

Well Name: TIBBAR FEDERAL	Well Location: T26N / R9W / SEC 13 / SWNW / 36.490189 / -107.746658	County or Parish/State: SAN JUAN / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM09840	Unit or CA Name:	Unit or CA Number:
US Well Number: 300451167600S1	Well Status: Abandoned	Operator: MORNINGSTAR OPERATING LLC

Subsequent Report

Sundry ID: 2760607

Type of Submission: Subsequent Report

Date Sundry Submitted: 11/08/2023

Date Operation Actually Began: 10/19/2023

Type of Action: Plug and Abandonment

Time Sundry Submitted: 03:00

Actual Procedure: MorningStar Operating has permanently plugged and abandoned the Tibbar Federal #1 as of 10/29/2023. Attached are the Final WBD and Daily Cement Reports.

SR Attachments

Actual Procedure

- Tibbar_Federal__1_Final_Cementing_Reports_10_2023_20231108150007.pdf
- Tibbar_Federal__1_Final_PA_WBD_10_31_2023_20231108145952.pdf

Well Name: TIBBAR FEDERAL	Well Location: T26N / R9W / SEC 13 / SWNW / 36.490189 / -107.746658	County or Parish/State: SAN JUAN / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM09840	Unit or CA Name:	Unit or CA Number:
US Well Number: 300451167600S1	Well Status: Abandoned	Operator: MORNINGSTAR 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: CONNIE BLAYLOCK	Signed on: NOV 08, 2023 03:00 PM
Name: MORNINGSTAR OPERATING LLC	
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 Name: Amy Byars		
Street Address:		
City:	State:	Zip:
Phone:		
Email address: abyars@txopartners.com		

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: 11/08/2023
Signature: Matthew Kade	

[illegible]

[illegible]

[illegible]

CEMENT JOB DETAIL SHEET

Released to Imaging: 11/15/2023 10:50:03 AM

CUSTOMER:		MORNINGSTAR OPERATING, LLC.		DATE:		October 26, 2023		API Number:		30-045-11676		TYPE OF JOB:		P & A																	
LEASE & WELL NAME:		TIBBAR FEDERAL #1		LOCATION:		Sec.13,T26N,R09W		SERVICE SUP:		DEAN MESTAS																					
SERVICE CONTRACTOR:		RIG 450		OPERATOR:		AZTEC WELL SERVICE		COUNTY:		SAN JUAN		STATE:		NEW MEXICO																	
MATERIALS FURNISHED:		TYPE OF PLUGS:		LIST CSG. HARDWARE:		SQUEEZE MANIFOLD:		TOP OF EACH FLUID:		PHYSICAL SLURRY PROPERTIES:																					
		TOP								SLURRY WEIGHT: Lb/gal		SLURRY YIELD: Cuft/sk		WATER REQ.: Gals/sk		PUMP TIME: hr:mm		SLURRY: bbls		MIX WATER: bbls											
		BOTTOM																													
PRE-FLUSH - FRESH WATER																															
Plug 5: Pumped 10.7bbls cement slurry ((52sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk)) 40sx out; 4sx blw ret.; 8sx on top								2353'		15.80		1.15		5.00				10.2		6.2											
Plug 6: Pumped 7.2bbls cement slurry ((35sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk))								1592'		15.80		1.15		5.00				7.2		4.2											
AVAILABLE MIX WATER: 380.0 BBLs								AVAILABLE DISPLACEMENT WATER: 300.0 BBLs								TOTAL MIX WATER: 10.4															
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					
12 1/4		100%		296'		8 5/8		24.00		J-55		296'		2 3/8		4.70		J-55		3398'						2100'/4663'					
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						TYPE		WEIGHT					
4 1/2		10.50		J-55		6646'						6388'		6597'		2 3/8		8 ROUND								8.40					
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		OPER		RATED		OPER		TYPE				WEIGHT		SOURCE			
										650		650		1,100		650						FRESH WATER		8.33		CITY WATER					
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CASING, ETC., PRIOR TO CEMENTING:																															
PUMP DETAILS:						DAILY SUMMARY:																									
TIME		PRESSURE - PSI		RATE		BBL FLUID		FLUID		SAFETY MEETING:				CREW				CO. REP.													
HR: MIN:		PIPE		ANNULUS		BPM:		PUMPED:		TYPE:		TEST LINES:				PSI															
												CIRCULATED THE WELL:				RIG PUMP				CMT PUMP											
6:00		-		-		-		-		-		Travel to location																			
7:00		-		-		-		-		-		Pre-Start Inspection, Service & Start equipment																			
7:15		0		0/0		-		-		-		Check PSI on Well: Tbg = 0psi; Csg = 0psi; BH = 0psi.																			
7:30		-		-		-		-		-		TIH w/ tubing to tag top of cement...Tagged TOC at 3398"...witnessed by BLM																			
7:54		-		-		-		-		-		TOOH w/ tubig to 2454'...prepare to test casing																			
8:05		-		-		-		-		H2O		Pumped 4.5bbls water to load casing...SHUT in casing...Pressure tested casing to 650psi...NO test...witnessed by BLM rep.																			
8:18		-		-		-		-		-		TOOH w/ tubing & LD tag sub...RU wireline service to perforate casing																			
-		-		-		-		-		-		RIH w/ perf gun and wireline to perf depth of 2502"...perforated casing successfully																			
-		-		-		-		-		-		ROOH w/ wireline & LD perf gun...verified all shots fired																			
9:20		-		-		-		-		-		TIH w/ cement retainer & tbg to setting depth of 2454'...rotate & set retainer successfully...STING out																			
10:27		-		0		1.00		2.00		H2O		Pumped 2.0bbls water to load casing...STING back into retainer to est. inj. Rate																			
10:35		1,000		0		1.00		4.50		H2O																					



