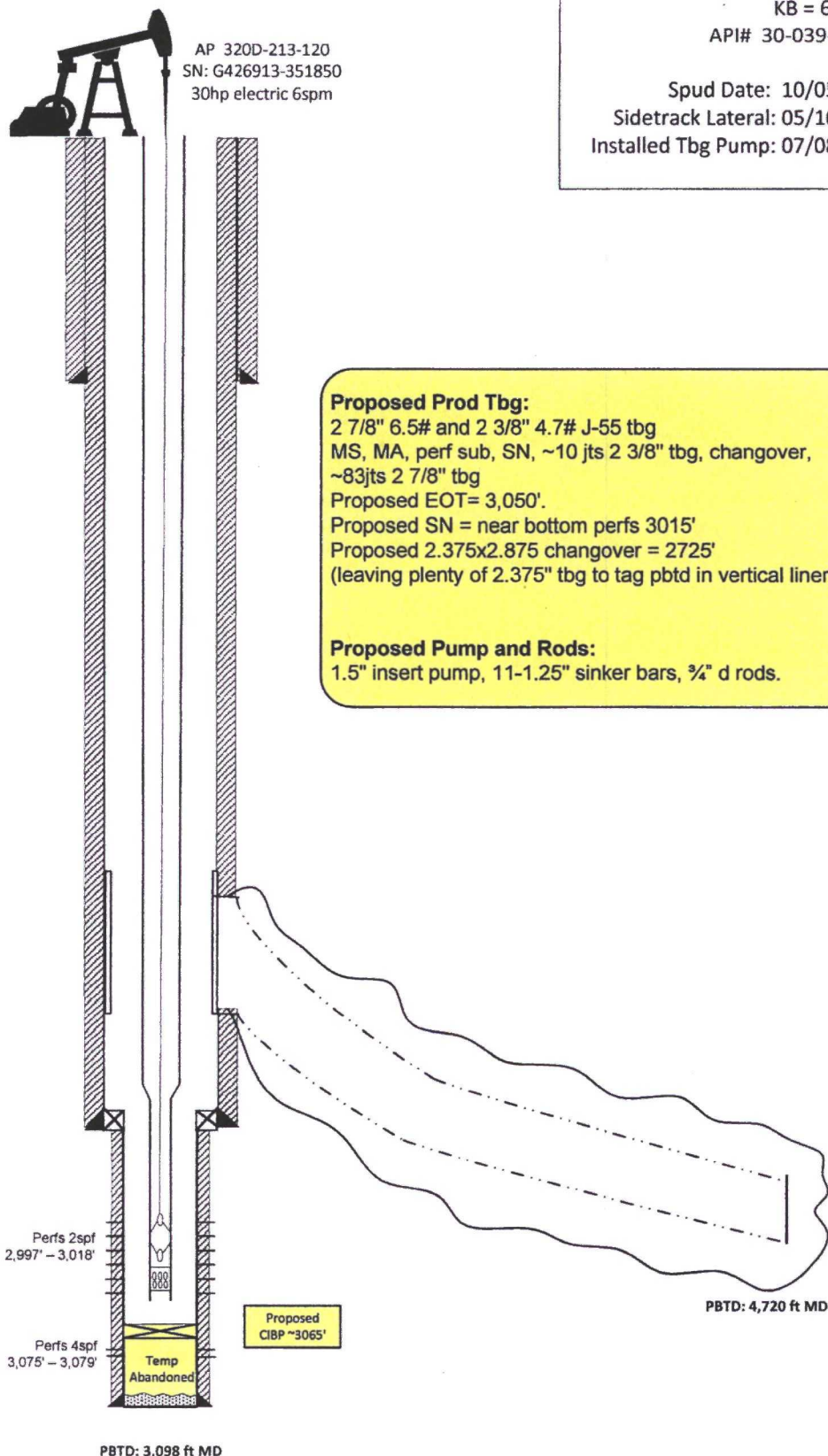
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