Sundry Print Report

U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

Well Name: CARSON Well Location: T30N / R4W / SEC 32 / County or Parish/State: RIO

NWSW / 36.766748 / -107.284242 ARRIBA / NM

Well Number: 13A Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

WELL

Lease Number: NMSF079488A Unit or CA Name: Unit or CA Number:

US Well Number: 300392755700S1 Well Status: Abandoned Operator: MORNINGSTAR

OPERATING LLC

Subsequent Report

Sundry ID: 2757263

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 10/19/2023 Time Sundry Submitted: 01:38

Date Operation Actually Began: 10/04/2023

Actual Procedure: MorningStar Operating LLC has plugged and abandoned the Carson 13A as of 10/10/2023. Attached are the Daily Cement Reports and Final WBD.

SR Attachments

Actual Procedure

Carson__13A_WBD_Final_PA_10_2023_20231019133807.pdf

Carson_13A_Cementing_Reports_20231019133755.pdf

reived by OCD: 10/20/2023 12:15:19 PM Well Name: CARSON Well Location: T30N / R4W / SEC 32 /

NWSW / 36.766748 / -107.284242

County or Parish/State: Rige 2 of

ARRIBA / NM

Well Number: 13A Type of Well: CONVENTIONAL GAS

Allottee or Tribe Name:

Unit or CA Name: Lease Number: NMSF079488A **Unit or CA Number:**

Operator: MORNINGSTAR US Well Number: 300392755700S1 Well Status: Abandoned

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

Signed on: OCT 19, 2023 01:38 PM **Operator Electronic Signature: CONNIE BLAYLOCK**

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: 10/19/2023

Signature: Matthew Kade

Page 2 of 2



CUSTOMER: MORNINGST			GSTAR OF	ERATING,	LLC.	DATE:		October 2	, 2023	API Number:	30-039	-27557	TYPE OF JOB:		P & A					
	ELL NAME		CARSON	#13A			LOCATION		Sec.32,T3		SERVICE SUP:		DEAN ME		<u> </u>					
	CONTRACTO		RIG 450				OPERATO			ELL SERVIC		COUNTY:		RIO ARRIBA	•		MEXICO			
MATERIAL	S FURNISH	ED:			TYPE OF PLU	JGS:	LIST C	SG. HAR	DWARE:	SQUEEZE	TOP	CLUBBY		HYSICAL SLURR			MIV			
					TTOM		ļ			MANIFOLD:	OF EACH	SLURRY WEIGHT:	SLURRY YIELD:	WATER REQ.:	PUMP TIME:	SLURRY:	MIX WATER:			
				50		ı					FLUID:	Lb/gal	Cuft/sk	Gals/sk	hr:mm	bbls	bbls			
PRE-FLUS	H - FRES	H WATER																		
																				
																				
																				
AVAILABLE N	MIX WATER:	400.0	BBLS		AVAILABLE [DISPLACEMENT \	WATER:	360.0) BBLS			•		•	TOTAL M	IX WATER:	0.0			
	HOLE				SCSGD.P.	1			SCSGD.P.	ſ				COLLAR DEPTH		_				
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT		DEPTH	ł		SHOE	FLOAT	STAGE	4				
12 1/2	100% LAST C	250' ASING	9 5/8	32.30	H-40 -CMT RET-BR	246' PL-LINER	2 3/8 PERF DE	4.70 PTHS	J-55	TOP	CONNECTION	1		WEL	.LBORE FLUID					
SIZE	WEIGHT	TYPE	DEPTH		D & TYPE	DEPTH	TOP	BOTTOM	И	SIZE	THREAD			TYF		WEIGHT	l			
4 1/2	10.50	J-55	5390'				6346'	6916'		2 3/8	8 ROUND			PRODUCE		8.40				
		EMENT VOLU		CAL. PSI		MAX PSI	OP. MAX	_	X TBG. PSI		CASING PSI	4		DISPLACEMENT F			ATER			
TUBING	CASING	CASING	TOTAL	BUMP PLUG		650	SQ. PSI 650	RATED	OPER 1,100	RATED	OPER 650	1	EDE	TYPE SH WATER	WEIGHT 8.33		WATER			
					·	030	030		1,100		030		FKL	SITWATER	0.33	CITT	WAILK			
		UBLE SETTING																		
RUNNING C	ASING, ETC.,	PRIOR TO CE	MENTING:																	
		PUMP DE	TAILS:			1					DAILY SU	JMMARY:								
TIME	PRESSU	JRE - PSI	RATE	BBL FLUID	FLUID	SAFETY MEETIN	IG:	CREW	J	CO. REP.										
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES:				PSI	_									
						CIRCULATED TH			RIG PUMP	CMT PUMP										
14:30	-	-	-	-	-	Rig down rig														
15:45 -	-	-	-	-	-	Road rig to n					c for rig travrel	etagod rig	on a locati	on						
-	-	-	-	-	-						nd check roads	staged rig	on a locati	OII .						
-	-	-	-	-	-						ely muddywill	shutdown 1	day for ro	oads to dry up						
17:30	-	-	-	-	-	Travel to the	Yard													
					 															