CEMENT JOB DETAIL SHEET

CUSTOMER: MORNINGSTAR OPERATING, LLC.		DATE: October 27, 2023		API Number: 30-045-11676		TYPE OF JOB: P & A	
LEASE & WELL NAME: TIBBAR FEDERAL #1		LOCATION: Sec.13,T26N,R09W		SERVICE SUP: DEAN MESTAS			
SERVICE CONTRACTOR: RIG 450		OPERATOR: AZTEC WELL SERVICE		COUNTY: SAN JUAN		STATE: NEW MEXICO	

MATERIALS FURNISHED:	TYPE OF PLUGS:		LIST CSG. HARDWARE:	SQUEEZE MANIFOLD:	TOP OF EACH FLUID:	PHYSICAL SLURRY PROPERTIES:					
	TOP	BOTTOM				SLURRY WEIGHT: Lb/gal	SLURRY YIELD: Cuft/sk	WATER REQ.: Gals/sk	PUMP TIME: hr:mm	SLURRY: bbls	MIX WATER: bbls
PRE-FLUSH - FRESH WATER											
Plug 7: Pumped 4.1bbls cement slurry ((20sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk))					1104'	15.8	1.15	5.0		4.1	2.4
Plug 7 top off: Pumped 2.5bbls cement slurry ((12sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk))					1028'	15.8	1.15	5.0		2.5	1.4
Plug 8: Pumped 29.8bbls cement slurry ((145sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk)) circ. 2.0bbls good cement to pit					Surface	15.8	1.15	5.0		29.8	17.3
Top off & Cellar: Pumped 4.5bbls cement slurry ((22sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk))					Surface	15.8	1.15	5.0		4.5	2.6
AVAILABLE MIX WATER: 380.0 BBLs AVAILABLE DISPLACEMENT WATER: 300.0 BBLs TOTAL MIX WATER: 23.7											
HOLE			TBG.-CSG.-D.P.			TBG.-CSG.-D.P.			COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	
12 1/4	100%	296'	8 5/8	24.00	J-55	296'	2 3/8	4.70	J-55	1561'	
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF DEPTHS			TOP CONNECTION		
SIZE	WEIGHT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BOTTOM	SIZE	THREAD	
4 1/2	10.50	J-55	6646'				6388'	6597'	2 3/8	8 ROUND	
CALCULATED DISPLACEMENT VOLUME: BBL			CAL. PSI	CAL. MAX PSI		OP. MAX	MAX TBG. PSI		MAX CASING PSI		
TUBING	CASING	CASING	TOTAL	BUMP PLUG	TO REVERSE		SO. PSI	RATED	OPER	RATED	OPER
					650		650		1,100	650	
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CASING, ETC., PRIOR TO CEMENTING:											
PUMP DETAILS:						DAILY SUMMARY:					
TIME HR: MIN	PRESSURE - PSI		RATE BPM	BBL FLUID PUMPED:	FLUID TYPE:	SAFETY MEETING: CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>					
	PIPE	ANNULUS				TEST LINES: PSI					
6:00	-	-	-	-	-	CIRCULATED THE WELL: RIG PUMP <input type="checkbox"/> CMT PUMP <input checked="" type="checkbox"/>					
7:00	-	-	-	-	-	Travel to location					
7:10	0	0/0	-	-	-	Pre-Start Inspection, Service & Start equipment					
	-	-	-	-	-	Check PSI on Well: Tbg = 0psi; Csg = 0psi; BH = 0psi.					
	-	-	-	-	-	TIH w/ tubing to tag top of cement...Tagged TOC at 1561'...witnessed by BLM					
	-	-	-	-	-	TOOH w/ tubig to 1362'...prepare to test casing					
	200	0	2.00	2.00	H2O	Pumped 2.0bbls water to load casing...SHUT in casing...Pressure tested casing to 650psi...NO test...witnessed by BLM rep.					
	200	0	2.00	1.00	H2O	Pumped 1.0bbl water ahead					
