

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.
JIC110

6. If Indian, Allottee or Tribe Name
JICARILLA APACHE

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

8. Well Name and No.
JICARILLA 110 12

9. API Well No.
30-039-06476-00-S1

10. Field and Pool or Exploratory Area
SOUTH BLANCO

11. County or Parish, State
RIO ARRIBA COUNTY, NM

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
SOUTHLAND ROYALTY COMPANY

Contact: ERIC KITTINGER
E-Mail: EKITTINGER@MSPARTNERS.COM

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 17 T26N R5W NESW 1650FSL 1650FWL
36.484263 N Lat, 107.386149 W Lon

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 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 110 #12 as of 10/28/2019. GPS coordinates of the location have been verified to be Lat. 36.483611, Long. 107.385000. Attached are the Job Summary, Final WBD, Cement Reports, and CBL.

NMOC
NOV 18 2019
DISTRICT III

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #491437 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 (19AMW0012SE)

Name (Printed/Typed) CONNIE BLAYLOCK Title REGULATORY ANALYST

Signature (Electronic Submission) Date 11/07/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED** JOHN HOFFMAN Title PETROLUUM 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 ****

AV

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Job Summary for JICARILLA 110 12 - 3003906476

Date	Summary
10/23/2019	MOL and R/U P&A rig. Recorded wellbore pressures and bled down well. Shut-in well for the day. Bill Diers was BLM inspector on location.
10/24/2019	Recorded wellbore pressures and bled down well. N/U BOP and function tested. TOO H with tubing. P/U casing scraper and work string round tripped. P/U CR, TIH and set at 3090'. Attempted to pressure test casing. TOO H with tubing. Shut-in well for the day. William Diers was BLM inspector on location.
10/25/2019	RIH and tagged CR at 3090'. Ran CBL from CR at 3090' to surface. CBL results were sent to BLM/NMOCD offices for review. TIH with cementing sub on work string. R/U cementing services. Pumped plug #1 from 3090'-2438' to cover the Pictured Cliffs perforations and formation top and Fruitland, Kirtland, and Ojo Alamo formation tops. WOC 4 hours. TIH and tagged plug #1 top at 2515'. R/U wire line services. RIH and perforated squeeze holes at 1318'. P/U CR, TIH and set at 1268'. Successfully established injection rate through CR at 1268' and into perforations at 1318'. R/U cementing services. Squeezed 21 sx of cement through CR at 1268' and into perforations at 1318'. Stung out of CR and spotted 29 sx of cement inside 5.5" production casing. WOC over the weekend. Shut-in well. William Diers was BLM inspector on location.
10/28/2019	TIH and tagged plug #2 top at 1100'. R/U wire line services. RIH and perforated squeeze holes at 155'. R/U cementing services. Successfully established circulation down through perforations at 155' and back around and out Bradenhead valve at surface. Successfully circulated cement down through perforations at 155' and back around and out Bradenhead valve at surface. N/D BOP and cut-off wellhead. Installed P&A marker per BLM/NMOCD standards. Ran weighted tally tape down 5.5" production casing and tagged cement 21' down, cement was 2' down in surface casing. Ran weighted tally tape down 5.5" production casing and topped-off both casings with 50 sx of cement. Photographed the P&A marker in place and recorded its location via GPS coordinates. R/D and MOL. William Diers was BLM inspector on location.



Treatment Report 1

Customer: DRAKE WELL SERVICES
Well Name: JICARILLA 110 #12
Job Type: P&A
State: NM
County: RIO ARRIBA
API: 30-039-06476
Legals:

Drake Energy Services
 607 West Pinon Street
 Farmington NM, 87401
 Office: (505) 327-7301
 Fax: (505) 327-7304
DATE: 10/28/2019

OH Size:

Casing Size: 5.5"	DENISTY	YIELD	MIX WATER
Tubing Size: 2.375"	CEMENT 15.8	1.14	4.96

