

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 checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. JIC15
2. Name of Operator SOUTHLAND ROYALTY COMPANY E-Mail: EKITTINGER@MSPARTNERS.COM		6. If Indian, Allottee or Tribe Name JICARILLA APACHE
3a. Address 400 W 7TH STREET FORT WORTH, TX 76102	3b. Phone No. (include area code) Ph: 817-334-8302	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 20 T23N R3W SENE 1700FNL 890FEL		8. Well Name and No. JICARILLA 15 1
		9. API Well No. 30-043-20258-00-S1
		10. Field and Pool or Exploratory Area BALLARD
		11. County or Parish, State SANDOVAL 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
BP	<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.

Southland Royalty Company LLC has plugged and abandoned the Jicarilla 15 #1 as of 10/23/2019.  
GPS location has been verified as Lat. 36.211944 and Long. -107.173889.  
Attached are the Job Summary, Final WBD, Cement Report, and CBL.

NMOC

NOV 18 2019

DISTRICT III

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #491390 verified by the BLM Well Information System For SOUTHLAND ROYALTY COMPANY, sent to the Rio Puerco Committed to AFMSS for processing by JOHN HOFFMAN on 11/12/2019 (19AMW0013SE)	
Name (Printed/Typed) CONNIE BLAYLOCK	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 11/06/2019

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

Approved By <b>ACCEPTED</b>	JOHN HOFFMAN Title PETROLUEM ENGINEER	Date 11/12/2019
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 Rio Puerco

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 \*\***



Southland Royalty Company

## Plugged & Abandoned Wellbore

GL = 7,277'  
API# 30-043-20258

Spud Date: 05/11/1977  
Date Completed: 06/20/1977

### Jicarilla 15 #1 Sandoval County, NM

TD – 3,080'; PBTD – 3,069'

12.25" hole to 127' KB.  
Surface Csg: 3 jts 8 5/8" 24# K-55  
Setting Depth: 120'

Cement  
201 ft<sup>3</sup>  
Circulated cmt to surface

6.75" hole to 3,080'  
Production Csg: 105 jts 2 7/8" 6.4# K-55  
Setting Depth: 3,080'

Cement:  
177 FT<sup>3</sup>  
**TOC @ 2,150'**

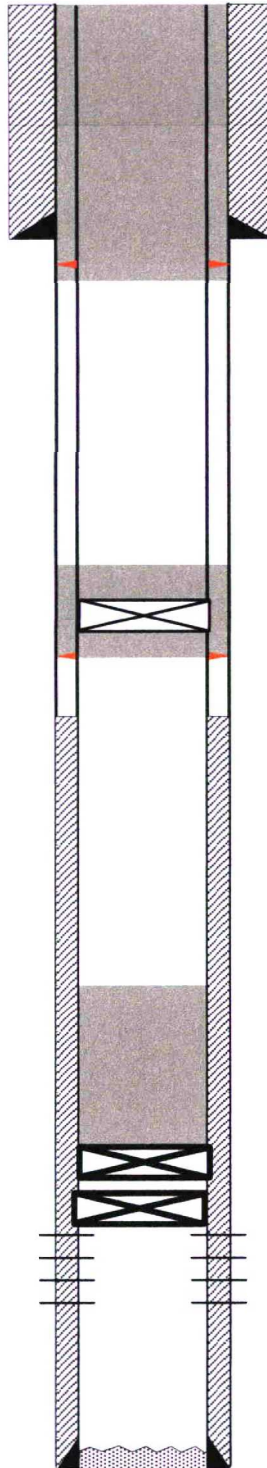
Nacimiento: 1,290'  
Ojo Alamo: 2,575'  
Kirtland: 2,730'  
Fruitland: 2,860'  
Pictured Cliffs: 2,960'

#### 06/02/1977: PERFORATIONS:

1 spf  
2967', 2972', 2981', 2985', 3024',  
3029'

#### FRAC:

2967'-3029'  
30,000# 10/20 sand  
30,400 gal Wtr  
Flushed w/ 740 gal wtr



PBTD: 3,069'

#### PLUG 3:

Squeeze holes @ 170'

CICR @ 133'

Cmt under retainer, up annulus, and inside casing w/ 90 sx Class G cmt.  
Topped off w/ 32 sx cmt.  
TOC @ Surface

#### PLUG 2:

Squeeze holes @ 1,317'

CICR @ 1,251'

Squeezed 5 sx below retainer and top of retainer w/ 10 sx Class G Cmt. Re-cemented with 12 sx Class G Cmt on top of retainer.  
Tagged TOC @ 812'

#### PLUG 1:

CIBP @ 2,845'

CIBP @ 2,924'

Top w/ 19 sx Class G Cmt.  
Tagged TOC @ 2,084'