	150	0	2.00	4.10	CEMENT	Pumped 4.1bbls cement slurry ((20sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk))					
	150	0	2.00	4.30	H2O	Pumped 4.3bbls water for displacement...Est. TOC at 1104'					
8:20	-	-	-	-	-	SD...WOC 4hrs					
8:30	-	-	-	-	-	TOOH w/ tubing					
12:20	-	-	-	-	-	TIH w/ tubing to tag top of cement...Tagged TOC at 1185'...witnessed by BLM...TOC to low, not enough coverage for formation					
	-	-	-	-	-	***BLM/OCD require to top off plug 7...notified office					
13:00	0	250	2.50	8.00	H2O	Pumped 8.0bbls water to reverse circulate casing/tubing clean for plug 7 top off...had 0.5bbl of cement to pit...prepare for cement					
13:10	200	0	2.00	1.00	H2O	Pumped 1.0bbl water ahead					
13:15	150	0	2.00	2.50	CEMENT	Pumped 2.5bbls cement slurry ((12sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk))					
13:18	150	0	2.00	3.90	H2O	Pumped 3.9bbls water for displacement...Est. TOC at 1028'					
13:21	-	-	-	-	-	SD...WOC 4hrs					
13:28	-	-	-	-	-	TOOH w/ tubing					
17:10	-	-	-	-	-	TIH w/ tubing to tag top of cement...Tagged TOC at 1058'...witnessed by BLM					
17:30	-	-	-	-	-	TOOH & LD tubing					
17:53	-	-	-	-	-	RIH w/ perf gun and wireline to perf depth of 350'...perforated casing successfully					
18:00	-	-	-	-	-	ROOH w/ wireline & LD perf gun...verified all shots fired...closed blind rams on BOP					
18:15	80	0	2.00	6.00	-	Pumped 6.0bbls water to est. inj. Rate from surface...Established injection rate at 3.0bbls/min at 80psi with circulation thru BH					
18:20	-	-	-	-	-	SD...prepare for cement					
18:25	80	0	2.00	1.00	H2O	Pumped 1.0bbl water ahead					
18:27	50	0	3.00	29.80	CEMENT	Pumped 29.8bbls cement slurry ((145sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk)) circulated 2.0bbls good cement thru BH to the pit					
18:38	-	-	-	-	-	SD...cement at surface					
18:40	-	-	-	-	-	NDBOP...rig down handling equipment & rig floor					
19:10	-	-	-	-	-	MIRU welder...cut off wellhead, cement still at surface after cutoff...INSTALL dry hole marker...witnessed by BLM					
19:45	50	0	1.00	4.50	CEMENT	Pumped 4.5bbls cement slurry ((22sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk)) for top off and cellar					
	-	-	-	-	-	SD...wash up equipment					
	-	-	-	-	-	Secure equipment & location					
20:00	-	-	-	-	-	Travel to the yard					
BUMPED PLUG: PSI TO BUMP PLUG: TEST FLOAT EQUIPMENT: TOTAL BBL. PUMPED: 68.1 BBL CMT. RETURNS/ REVERSED: 0 PSI LEFT ON CSG.: 1185/1058'/Surf. SPOT TOP CEMENT: AZTEC WELL SERVICING CO REP.: DEAN MESTAS CUSTOMER REP.: JASON PEACE CUSTOMER REP. SIGNATURE: CUSTOMER AUTHORIZING AGENT											

[illegible]

MorningStar Operating, LLC

**Tibbar Federal #1
San Juan County, NM**

TD – 6,646 ft MD

12-1/4" hole to 296' KB
Surface Csg: 9 jts 8-5/8" 24# J55 STC
Setting Depth: 296 ft

Cement
175sx Reg cement
WOC & test

7-7/8" hole to 6646'
Prod Csg: 206 jts 4-1/2" 10.5# J55 STC
Setting Depth: 6,646 ft
DV tools @ 2100' & 4663'