				<u> </u>																
				 																
																				
				 	 															
				†																
												-	-		· · · · · · · · · · · · · · · · · · ·					
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BUMPED		TO		EST	TOTAL	BBL CMT.	PSI		SPOT		LL SERVICING (O REP.:			AN MESTAS					
PLUG:		IMP UG:		OAT PMENT:	BBL. PUMPED:	RETURNS/ REVERSED:	LEFT ON CSG.:		TOP EMENT:	CUSTOME	R REP.: R REP. SIGNATU	IRE:		JA	SON PEACE					
					0.0	0.0	0			1		· · · - ·		CUSTOME	ER AUTHORIZING AGEN	IT				



CUSTOME					PERATING,	LLC.	DATE:		October 4,		API Number:			TYPE OF JOB:		P & A	
	ELL NAME		CARSON RIG 450	I #13A			LOCATION			LL SERVICE	SERVICE SUP:	COUNTY:	DEAN ME	RIO ARRIBA	STATE:	NFW	MEXICO
	S FURNISH				TYPE OF PLU	JGS:		SG. HARD		SQUEEZE	TOP			HYSICAL SLURR			
					TOP TTOM					MANIFOLD:	OF EACH FLUID:	SLURRY WEIGHT:	SLURRY YIELD:	WATER REQ.: Gals/sk	PUMP TIME:	SLURRY:	MIX WATER:
PRE-FLUS	H - FRES	H WATER									FLUID:	Lb/gal	Cuft/sk	Gais/sk	hr:mm	bbls	bbls
				-	ı												
AVAILABLE N	HOLE	400.0	BBLS	TRG	AVAILABLE I CSGD.P.	DISPLACEMENT	WATER:	360.0	-CSGD.P.				1	COLLAR DEPTH		IX WATER:	0.0
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT	TYPE	DEPTH			SHOE	FLOAT	STAGE		
12 1/2	100%	250'	9 5/8	32.30	H-40	246'	2 3/8	4.70	J-55	3626'					0		1
SIZE	WEIGHT	TYPE	DEPTH	•	-CMT RET-BR D & TYPE	PL-LINER DEPTH	TOP	BOTTOM	1	SIZE	ONNECTION THREAD			TYF	LBORE FLUID	WEIGHT	
4 1/2	10.50	J-55	5390'	DIVANI		JEI 1111	6346'	6916'	1	2 3/8	8 ROUND	1		PRODUCE		8.40	
		EMENT VOLU		CAL. PSI		MAX PSI	OP. MAX		TBG. PSI		CASING PSI			DISPLACEMENT F			ATER
TUBING	CASING	CASING	TOTAL	BUMP PLUG		650	SQ. PSI 650	RATED	OPER 1,100	RATED	OPER 650		EDE	TYPE SH WATER	WEIGHT 8.33		WATER
					'	030	030		1,100		030		FKL	SITWATER	0.33	CITT	WAILK
		UBLE SETTING															
RUNNING C	ASING, ETC.,	PRIOR TO CE	MENTING:														
		PUMP DE	TAILS:								DAILY SU	MMARY:					
TIME		JRE - PSI	RATE	BBL FLUID	FLUID	SAFETY MEETIN	IG:	CREW	J	CO. REP.							
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES:			RIG PUMP	PSI CMT PUMP	7	ł					
5:00	-	_	_	-	-	Travel to old		`arracae		CMTPUMP	*						
7:00	-	-	-	-	-	PJSM, Service											
7:15	-	-	-	-	-	Loaded equi											
9:20	-	-	-	-	-	Travel to nev	vel to new location										
11:30	-	-	-	-	-		L, spot equipment and rig up										
13:00	-	-	-	-	-	Check PSI or						-U- 0 DU 4					
13:15 13:45	<u> </u>	-	-	-	-						ntprepare to T			ped, bent or rable	nit would not n	ass thru	
18:15	-	-	-	-	-	Secure wellh				and rojto but	a during trip iii	buu jointo	WOTO OTHER	oca, bent or rabi	nt would not p	uoo tiii u	
18:30	-	-	-	-	-	Travel to the											
						1											
				1													
						-											
	-				_							-			-		-
				-													
						-											
								•								•	
				1		Travel to the	yard										
BUMPED	PS	I TO	TE	ST	TOTAL	BBL CMT.	PSI	ç	SPOT	AZTEC WE	LL SERVICING C	O REP		DF	AN MESTAS		
PLUG:		JMP		OAT	BBL.	RETURNS/	LEFT ON		тор	CUSTOME		- ·· - / ··			SON PEACE		
	PL	UG:	EQUIF	PMENT:	PUMPED:	REVERSED:	CSG.:	CE	MENT:	CUSTOMER	R REP. SIGNATU	RE:		CHETOLE	P ALITHOPIZING ACCO		
			I		0.0	I	0			I				CUSTOME	R AUTHORIZING AGEN	1	



