

Well Name: BOIS D` ARC SWD	Well Location: T21N / R5W / SEC 22 / NESE / 36.03314 / -107.344091	County or Parish/State: SANDOVAL / NM
Well Number: 1	Type of Well: OTHER	Allottee or Tribe Name:
Lease Number: NMNM105533	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004320981	Well Status: Water Disposal Well	Operator: EOG RESOURCES INCORPORATED

Subsequent Report

Sundry ID: 2722536

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 03/24/2023

Time Sundry Submitted: 09:37

Date Operation Actually Began: 03/03/2023

Actual Procedure: 2/24/23- Notified & received approval by email from Monica Kuehling (NMOCD) & Kenny Rennick (BLM) to use fresh water instead of salted gel per the approved procedure on 2/24/23. Additional COA's: approved was given if treated as you would oil based mud. All water zones must be sealed prior to use. 2/25/23 thru 2/28/23- Waiting on rig. 3/1/23-Notified & received approval by email from Monica Kuehling (NMOCD) & Kenny Rennick (BLM) for a variance to not mill out & leave the permanent packer in place. Additional COA's: include an inside/outside plug at the surface plug. 3/2/23- Waiting on rig. 3/3/23- MIRU, Notified NMOCD & BLM of operations. ESTABLISH INJECTION RATE DOWN 4.5" INJECTION STRING under pkr – Good injection rate. Notified & received approval from Monica Kuehling (NMOCD) & Kenny Rennick (BLM) to proceed. 3/4/23- Pressure test csng to 1500 PSI, good. SDFWE 3/6/23- Plug #1 5970'- 6058' (COVER LOWER DAKOTA PERFS) 25 SX TYPE III CMT 6.09 BBLs SLURRY 1.37 YIELD 14.6# 3.95 MIX WATER DISPLACE W/ 22.43 BBLs FRESH WATER . 3/7/23- APPLY 500 PSI & TEST.TAGGED TOP OF PLUG #1 @ 5970'. (PRESSURE HELD @ 500 PSI). Notified plug 1 succeeded & received approval from Monica Kuehling (NMOCD) & Kenny Rennick (BLM) to proceed w/ operations. POOH w/ tbg. NU BOP. Install 4-1/2" pipe rams. Attempt to release 4-1/2" csg w/ no success. Rotated to the right. (Losing torque downhole no success). Prep to perf near top of pkr. SDFN 3/8/23- RIH W/ PERF GUN & SHOT @ 5830' W/L depth (TOP OF PKR @ 5838' W/L depth). Remove lubricator re-install stripping head. Attempt to POOH. w/ 4-1/2" csg w/ no success. Notified & received approval from Monica Kuehling (NMOCD) & Kenny Rennick (BLM) TO CUT 4 1/2" CSG. RD. MU 4-3/4" bit. RIH w/ tbg to pkr @ 5850'. Pooh. SDFN. 3/9/23- CONTINUED, POOH. RU WL RIH W/ 3.625" JET CUTTER & CUTOFF 4 1/2" CSG @ 5830'. RDWL 3/10/23- EOT @ 5850' Plug #2 5515'- 5850' (COVER DAKOTA, GRANEROS SHALE & GREENHORN) W/ 50 SX TYPE III CMT 12.19 BBLs SLURRY 1.37 YIELD 14.6# 7.91 MIX WATER DISPLACE W/ 21.05 BBLs FRESH WATER. MONICA KUEHLING (NMOCD) APPROVED Calculated CEMENT TOP @ 5541'. SDFWE