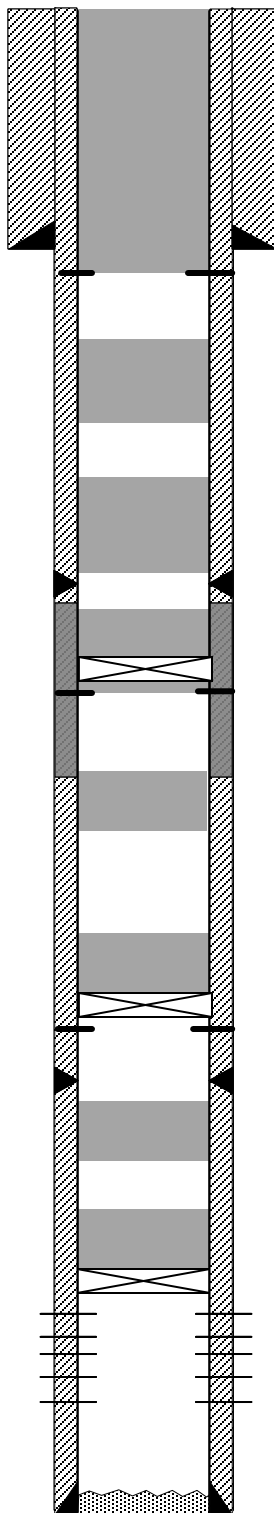
Cement
1st stage lead: 175sx 50/50 Pozmix
1st stage tail: 100sx reg cement
2nd stage: 250sx 50/50 Pozmix
3rd stage: 500sx 50/50 Pozmix

Perfs: (Dakota): (4 spf):
6,388'-98', 6,426'-30', 6,480'-90',
6,564'-68', 6,584'-97'

Casing squeeze (1/27/1986):
Set RBP @ 6250', Determine casing
leak between 2103' to 3590' w/ pkr.
Squeeze w/ 450sx Class H (561 ft³)
Drillout and test to 1500 psi good
6/19/2001 – test same to 650 psi, good

Dakota Perfs:
6,388' – 6,597' (overall)

Final P&A WBD



PBTD: 6,624 ft MD

PLUG 8 – perf 350' – est circulation around and through BH – cmt 145 sx circulate 2.0 bbls good cmt thru BH – cement to surface all csqs – cutoff WH, cmt still at surf – install DHM, top off 22 sx cmt – Final plug 350' – surf.

PLUG 7 (Kirtland, Ojo) – test csg no test – witnessed by BLM rep – balance plug cmt 20 sx from 1362' – WOC 4hrs tag cmt 1185' – tag witnessed by BLM – plug height too low – notify and confirm with OCD/BLM need to add cmt to plug – add top off 12 sx cmt – WOC 4hrs tag cmt 1058' – tag witnessed by BLM rep Final plug 1362' - 1058'

PLUG 6 (PC, Fruitland) – test csg no test – witnessed by BLM rep – balance plug from 2045' 35 sx cmt – WOC 4hrs tag cmt 1561' – tag witnessed by BLM rep – Final plug 2045' - 1561'

PLUG 5 (Chacra) – test csg no test – witnessed by BLM – perf 2502' – set cmt retainer 2454' – attempt to est inj – est inj 1.0 bpm at 1000 psig – cmt 52 sx total – 40 sx behind pipe, 4 sx below retainer, 8 sx on top of retainer – WOC 4hrs tag cmt 2296' (vs 2353' estimated) – tag witnessed by BLM rep – tag depth higher than expected approved by BLM and OCD – final plug 2454' - 2296'

PLUG 4 (MV) – test csg no test – witnessed by BLM rep – balance plug 15 sx from 3595' – WOC 4 hrs tag cmt 3398' – tag witnessed by BLM rep- Final plug 3595' - 3398'

PLUG 3 (Mancos) – test csg no test – witnessed by BLM rep - perf 4515' – set retainer 4463' – attempt inj below tbq pressure out at 1100 psi and no inj – spot 12 sx cmt on top of retainer – WOC 4hrs tag cmt 4328' – tag witnessed by BLM Rep – Final plug 4463' - 4328'

PLUG 2 (Gallup) – test csg no test – witnessed by BLM rep – Balance plug 15 sx cmt from 5510' – WOC 4hrs tag cmt 5357' – tag witnessed by BLM rep – Final plug 5510' - 5357'

PLUG 1 – set CICR @ 6353' – test csg no test - witnessed by BLM Rep – pump 15 sx cmt on top of CICR and WOC 4hrs – Tag cmt 6175' Tag witnessed by BLM Rep – Final plug 6353' - 6175'

Prepared by: JRyza
Date: 05/18/2023
Updated and Final P&A Bberry
10/31/2023

KB = 12 ft
GL = 6,295 ft
API# 30-045-11676

Spud Date: 05/05/1966
Ready to produce: 05/20/1966

Nacimiento: surface
Ojo Alamo: 1,208'
Kirtland: 1,312'
Fruitland: 1,720'
Pictured Cliffs: 1,993'
Chacra: 2,452'
Mesaverde: 3,544'
Mancos: 4,465'
Gallup: 5,460'

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 284837

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 284837
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 10/27/2023	11/14/2023