Date	Time	Volume of Fluid Pumped	Fluid Type	Pressure	Rate	Event
<i>mm/dd/yy</i>	<i>h:mm</i>	<i>bbls</i>	<i>name</i>	<i>psi</i>	<i>bpm</i>	<i>Description of operation and fluid pumped</i>
10/25/2019	7:00					ARRIVE TO LOCATION
	10:30					SAFETY MEETING
	11:05	0	H2O	1500	0	PRESSURE TEST LINES @ 1500 PSI
	11:19	5	H2O	74	1.7	CIRCULATE WELL 5 BBLs
	11:22	0	H2O	0	0	SHUT DOWN BATCH MIX CMT
	11:36	15.5	CMT	60	1.5	15.5 BBLs / 77 SACKS CMT @ 15.8
	11:42	9	H2O	56	1	DISPLACE 9 BBLs
	11:47	0	H2O	0	0	SHUT DOWN, PULL TUBING, WOC
	16:00	0	H2O	0	0	TAG TOC @ 2515'
	17:46	5	H2O	621	1	INJECTION TEST 1 bpm @ 621 psi
	17:50	0	H2O	0	0	SHUT DOWN BATCH MIX CMT
	18:01	10	CMT	580	1	10 BBLs / 50 SACKS CMT @ 15.8
	18:12	0.7	H2O	540	0.5	DISPLACE .7 BBL
	18:13	0	H2O	390	0	STING OUT CR
	18:13	2	H2O	100	1	DISPLACE 2 BBLs
	18:15	0	H2O	0	0	SHUT DOWN, PULL TUBING
10/28/2019						
	7:30					ARRIVE ON LOCATION
	8:30					TAG TOC @ 1100', PERF
	9:55	15	H2O	120	1.6	CIRCULATE, BRADEN HEAD 15 BBLs
	11:23	0	H2O	0	0	SHUT DOWN, BATCH MIX CMT
	11:30	10	CMT	134	1.8	10 BBLs / 50 SACKS CMT @ 15.8
	11:38	0	CMT	0	0	SHUT DOWN, 1 BBL CMT @ SURFACE
	13:30	10	CMT	15	0.5	10 BBLs / 50 SACKS CMT @ 15.8
						TOP-OFF
TOTAL:	14:47	82.2				

Supervisor Signature



Southland Royalty Company

Plugged and Abandoned Wellbore

KB = 6,674'
GL = 6,665'
API# 30-039-06476

Spud Date: 10/29/1957
Date Completed: 12/24/1957

Jicarilla 110 #12 Rio Arriba County, NM

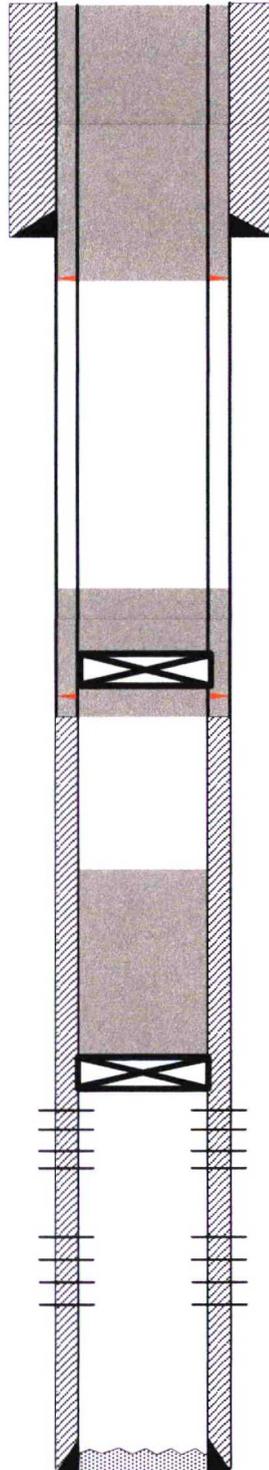
TD - 3,261'; PBD - 3,225'

10.5" hole to 103' KB.
Surface Csg: 5 jts 8 5/8" 24# J-55
Setting Depth: 103'

Cement
70 Sx
Circulated to surface

7.25" hole to 3,261'
Production Csg: 97 jts 5.5", 15.5# J-55
Setting Depth: 3,260'
100sx cement
TOC Unknown

12/08/1957
3139'-3173' & 3190'-3208'
4 spf
Sandfracured with 24,600 gal
water & 30,000# sand. Flushed
with 3,400 gal water
Dropped 100 rubber balls during
treatment



PLUG 3:

Squeeze Perfs @ 155'
Cemented w/ 100 sx Class G Cement in
annulus and inside casing to surface.
Topped off w/ 50 sx cmt.

PLUG 2:

Squeeze Perfs @ 1,318'
CICR @ 1,268'
Squeezed 21 sx Class G Cmt below CICR, and
spotted 29 sx cmt on top.
Tagged TOC @ 1,100'

PLUG 1:

CICR @ 3,090'
77 sx Class G cmt on top
Tagged TOC @ 2,515'

PBD: 3,225'