

Well Name: SOUTH BISTI 21 H	Well Location: 36.388493 / -108.114419	County or Parish/State: SAN JUAN / NM
Well Number: 2	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMSF078065	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004534131	Well Status: Abandoned	Operator: DJR OPERATING LLC

Subsequent Report

Sundry ID: 2707067

Type of Submission: Subsequent Report

Date Sundry Submitted: 12/13/2022

Date Operation Actually Began: 12/01/2022

Type of Action: Plug and Abandonment

Time Sundry Submitted: 10:47

Actual Procedure: The subject well was Plugged & Abandoned on 12/01/2022 per the attached End of Well Report, Wellbore Diagram, and Marker.

SR Attachments

Actual Procedure

01_EOWR_BLM_Submittal_20221213104708.pdf

Well Name: SOUTH BIST 21 H	Well Location: 36.388493 / -108.114419	County or Parish/State: SAN JUAN / NM
Well Number: 2	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMSF078065	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004534131	Well Status: Abandoned	Operator: DJR OPERATING LLC

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: MARYA COLLARD	Signed on: DEC 13, 2022 10:47 AM
Name: DJR OPERATING LLC	
Title: Regulatory Technician	
Street Address: 1 ROAD 3263	
City: AZTEC	State: NM
Phone: (505) 634-6722	
Email address: MCOLLARD@DJRLLC.COM	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647742	BLM POC Email Address: krennick@blm.gov
Disposition: Accepted	Disposition Date: 12/16/2022
Signature: Kenneth Rennick	

DJR Operating, LLC
P&A End of Well Report
South Bisti 21 H 2
API # 30-045-34131
SW/NE Unit G. Sec 21, T25N, R12W
San Juan County, NM
Spud Date: 6-27-2008
Plug Date: 12-1-2022

12-2 & 3-2020:

MIRU rig and equipment. SITP = 0, SICP = 0, BH = 60. Hot oil rods and tubing. Pull rods and tubing. Release rig.

1-25-2022:

MIRU rig and equipment. SITP = N/A, SICP = 0, BH = 120.

ND WH, NU BOP. TIH with bit and string mill on 2 3/8" workstring to 4860'. TOOH.

1-26-2022:

SICP = 0, BH = 120. TIH with retainer to 4707'. Load and roll hole. PT casing, good test.

P&A Plug 1: Gallup perforations and formation top: Mix and pump 15 sx through retainer and into perforations. Sting out of retainer and spot balanced plug of 30 sx above retainer. TOOH take off retainer stinger. TIH to 3767'.

P&A Plug 2: Mancos formation top: Mix and pump balanced plug of 20 sx from 3767' to 3595'. Pull up to 2200'.

P&A Plug 3: Mesa Verde and Chacra formation tops: Mix and spot balanced plug of 102 sx from 2200' to 1352'. Pull up to 1132'.

P&A Plug 4: Pictured Cliffs formation top: Mix and spot balanced plug of 20 sx from 1132' to 960'. Pull up to 816'.

P&A Plug 5: Fruitland: Mix and spot balanced plug of 20 sx from 816' to 644'. TOOH.

1-27-2022:

SICP = 0, BH = 10. RIH, perforate holes at 600'. POOH. Establish rate into holes, no flow of blow at BH. TIH, set retainer at 550'.

P&A Plug 6: Kirtland formation top: Mix and pump plug of 40 sx, (28 through retainer and out perforations and 12 sx above retainer). Reversed out at 450'. TOOH. BH had 10 psi, opened and bled off, SI well for 2 hr BH test. BH built up to 50 psi, bled off to 0. SI and built back to 50 psi. Left BH open to pit over weekend as per NMOCD.

1-31-2022:

BH had slight blow. Installed digital gauge on BH; 15 min, 26 psi, 30 min, 33 psi, 60 min, 44 psi, 2 hr, 58 psi.

RIH ran CBL one run with 0 psi on casing, and 1 run with 550 psi on casing.

Decision made as per NMOCD request to vent BH to a tank and monitor well for a period of time. MIRU flow back tank. Hooked up BH to flow back tank.

ND BOP, NU WH.

Release Rig. Well BH venting to tank and periodically monitored.

11-22-2022:

MIRU rig and equipment. SITP = N/A, SICP = 0, BH = 0.

RIH, perforate holes at 400'. POOH.

Establish rate into holes at 1100 psi, no flow or blow at BH. TIH with retainer and set retainer at 379'.

P&A Plug 7: Mix and pump 12 sx through retainer into formation. No flow or blow out BH. RIH, perforate holes at 230'. POOH.

Establish rate into holes at 1200 to 1500 psi, no flow or blow out BH. SD, wait on decision.

11-23-2022:

TIH with retainer, set retainer at 222'.

P&A Plug 8: Mix and pump 12 sx through retainer and into formation. No flow or blow out BH. SD for holiday weekend.

11-28-2022:

RIH, perforate holes at 100'. POOH. Could not circulate out BH. RIH, perforate at 50'.

POOH. Could not circulate out BH.