CUSTOME					PERATING,	LLC.	DATE:	1.	October 5,		API Number:	30-039		TYPE OF JOB:		P & A	
	ELL NAME		CARSON RIG 450	I #13A			LOCATION			LL SERVICE	SERVICE SUP:	COUNTY:	DEAN ME		STATE:	NFW	MEXICO
MATERIAL					TYPE OF PLU	JGS:		SG. HARD		SQUEEZE	TOP			HYSICAL SLURR	1		
					OP					MANIFOLD:	OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX
				ВО	TTOM		l T				EACH FLUID:	WEIGHT: Lb/gal	YIELD: Cuft/sk	REQ.: Gals/sk	TIME: hr:mm	bbls	WATER: bbls
PRE-FLUS	H - FRES	H WATER					I			l	1200.	Lb/gai	Curron	Galoyon		55.0	55.0
Plug 1: Pur	nped 6.8bb	ols cement s	lurry ((33	sx; 15.8pp	g, 1.15cuft/	ft, 5.0gals/sk))	1				4484'	15.80	1.15	5.00		6.8	3.9
AVAILABLE N		400.0	BBLS	TDO	AVAILABLE I	DISPLACEMENT \	WATER:	360.0	BBLS -CSGD.P.					COLL AD DEDT		IX WATER:	3.9
SIZE	HOLE % EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT	TYPE	DEPTH			SHOE	FLOAT	STAGE		
12 1/2	100%	250'	9 5/8	32.30	H-40	246'	2 3/8	4.70	J-55	4683'					0		
0175	LAST C		DEST		-CMT RET-BR	1	PERF DE				ONNECTION				LBORE FLUID	WEIGHT	
SIZE 4 1/2	WEIGHT 10.50	J-55	5390'	BRANI	D & TYPE	DEPTH	TOP 6346'	6916'	1	SIZE 2 3/8	THREAD 8 ROUND	1		PRODUCE		WEIGHT 8.40	
		CEMENT VOLU		CAL. PSI	CAL.	MAX PSI	OP. MAX		TBG. PSI		CASING PSI	1		DISPLACEMENT F			ATER
TUBING	CASING	CASING	TOTAL	BUMP PLUG	TO R	EVERSE	SQ. PSI	RATED	OPER	RATED	OPER CEO	4		TYPE	WEIGHT		URCE
							650		1,100		650	1	FRE	SH WATER	8.33	CITY	WATER
		UBLE SETTING															
		PRIOR TO CEI															
		PUMP DE	TAILS:			I					DAILY SU	MMARY:					
TIME	PRESSU	URE - PSI	RATE	BBL FLUID	FLUID	SAFETY MEETIN	IG:	CREW	J	CO. REP.							
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES:				PSI							
						CIRCULATED TH			RIG PUMP	CMT PUMP	4						
5:00	-	-	-	-	-	Travel to loca		ndoo 9 C	tort oguinm	ont							
7:00 7:15	0	0/0	-		-	Pre-Start Ins Check PSI or			•								
7:30	-	-	-	-	-	Continue to				511 = 0p31.							
9:10	750	0	3.50	95.00	H2O					& circulate	cleanshut in &	pressure t	estno te	st, injection rate	@ 1.5bpm @	400psi	
9:50	-	-	-	-	-	SD											
9:55	-	-	-	-	-	TOOH w/ tub		g sub									
10:50		-	-	-	-	MIRU wirelin		P		4001'							
11:30		-	-		-	ROOH & perf					depth to verify						
-	-	-	-	-	-	TIH w/ tubing											
15:15	750	0	2.50	22.00	H2O	Pumped 22.0	bblswater a	head to	load casing								
15:26	650	0	2.50	6.80	CEMENT						ft, 5.0gals/sk))						
15:29	600	0	2.50	17.40	H2O	Pumped 17.4			ment Esti	mated TOC	@ 4484'						
15:35 15:48		-	-	-	-	SDWOC 4h TOOH w/ tub			re to revers	e circulate o	lean						
-	0	680	3.00	28.00	H2O						eanhad 0.5bbl	s cement to	pit on ret	urns			
-	-		-	-	-	SD										_	
15:55	-	-	-	-	-	TOOH w/ tub		above	bad casing				-				
4= 4=		-	-	-	-	SDresume			00000								
17:10 17:30	<u> </u>	-	-	-	-	Secure wellh Travel to the		urpment.	5DON								
			_				, u. u										
							· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		· · · · ·			· · · · ·			·
		-															
		-															
				ļ													
BUMPED		I TO		ST	TOTAL	BBL CMT.	PSI		SPOT		LL SERVICING C	O REP.:			AN MESTAS		
PLUG:		JMP		OAT PMENT:	BBL. PUMPED:	RETURNS/ REVERSED:	LEFT ON		TOP	CUSTOMER	R REP.: R REP. SIGNATU	DE.		JA:	SON PEACE		
	rL.	UG:	LQUIF	WILINI.	169.2	0.5	CSG.:		MENT: 1485'	COSTOWER	. NEF. SIGNATU	NE.		CUSTOME	R AUTHORIZING AGEN	т	



