

Form 3160-5  
(June 2015)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.**5. Lease Serial No.  
NMNM25445

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 ☐ Other8. Well Name and No.  
SOUTH BISTI 17 O 1

2. Name of Operator

DJR OPERATING LLC

Contact: SHAW-MARIE FORD

E-Mail: sford@djrlc.com

9. API Well No.  
30-045-28380-00-S1

3a. Address

1600 BROADWAY SUITE 1960  
DENVER, CO 80202

3b. Phone No. (include area code)

Ph: 505-632-3476

10. Field and Pool or Exploratory Area  
BISTI LOWER GALLUP

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

Sec 17 T25N R12W SWSE 0950FSL 2235FEL  
36.396454 N Lat, 108.132690 W Lon

11. County or Parish, State

SAN JUAN 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 <i>BP</i>	<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.

The subject well was Plugged & Abandoned on August 7, 2020 per the attached End of Well Report, Wellbore Diagram and Marker.

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

**Electronic Submission #526318 verified by the BLM Well Information System**  
**For DJR OPERATING LLC, sent to the Farmington**  
**Committed to AFMSS for processing by JOE KILLINS on 08/28/2020 (20JK0335SE)**

Name (Printed/Typed) SHAW-MARIE FORD

Title REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 08/19/2020

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

Approved By

**ACCEPTED**JOE KILLINS  
Title ENGINEER

Date 08/28/2020

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 \*\***

**Revisions to Operator-Submitted EC Data for Sundry Notice #526318**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Sundry Type:	ABD SR	ABD SR
Lease:	NMNM25445	NMNM25445
Agreement:		
Operator:	DJR OPERATING LLC 1 ROAD 3263 AZTEC, NM 87410 Ph: 505-632-3476	DJR OPERATING LLC 1600 BROADWAY SUITE 1960 DENVER, CO 80202 Ph: 303-595-7433
Admin Contact:	SHAW-MARIE FORD REGULATORY SPECIALIST E-Mail: sford@djrlc.com  Ph: 505-632-3476	SHAW-MARIE FORD REGULATORY SPECIALIST E-Mail: sford@djrlc.com  Ph: 505-632-3476
Tech Contact:	SHAW-MARIE FORD REGULATORY SPECIALIST E-Mail: sford@djrlc.com  Ph: 505-632-3476	SHAW-MARIE FORD REGULATORY SPECIALIST E-Mail: sford@djrlc.com  Ph: 505-632-3476
Location:		
State:	NM	NM
County:	SAN JUAN	SAN JUAN
Field/Pool:	BISTI LOWER GALLUP	BISTI LOWER GALLUP
Well/Facility:	SOUTH BISTI 17 O 1 Sec 17 T25N R12W SWSE 950FSL 2235FEL 36.396500 N Lat, 108.133300 W Lon	SOUTH BISTI 17 O 1 Sec 17 T25N R12W SWSE 0950FSL 2235FEL 36.396454 N Lat, 108.132690 W Lon

