

Well Name: BALLARD	Well Location: T26N / R9W / SEC 15 / NWSW / 36.485947 / -107.781937	County or Parish/State: SAN JUAN / NM
Well Number: 10	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM03154	Unit or CA Name:	Unit or CA Number:
US Well Number: 300450584400S1	Well Status: Abandoned	Operator: MORNINGSTAR PARTNERS LP

Subsequent Report

Sundry ID: 2388281

Type of Submission: Subsequent Report

Date Sundry Submitted: 05/20/2021

Date Operation Actually Began: 04/30/2021

Type of Action: Plug and Abandonment

Time Sundry Submitted: 12:47

Actual Procedure: The permanent plug and abandonment of the Ballard #10 has been completed as of 05/03/2021. Attached are the Final WBD, Daily and Cementing Reports, and the CBL.

SR Attachments

Actual Procedure

- Ballard_10_CBL_20210520124453.pdf
- Ballard_10___P_A_Daily___Cementing_Reports_20210520124440.pdf
- Ballard_10___P_A_WBD_Final_20210520124427.pdf

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Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: CONNIE BLAYLOCK	Signed on: MAY 20, 2021 12:45 PM
Name: MORNINGSTAR PARTNERS LP	
Title: Regulatory Technician	
Street Address: 400 W 7th St.	
City: Forth Worth	State: TX
Phone: (817) 334-7882	
Email address: CBLAYLOCK@MSPARTNERS.COM	

Field Representative

Representative Name: Eric Kittinger		
Street Address:		
City:	State:	Zip:
Phone:		
Email address: ekittinger@mspartners.com		

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: 10/15/2021
Signature: Kenneth Rennick	



AZTEC WELL SERVICING CO.

CEMENT JOB DETAIL SHEET

[illegible]



AZTEC WELL SERVICING CO.

CEMENT JOB DETAIL SHEET

CUSTOMER: SOUTHLAND ROYALTY COMPANY		DATE: May 3, 2021		API Number: 30-045-05844		TYPE OF JOB: P & A	
LEASE & WELL NAME: Ballard #10		LOCATION: Sec 15 T26N R09W		SERVICE SUP: MICHEL CRANE			
SERVICE CONTRACTOR: 481		OPERATOR: AWS		COUNTY: SAN JUAN		STATE: NEW MEXICO	

MATERIALS FURNISHED:	TYPE OF PLUGS:		LIST CSG. HARDWARE:	SQUEEZE MANIFOLD: NO	TOP OF EACH FLUID:	PHYSICAL SLURRY PROPERTIES:					
	TOP	N/A				SLURRY WEIGHT: Lb/gal	SLURRY YIELD: Cuft/sk	WATER REQ.: Gals/sk	PUMP TIME: hr:mm	SLURRY: bbls	MIX WATER: bbls
	BOTTOM	0									

PRE-FLUSH - FRESH WATER

Plug #1, PC Perfs, PC, Fruitland, Kirtland and Ojo Tops: M&P 32sxs, 15.8# class G cmt, from 1900' to 768' TOC, Disp w	768	15.80	36.80	5.00		6.6	3.8
Plug #2, Surface Shoe and Surface: M&P 84 sxs, 15.8# class G cmt from 161' to 0' Until good cmt returns up BH.	0	15.80	96.60	5.00		17.2	10.0
Top Off: M&P 30 sxs, 15.8# class G cmt to top off csg and cellar.	0	15.80	34.50	5.00		6.1	3.6

AVAILABLE MIX WATER: 20.0 BBLs		AVAILABLE DISPLACEMENT WATER: 20.0 BBLs				TOTAL MIX WATER: 17.4	
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HOLE		TBG.-CSG.-D.P.				TBG.-CSG.-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SHOE	FLOAT	STAGE
10 3/4	100	111	8 5/8	32.00	J-55	111	1 1/4	2.33	J-55	2,000	0	0	0

LAST CASING		PKR-CMT RET-BR PL-LINER		PERF DEPTHS		TOP CONNECTION		WELLBORE FLUID	
SIZE	WEIGHT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BOTTOM	SIZE	THREAD
2 7/8	6.50	J-55	2,060	N/A	N/A	0	0	1 1/4	IJ

CALCULATED DISPLACEMENT VOLUME: BBL		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG. PSI	MAX CASING PSI	DISPLACEMENT FLUID		WATER
TUBING	CASING	CASING	TOTAL	BUMP PLUG	TO REVERSE	SQ. PSI	RATED	OP	RATED
				0	0	500 PSI	0	0	0

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CASING, ETC., PRIOR TO CEMENTING:			
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PUMP DETAILS:				DAILY SUMMARY:			
TIME	PRESSURE - PSI	RATE	BBL FLUID	FLUID	SAFETY MEETING:	CREW	CO. REP
HR: MIN	PIPE	ANNULUS	BPM	PUMPED:	TEST LINES:	0	PSI