### Job Summary for JICARILLA 15 1 PC - 3004320258

Date	Summary
10/16/2019	MOL and R/U P&A rig. Bled down well. N/D wellhead, N/U BOP and function tested. R/U wire line services. RIH with gauge ring to 2954'. P/U CIBP, RIH and set at 2924'. Shut-in well for the day. Mike Gilbreath was BLM inspector on location.
10/17/2019	TIH with tubing to tag CIBP but tagged up at 2849'. R/U cementing services. Attempted to circulate the wellbore with 30 bbls of fresh water but was unsuccessful. Attempted to work tubing but made no progress down hole. TOO H with tubing. BLM/NMOCD approved setting another CIBP at 2845'. R/U wire line services. RIH and set at 2845'. R/U cementing services. Pumped plug #1 from 2845'-2173' to cover the Pictured Cliffs perforations and formation top and Fruitland, Kirtland, and Ojo Alamo formation tops. WOC overnight. Mike Gilbreath was BLM inspector on location.
10/18/2019	TIH and tagged plug #1 top at 2084'. R/U wire line services. RIH and tagged up at 1678'. Attempted to make it deeper in wellbore but was unsuccessful. Ran CBL from tag point at 1678' to surface. CBL results were sent to BLM/NMOCD office for review. Shut-in well for the day. Mike Gilbreath was BLM inspector on location.
10/21/2019	R/U wire line services. RIH and perforated squeeze holes at 1317'. P/U CR, RIH and set at 1251'. TIH with tubing and stung into CR. Attempted to establish injection rate through CR at 1251' and into perforations at 1317' but was unsuccessful. BLM/NMOCD approved spotting balanced plug on top of CR at 1251'. R/U cementing services. Pumped 5 sx of cement under CR at 1251', stung out of CR and spotted 10 sx on top of CR to cover Nacimiento formation top. WOC 4 hours. TIH to tag plug #2 top but tripped all the way to CR at 1251'. Cement plug had not setup. Circulated out cement plug and circulated wellbore clean. R/U cementing services. Pumped 12 sx of cement on top of CR from 1251'-837' to cover the Nacimiento formation top. WOC overnight. Mike Gilbreath was BLM inspector on location.
10/22/2019	TIH and tagged plug #2 top at 812'. RIH and perforated squeeze holes at 170'. P/U CR, RIH and set at 133'. R/U cementing services. Successfully established circulation down through CR at 133' and perforations at 170' and back around and out Bradenhead valve at surface. Successfully circulated cement down through CR at 133' and perforations at 170' and back around and out Bradenhead valve at surface. WOC overnight per BLM inspector. Shut-in well for the day. Mike Gilbreath was BLM inspector on location.
10/23/2019	TIH and tagged surface plug at 63'. N/D BOP and cut-off wellhead. Installed P&A marker per BLM/NMOCD standards. Cement was 2' down in surface casing. Ran ¾" poly pipe down 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. Mike Gilbreath was BLM inspector on location.





## Treatment Report 2

**Customer:** DWS "SOUTHLAND"  
**Well Name:** JICARILLA 15 #1  
**Job Type:** P&A  
**State:** NM  
**County:** SANDOVAL  
**API:** 30-043-20258  
**Legals:**

**Drake Energy Services**  
 607 West Pinon Street  
 Farmington NM, 87401  
 Office: (505) 327-7301  
 Fax: (505) 327-7304  
**DATE:** 10/21/2019

**OH Size:**  
**Casing Size:** 2.875"  
**Tubing Size:** 1.25"

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
10/21/2019	10:43	0	CMT	250	0	SHUT DOWN STING OUT OF CR
	10:43	1	H2O	60	0.5	DISPLACE 1 BBL H2O
	15:00					DIDN'T TAG TOC, TAG @ 1251' "CR"
	15:05	15	H2O	140	1.5	CIRCULATE WELLBORE CMT DIDN'T SETUP IN WELLBORE, CEMENT SETUP ON SURFACE
						SAMPLES, SET UP TO RESPOT CMT PLUG
	16:40	2	H2O	129	1.5	CIRCULATE WELL 2 BBLs
	16:42	0	H2O	0	0	SHUT DOWN BATCH MIX CMT
	16:52	2.4	CMT	107	1	2.4 BBLs / 12 SACKS CMT @ 15.8
	16:56	1	H2O	80	0.5	DISPLACE 1 BBL H2O
	17:00					SHUT DOWN
10/22/2019						
	7:00					TAG TOC @ 812'
	8:20	3	H2O	120	1	CIRCULATE WELL 3 BBLs
	8:25	2.5	H2O	150	1	PRESSURE Test Casing "failed"
	8:51					PERF HOLES @ 170", SET CR
	10:07	12	H2O	156	1	INJECTION TEST, CIRCULATE OUT BRADEN
	10:25	0	H2O	0	0	SHUT DOWN, BATCH MIX CMT
	10:31	11.8	CMT	110	1	11.8 BBLs / 58 SACKS CMT @ 15.8
	10:55	0	CMT	0	0	SHUT DOWN CMT @ SURFACE
						1 bbls CMT Braden Head/ .5 bbl Casing
						SHUT DOWN, WOC OVERNIGHT
10/23/2019						
	7:15					TAG TOC @ 2' ANNULAR 63' CASING
	9:00	6.5	CMT	0	0	TOP OFF WELL 6.5 BBLs/ 32 SACKS @ 15.8
TOTAL:						

Supervisor Signature