## FINAL as Plugged Wellbore Diagram after Drillout and Repair

## DJR Operating, LLC

South Bisti 17 O 1

API # 30-045-28380

SW/SE, Unit O, Sec 17, T25N, R12W  
San Juan County, NM

GL	6267'
KB	6280'
Spud Date	10/13/1990

**SURF CSG**

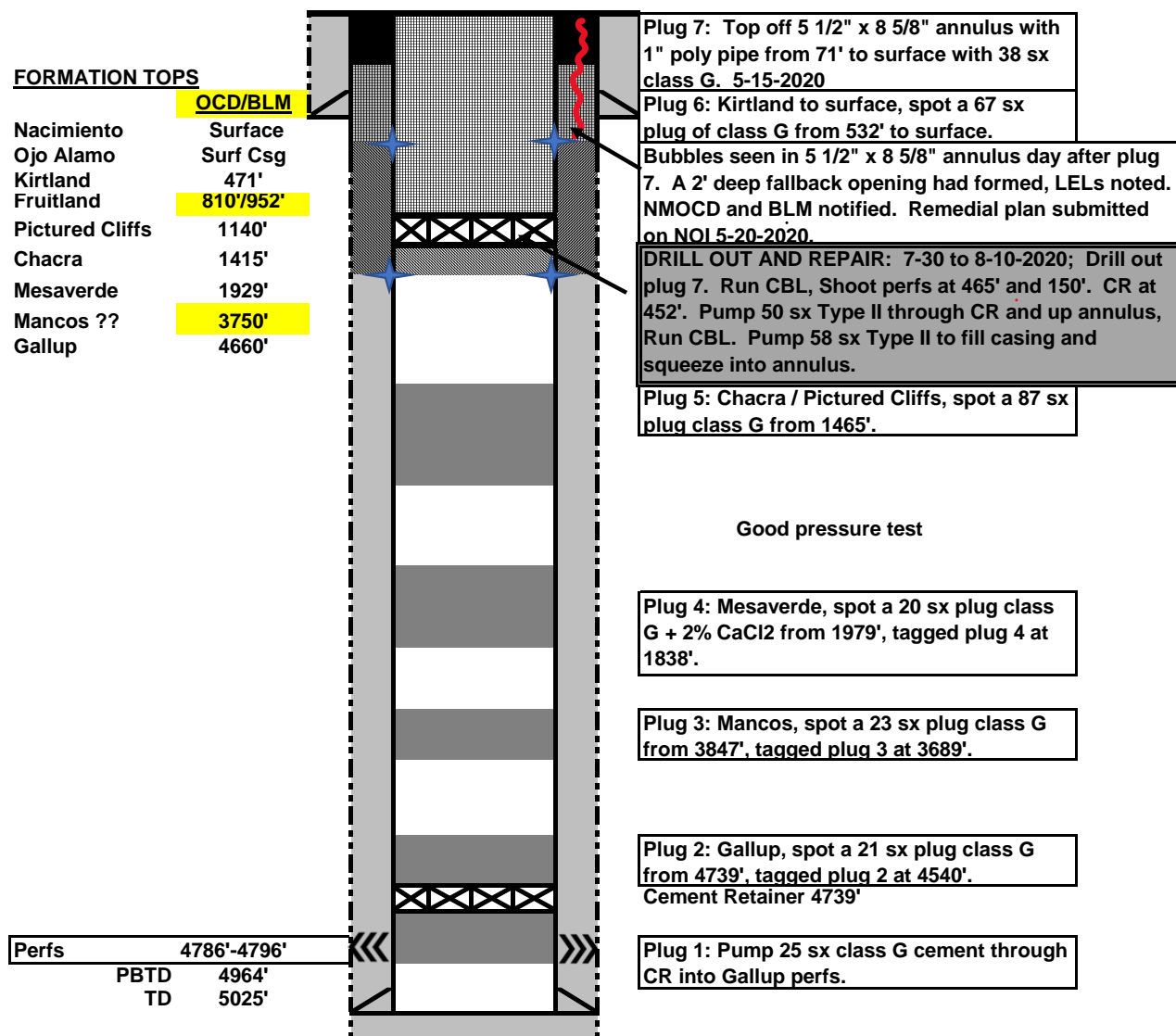
Hole size	12.25"
Csg Size:	8.625"
Wt:	24#
Grade:	J-55
ID:	8.097"
Depth	362
Csg cap ft <sup>3</sup> :	0.3576
Csg/OH ft <sup>3</sup> :	0.4127
TOC:	Surf

**FORMATION TOPS**

	<b>OCD/BLM</b>
Nacimiento	Surface
Ojo Alamo	Surf Csg
Kirtland	471'
Fruitland	<b>810'/952'</b>
Pictured Cliffs	1140'
Chacra	1415'
Mesaverde	1929'
Mancos ??	<b>3750'</b>
Gallup	4660'

**PROD CSG**

Hole size	7.875"
Csg Size:	5.5"
Wt:	15.5#
Grade:	K-55
ID:	4.95"
Depth	5010'
Csq cap ft <sup>3</sup> :	0.1336
Csg/Csg ft <sup>3</sup> :	0.1926
Csg/OH ft <sup>3</sup> :	0.1733
TOC:	Surf



**Plug and Abandonment End of Well Report**  
**for**  
**DJR Operating, LLC**  
**South Bisti 17 O 1**  
**API # 30-045-28380**  
**SW/SE, Unit O, Sec. 17, T25N, R12W**  
**San Juan County, NM**

3-16-2020:

MIRU prep rig. Pull rods and tubing. While unsetting the TAC, the tubing parted, was very badly corroded. RDMO will fish later.

5-04 & 05-2020:

MIRU rig and equipment to fish parted tubing. Recovered the remaining tubing and TAC from the wellbore. Bit and scraper run to 4739'. Well is ready to plug.

5-12-2020:

NMOCD and BLM notified of planned plugging operations for 5-14-2020.

5-14 & 15-2020:

MIRU rig and cement equipment. SICP = 0 psi, BH = 10 psi. TIH with 5 ½" cement retainer, set at 4739'. Load with 60 bbl and roll the hole. Attempt to test casing, no test.

PLUG 1: GALLUP. Mix and pump 25 sx Class G cement through cement retainer to Gallup perfs.

PLUG 2: GALLUP. Mix and pump balanced plug with 21 sx Class G cement from 4739', pull 12 stands, WOC 3 hr. Tagged Plug 2 at 4540'.

PLUG 3: MANCOS. Pull up to 3847'. Load hole with 3 bbl, roll the hole. Tested the casing, no test. Mix and pump balanced plug with 23 sx Class G cement from 3847', pull 12 stands, WOC Overnight. Tagged Plug 3 at 3689'.

PLUG 4: MESAVERDE. Pull up to 1979'. Load hole with 5 bbl, roll the hole. Tested the casing, no test. Mix and pump balanced plug from 1979' with 20 sx Class G + 2% CaCl<sub>2</sub> cement. Pull 12 stands, WOC 3 hrs. Tagged Plug 4 at 1838'.