6:00	-	-	-	-	-	Travel to loc.	
7:00	-	-	-	-	-	Service and start rig and equip, fill out JSA, held safety mtg.	
7:15	-	-	-	-	-	Check PSI on Well, 0 psi on csg, intermediate and BH.	
7:30						RU WL, Run 2-7/8" gauge ring to 1930', RIH w CIBP and set @ 1900', RD WL.	
8:30						TIH open ended to 1900', roll the hole w 12bbls of fresh, pressure test csg @ 650psi, good test.	
9:15						TOOH w tubing.	
9:45	-	-	-	-	-	RU WL, run CBL from 1900' to surface, RD WL.	
11:00	-	-	-	-	-	TIH open ended to 1900', RU pump to tbg and est circ w 1 bbl of fresh.	
11:45						Plug #1, PC Perfs, PC, Fruitland, Kirtland and Ojo Tops: M&P 32sxs, 15.8# class G cmt, from 1900' to 768' TOC, Disp w 1bbl.	
12:15	-	-	-	-	-	LD all tubing.	
13:15						RD work floor, ND BOP.	
13:45						RU WL, RIH and jet cut 2-7/8" @ 165', RD WL.	
14:15						NU BOP, RU work floor.	
14:45						LD 2-7/8" tubing.	
15:00						RU WL, RIH and perf @ 161', est circ up BH w 8bbls of fresh, RD WL.	
15:30						Plug #2, Surface Shoe and Surface: M&P 84 sxs, 15.8# class G cmt from 161' to 0' Until good cmt returns up BH.	
16:00						RD work floor, ND BOP, wash up BOP and equip.	
16:30						Cut off well head, tag TOC in 5-1/2" @ 35' and annulus @ 25', install DHM.	
17:00						Top Off: M&P 30 sxs, 15.8# class G cmt to top off csg and cellar.	
17:30						RD unit and equip, pre trip equip for rig move.	
18:30						Travel to AWS yard.	

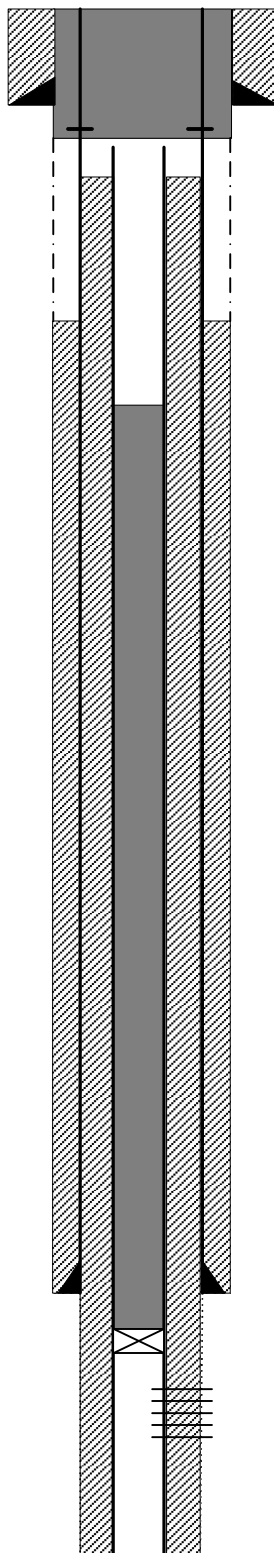
BLM REP ON LOC, GAIL CLAYTON

BUMPED PLUG:	PSI TO BUMP PLUG:	TEST FLOAT EQUIPMENT:	TOTAL BBL. PUMPED:	BBL CMT. RETURNS/ REVERSED:	PSI LEFT ON CSG.:	SPOT TOP CEMENT:	AZTEC WELL SERVICING CO REP.:	MICHEL CRANE
N/A	N/A	N/A	0.0	1.5	0	1163'	CUSTOMER REP.:	JASON PEACE
							CUSTOMER REP. SIGNATURE:	
							CUSTOMER AUTHORIZING AGENT	

MorningStar Operating, LLC

Final P&A WBD

Date: 05/04/2021

GL = 6,336'
API# 30-045-05844Spud Date: 05/08/1954
Date Completed: 05/22/1954
Plugged: 05/03/2021Ballard #10
San Juan County, NMTD - 2,063'; PBTD - 2,048'
Surface Csg: 8 5/8", 32#
Setting Depth: 111'Cement
100 sx Cement
Cmt circulatedIntermediate Csg: 5-1/2", 15.5#
Setting Depth: 1,980'Cement:
150 sx cementProduction Casing: 2-7/8", 6.4#, J-55
Set @ 2,060'Cement:
100 sx
TOC @ 395'

Plug 2:
Topped off w/ 30 sx
Circulated 84 sx to surface
Cmt 161' - Sfc
Perf'd 5-1/2" casing @ 161'
Cut & pulled 2-7/8" csg @ 165'

Ojo Alamo: 892' BLM, 1019' OCD
Kirtland: 990' BLM, 1184' OCD
Fruitland: 1260' BLM, 1664' OCD

Plug 1:
32 sx cmt from 768' - 1,900'

CIBP set @ 1,900'

OH Picture Cliffs Interval (1954):
1,988' - 2,060'

Recompletion 1971: Ran 68 jts 2-7/8", 6.4#, J-55 Production Casing set at 2,060' w/ 100 sx cmt. TOC @ 395'. PBTD @ 2,048'. Perf 1,980' - 2,000' & 2,024' - 2,034'.

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 57204

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 57204
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	None	11/4/2021