CUSTOME					PERATING,	LLC.	DATE:		October 6,		API Number:					P & A	
	ELL NAME		CARSON RIG 450	#13A			LOCATION		Sec.32,T33	ILL SERVICE	SERVICE SUP:	COUNTY:	DEAN ME	RIO ARRIBA	STATE:	NFW	MEXICO
MATERIAL			1110 400		TYPE OF PLU	JGS:		SG. HARD		SQUEEZE	TOP	_00011111		IYSICAL SLURR			IIIEXIOO
					ОР					MANIFOLD:	OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX
				ВО	TTOM						EACH	WEIGHT:	YIELD:	REQ.:	TIME:		WATER:
PRE-FLUS	U - EDES	LI WATED									FLUID:	Lb/gal	Cuft/sk	Gals/sk	hr:mm	bbls	bbls
I KL-I LOO	II - IKLO	HIWAILK															
Plug 2: Pur	nped 32.4b	bls cement	slurry ((1	58sx; 15.8 _l	opg, 1.15cu	ft/ft, 5.0gals/s	k))				3540'	15.80	1.15	5.00		32.4	18.8
						_											
AVAILABLE N		400.0	BBLS	TDO		DISPLACEMENT \	VATER:	360.0	BBLS -CSGD.P.					COLLAR DEPTH	TOTAL MI	X WATER:	18.8
SIZE	HOLE % EXCESS	DEPTH	SIZE	WEIGHT	CSGD.P.	DEPTH	SIZE	WEIGHT	TYPE	DEPTH			SHOE	FLOAT	STAGE		
12 1/2	100%	250'	9 5/8	32.30	H-40	246'	2 3/8	4.70	J-55	4483'					0		
0.75	LAST C		D55-:		-CMT RET-BR		PERF DE				ONNECTION				LBORE FLUID	WE'C:	-
SIZE 4 1/2	WEIGHT 10.50	J-55	5390'	BRANI	D & TYPE	DEPTH	TOP 6346'	воттом 6916'	1	SIZE 2 3/8	THREAD 8 ROUND	1		PRODUCE		WEIGHT 8.40	
		EMENT VOLU		CAL. PSI	CAL.	MAX PSI	OP. MAX		TBG. PSI		CASING PSI			DISPLACEMENT F			ATER
TUBING	CASING	CASING	TOTAL	BUMP PLUG		EVERSE	SQ. PSI	RATED	OPER	RATED	OPER			TYPE	WEIGHT		URCE
		<u> </u>				650	650	<u> </u>	1,100	<u> </u>	650	<u> </u>	FRE	SH WATER	8.33	CITY	WATER
EXPLAN	ATION: TRO	UBLE SETTING	TOOL,	1													
		PRIOR TO CE															
		PUMP DE	TAII S:								DAILY SU	MMARY:					
TIME	PRESSU	JRE - PSI	RATE	BBL FLUID	FLUID	SAFETY MEETIN	IG:	CREW	J	CO. REP.							
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES:				PSI							
						CIRCULATED TH			RIG PUMP	CMT PUMP	<i>1</i>						
6:00	-	-	-	-	-	Travel to loca			*****								
7:00 7:15	0	0/0	-	-	-	Pre-Start Ins											
7:30	-	-	-	-	-		eck PSI on Well: Tbg = 0psi; Csg = 0psi; BH = 0psi. I w/ tubing to tag top of cementTagged TOC @ 4483'witnessed by BLM rep.										
	-	-	-	-	-		OH w/ tubing to 4341'prepsre for cement										
8:50	600	0	3.00	54.00	H2O	Pumped 54.0	bbls water	to load c	qsing and e	stablish circ	culation						
9:10	550	0	3.00	2.00	H2O	Pumped 2.0b											
9:11	500	0	3.00	32.40	CEMENT						uft/ft, 5.0gals/sk))					
9:22 9:30	500 -	-	2.50	17.40	H2O -	Pumped 17.4 SDWOC 4h		displace	ment Esti	mated TOC	@ 3540						
-	-	-	-	-	-	TOOH w/ tub											
10:10	-	-	-	-	-	SD and resu		пе									
13:30	-	-	-	-	-	TIH w/ tubing	to tag top	of cemer	ntTagged	TOC @ 3498	'witnessed by	BLM rep.					
13:45	-	-	-	-	-	TOOH w/ tub											
15:08	-	-	-	-	-	RIH w/ perf g ROOH w/ wir											
15:26 15:30	<u> </u>	-	-	-	-	PU & torque											
16:10		-	-	-	-	TIH w/ scrape											
16:40	-	-	-	-	-	TOOH w/ tub											
17:30	-	-	-	-	-	SDToo late							·				
-		-	-	-	-	Secure wellh		ionSD	FW								
18:00	-	-	-	-	-	Travel to the	yard										
							·										
				ļ													
	· · · · · ·									· · · · · · · · · · · · · · · · · · ·		· · · · · ·					· · · · · ·
BUMPED	PS	I TO	TF	ST	TOTAL	BBL CMT.	PSI	ç	SPOT	AZTEC WF	LL SERVICING C	O REP.:		DF.	AN MESTAS		
PLUG:		JMP		DAT	BBL.	RETURNS/	LEFT ON		тор	CUSTOME					SON PEACE		
	PL	UG:	EQUIF	MENT:	PUMPED:	REVERSED:	CSG.:	CE	MENT:	CUSTOME	R REP. SIGNATU	RE:					
					105.8		0							CUSTOME	R AUTHORIZING AGEN		