PLUG 5; CHACRA / PICTURED CLIFFS. Pull up to 1465'. Load hole with 2 bbl, roll the hole. Tested the casing to 880 psi, good test. Mix and pump balanced plug from 1465' with 87 sx Class G cement. TOO H with tubing, remove tagging sub.

PLUG 6: KIRTLAND to SURFACE. TIH with tubing to 532', spot balanced plug from 532' with 67 sx Class G cement. Circulation throughout, cement circulation to surface. TOO H.

Cut off WH. Welded P&A marker on casing. It was noted that there were bubbles emitting from the 5 1/2" x 8 5/8" annulus. An LEL test showed no LELS. The TOC in the annulus was measured with a plumb bob and tape, TOC was found to be 71' on one side and 33' on the other side. NMOCD was notified of the situation. Approval was given to top off the annulus with a 1" poly line. BLM concurred.

PLUG 7: Top off plug. Mix and pump 38 sx class G cement with 1" poly pipe into annulus. SD overnight. Checked for fallback next morning. There was a small hole present from fallback, an attempt was made to measure the depth, but the hole was like a "worm hole" and tape could only penetrate 2'. LELS readings were taken, setting off alarm. BLM was present on location, NMOCD was notified. Decision was made to RDMO and monitor the fallback hole. Over the next several days LEL readings were taken and the LEL levels remained high and bubbles continued. Rig released 5-16-2020.

7-23-2020:

MIRU backhoe, excavate around casing to allow the setting of a cellar. Set a 6' dia x 8' long culvert for a cellar, back fill soil around the cellar. Cut off the existing P&A marker, the 8 5/8" casing and the 5 1/2" casing. Install a temporary WH and extend the 5 1/2" casing to the surface with a flange on top. Install a pipe to bring the new BH to surface. Check the gas flow from the BH, had high LEL levels and small gas flow.

7-30 to 8-4-2020:

MIRU rig and equipment. Drill out the 5 1/2" casing plug from surface to 530', trip down to tag plug at 765'. Load and roll the hole. MIRU logging truck, run CBL log from 760' to surface. Found TOC outside 5 11/2" casing at 487'. (previous cement in 5 1/2" x 8 5/8" annulus was found at surface to 84', effectively blocking circulation up the annulus. There was a small channel that would allow minor gas flow and very limited water flow).

After consulting with BLM and NMOCD it was decided to perforate squeeze holes at 465' (attempt to establish injection into the holes at 465', no injection).

Perforated suicide squeeze holes at 150'. Set cement retainer at 452'. Establish circulation with water at 1000 psi and 1 bpm down tubing, through retainer and up annulus, no returns seen at surface. Mixed and pumped 50 sx Type II cement through retainer and up annulus, slight blow at surface but no circulation. SDON. Run CBL log from 450' to surface, found good cement from 450' to 408' and some cement up to the holes at 150', (top of Kirtland at 471'). No BH pressure or flow.

Consulted with BLM and NMOCD. Approval received to fill 5 ½" casing with cement and pressure up to squeeze into formation as much as possible. Attempted to pump into holes at 150' with water while watching for flow at BH, no injection, just leak off, no flow at BH. Reversed the process, attempting to pump into BH while watching for flow from casing, no injection, just leak off, but did see a small trickle of water come out of casing.

TIH with tubing to 450', mixed and placed 55 sx Type II cement from 450' to surface. TOOH, top off with Type II cement, close rams, squeeze 3 sx cement into casing, hesitate squeezing for 30 min. There was a very slight water trickle out of BH. SD and monitor BH pressure had ½ to 1 psi on BH and very slight puff of air/gas. BLM and NMOCD ok to cut off WH and monitor the 5 ½" x 8 5/8" annulus before installing P&A marker and covering casing stubs with cement.

8-5 to 8-7-2020:

The BH was monitored for any signs of air/gas bubbles. No bubbles were noted and approval to finish the installation of the P&A marker and covering of casing stubs with cement was obtained from BLM and NMOCD.

Welded the P&A marker to the casing stubs. MIRU cement truck, placed a 20" high piece of metal drum around the casing stubs and filled with Type II cement.

8-10-2020:

MI backhoe, excavate around cellar culvert, remove culvert, fill cellar area with native soil and level.

**Note: All cement was Class G cement mixed at 15.8 ppg, yield 1.15 cu ft / sx. Or Type II cement mixed at 15.6 ppg, yield 1.18 cu ft / sx.**

**Casey Arnett BLM inspector on location. Monica Kuehling NMOCD by phone.**

**As P&A'd WBD and marker photo are attached.**

**GPS coordinates; Lat 36.396497, Long -108.133393**









**District I**

1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**

811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 22020

**CONDITIONS OF APPROVAL**

Operator:	DJR OPERATING, LLC	1 Road 3263	Aztec, NM87410	OGRID:	371838	Action Number:	22020	Action Type:	C-103P
OCD Reviewer									Condition
ahvermersch									None