Accepted for record – NMOCD
JRH _____ 05/08/2023

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3/13/23- RIH, w tbg. Tagged approved BY KEN CHRISTENSON (BLM). PSI Tested 7" csg to 600psi – Good test. Plug #3 4489'- 4644' (COVER DAKOTA FORMATION TOP) W/ 25 SX TYPE III CMT 6.09 BBLS SLURRY 1.37 YIELD 14.6# 3.95 MIX WATER DISPLACE W/ 17.05 BBLS FRESH WATER. Plug #4 3955'- 4110' (COVER MANCOS FORMATION TOP) W/ 25 SX TYPE III CMT 6.09 BBLS SLURRY 1.37 YIELD 14.6# 3.95 MIX WATER DISPLACE W/ 15.02 BBLS FRESH WATER. Plug #5 3648'- 3803' (COVER POINT LOOKOUT FORMATION TOP) W/ 25 SX TYPE III CMT 6.09 BBLS SLURRY 1.37 YIELD 14.6# 3.95 MIX WATER DISPLACE W/ 13.85 BBLS FRESH WATER. Plug #6 2814'- 2981' (COVER MENELEE FORMATION TOP) W/ 27 SX TYPE III CMT 6.58 BBLS SLURRY 1.37 YIELD 14.6# 4.27 MIX WATER DISPLACE W/ 10.69 BBLS FRESH WATER. Plug #7 2082'- 2237' (COVER CLIFF HOUSE FORMATION TOP) W/ 25 SX TYPE III CMT 6.09 BBLS SLURRY 1.37 YIELD 14.6# 3.95 MIX WATER DISPLACE W/ 7.91 BBLS FRESH WATER. KEN CHRISTENSON W/ BLM (FARMINGTON) WITNESSED ALL CEMENTING. SDFN. 3/14/23- RIH, spot Plug #8 840'- 1490' (COVER PICTURED CLIFFS, FRUITLAND, KIRKLAND & OJO ALAMO FORMATION TOPS) W/ 105 SX TYPE III CMT 25.61 BBLS SLURRY 1.37 YIELD 14.6# 16.62 MIX WATER DISPLACE W/ 3.19 BBLS FRESH WATER. MONICA KUEHLING (NMOCD) REQUIRED PERFORATING 50' BELOW 9 5/8" CSG SHOE RU BASIN WIRELINE, INSTALL PACKOFF, RIH W/ 3.8" PERF GUN & PERFORATE 7" CSG @ 382', RDWL. SQUEEZE Plug #9 surface – 382' (COVER SURFACE CASING SHOE) W/ 127 SX TYPE III CMT 30.98 BBLS SLURRY 1.37 YIELD 14.6# 20.10 MIX WATER DISPLACE W/ 0 BBLS FRESH WATER, CIRCULATED TO SURFACE. (KEN CHRISTENSON W/ BLM WITNESSED ALL CEMENTING) INSTALL ABOVE GROUND DHM, 3/14/23 SPOT 16 SX TYPE III CEMENT IN CELLAR TO COVER CSG CUTOFF KEN CHRISTENSON W/ BLM WITNESSED SETTING DHM. Final plug and abandon.

SR Attachments

Actual Procedure

Bois_D_Arc_divide_22_100_Final_Wellbore_Diagram_20230324093725.pdf

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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: LACEY GRANILLO

Signed on: MAR 24, 2023 09:37 AM

Name: EOG RESOURCES INCORPORATED

Title: Contractor Regulatory Specialist

Street Address: 104 SOUTH FOURTH STREET

City: ARTESIA

State: NM

Phone: (575) 909-5284

Email address: LACEY_GRANILLO@EOGRESOURCES.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 03/29/2023

Signature: Matthew Kade

Wellbore Diagram

EOG Resources INC

Bois D Arc Divide 22 #100

API: 30-043-20981

Sandoval County, New Mexico

P&A:3/14/23

Plug 9

382' feet - squeeze- Surface
382 foot plug
143 Sacks of Type I/II Cement

Plug 8

840'- 1490'
650 foot plug
105 Sacks of Type I/II Cement
127 Sacks of Type I/II Cement

Plug 7

2082'- 2237'
152 foot plug
25 Sacks of Type I/II Cement

Plug 6

2814'- 2981'
167 foot plug
27 Sacks of Type I/II Cement

Plug 5

3648'- 3803'
155 foot plug
25 Sacks of Type I/II Cement

Plug 4

3955'- 4110'
155 foot plug
25 Sacks of Type I/II Cement

Plug 3

4489'- 4644'
155 foot plug
25 Sacks of Type I/II Cement

Plug 2

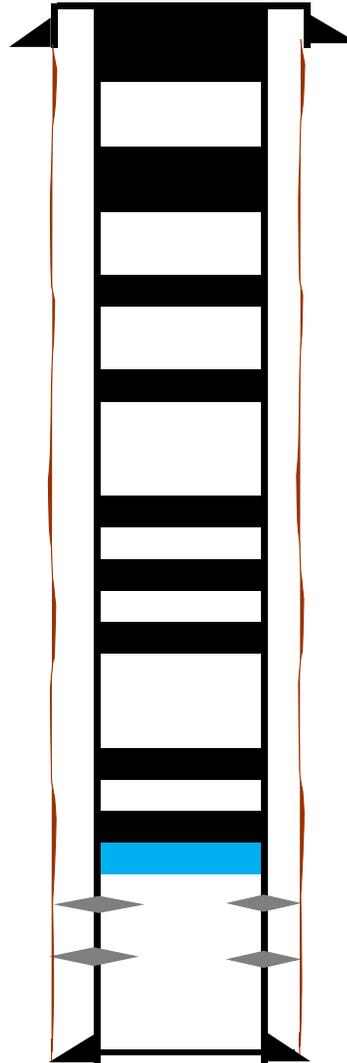
5515'- 5850'
335 foot plug
50 Sacks of Type I/II Cement

Plug 1

5970'- 6058'
88 foot plug
25 sacks of Type I/II Cement

Production Casing
7" 23# @ 6135 feet
OH: 8.75"

Perforations
6058 feet - 6093 feet



Surface Casing

9.625" 36# @ 332'
OH: 12.25"

Formation

Ojo Alamo - 940'
Kirtland - 1093'
Fruitland - 1242'
Pictured Cliffs - 1439'
Cliff House - 2186'
Menefee - 2922'
Point Lookout - 3751'
Mancos - 4058'
Gallup - 4590'
Dakota - 5668'
L. Dakota - 5999'

TD- 6135'

PBTD- 6095'

Lgranillo Updated 3/23/23

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
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 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 201900

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 201900
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	5/8/2023