Attempt to establish rate, were able to squeeze some water into perforations at 1100-1200 psi. SD, discussed options with BLM and NMOCD. Plan approved by all parties to TIH with tubing, fill hole with cement and then close in and squeeze as much cement as possible into the perforations. TIH with workstring, tagged up at 199'.

P&A Plug 9: Mixed and spot plug of 38 sx, close in and were able to squeeze 4 sx into perforations. TOOH.

ND BOP, Cut off WH. TOC at surface in casing and 6" in annulus. There was a little water above the annulus TOC and a few small bubbles were noted.

Calls were made to DJR office, BLM and NMOCD. The decision was made not to top off, the annulus would be monitored for a few days before topping off.

Released rig.

12-1-2022:

The annulus was observed daily, no more bubbles were noted. The P&A marker was installed and the cellar was topped off with 5 sx.

The cement used for Plugs 1 through 6 was Class G mixed at 15.8 ppg, yield 1.15 cu ft/sx.

The cement used for the Plugs 7 to top off was Type II/V mixed at 15.0 ppg, yield 1.29 cu ft/sx.

Regulatory representatives: Wanda Weatherford, Clayton Yazzie and Tyler Offerly, BLM with Monica Kuehling NMOCD via phone.

GPS Coordinates: Lat; 36.388493 N, Long; 108.114419 W

DJR Operating, LLC
P&A Marker
South Bisti 21 H 2
API # 30-045-34131
SW/NE Unit G. Sec 21, T25N, R12W
San Juan County, NM
Spud Date: 6-27-2008
Plug Date: 12-1-2022



**End of Well Report
DJR Operating, LLC
South Bisti 21 H 2**

API # 30-045-34131
SW/NE, Unit G, Sec 21, T25N, R12W
San Juan County, NM

GL 6288'
KB 6300'
Spud Date 6/27/2008

SURF CSG

Hole size 12.25"
Csg Size: 8.625"
Wt: 24#
Grade: J-55
ID: 8.097"
Depth 386'
Csg cap ft³: 0.3576
TOC: Surface

FORMATION TOPS

Nacimiento
Ojo Alamo
Kirtland
Fruitland
Pictured Cliffs
Chacra
Mesa Verde
Mancos
Gallup

Surface
N/A
535'
766'
1068'
1452'
2150'
3702'
4562'

PROD CSG

Hole size 7.875"
Csg Size: 5.5"
Wt: 15.5#
Grade: J-55
ID: 4.95"
Depth 4980'
Csg cap ft³: 0.1336
Csg/Csg Ann ft³: 0.1926
Csg/OH cap ft³: 0.1732
TOC: Surface

DV tool at 3471'. TOC @ DV Tool

DV Tool 3471'
Cement Circ to surface on
both stages.

Perfs 4731-4810'

PBTD 4937'
TD 5000'

12-1-2022: No bubbles were observed for several days. Installed P&A marker, topped off cellar with 5 sx.

11-28-2022: Perforate at 100', no circ out BH, perforate at 50', no circ out BH. Approval to spot balanced plug, Plug 9 of 42 sx from 199' (38 sx inside, squeezed 4 sx outside. Cut off WH, slight bubbles noted. Decision to observe for several days before top off.

11-22-2022: Perforate holes at 230', establish rate into perforations at 1200-1500 psi, no signs of flow at BH. SD wait on decision. 11-23-2022: Set CR at 222'. Mix and pump Plug 8 with 12 sx through CR. SDFN.

11-22-2022: Plug 7: Perforate at 400', Set CR at 379'. Mix and pump 12 sx through CR.

11-27&31-2022: Conducted BH build up tests. Ran CBL with and without pressure on casing.

1-27-2022: Plug 6: Kirtland: Perforate at 600'. Set CR at 550'. Mix and pump plug of 40 sx (28 sx through CR and 12 sx above CR). Reversed out at 450'.

1-26-2022: Plug 5: Fruitland: Mix and spot balanced plug of 20 sx from 816' to 644'.

1-26-2022: Plug 4: Pictured Cliffs: Mix and spot balanced plug of 20 sx from 1132' to 960'.

1-26-2022: Plug 3: Mesa Verde and Chacra: Mix and spot balanced plug of 102 sx from 2200' to 1352'.

1-26-2022: Plug 2: Mancos: Mix and spot balanced plug of 20 sx from 3767' to 3595'.

1-26-2022: Plug 1: Set CR at 4707'. Load and roll hole. PT casing, good test. Mix and pump 15 sx under CR into Gallup perforations. Sting out of CR and place 30 sx above CR to 4462'.

All cement used for Plugs 1 through 6 was Class G mixed at 15.8 ppg, yield 1.15 cu ft/sx
All cement used for Plugs 7, 8, 9 and top off was Type II/V mixed at 15.0 ppg, yield 1.29 cu ft/sx.

Regulatory representatives: Wanda Weatherford, Clayton Yazzie, Tyler Offerly, BLM and Monica Kuehling,
NMOCD via phone

GPS Coordinates: Lat; 36.388493 N, Long; 108.114419 W

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 168151

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 168151
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 12/1/22	12/28/2022