CUSTOMER	R:		MORNING	GSTAR OF	ERATING,		DATE:		October 9,		API Number:	30-030	-27557	TYPE OF JOB:		P & A		
	/ELL NAME:		CARSON				LOCATION	l:			SERVICE SUP:		DEAN ME	-		. • ~		
SERVICE C	ONTRACTO	OR:	RIG 450				OPERATO			LL SERVICE		COUNTY:			STATE:	NEW	MEXICO	
MATERIALS	S FURNISH	ED:			TYPE OF PL	UGS:	LIST (SG. HAF	RDWARE:	SQUEEZE	TOP			IYSICAL SLURF				
					OP		1			MANIFOLD:	OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX	
				BO	TTOM		+				EACH FLUID:	WEIGHT: Lb/gal	YIELD: Cuft/sk	REQ.: Gals/sk	TIME: hr:mm	bbls	WATER: bbls	
PRE-FLUSI	H - FRES	H WATER					1			1	i LOID.	Luryai	Julyan	Julojak	manill	סוטנו	ciou	
	. 11123	HAILK																
Plug 3: Pun	nped 13.9b	bls cement	slurry ((74	lsx; 15.8pi	pg, 1.15cuf	t/ft, 5.0gals/sk)) 26sx out.	6.5sx t	olw, 41.5sx or	n top	1708'	15.80	1.15	5.0		13.9	8.8	
			, , , ,	. ,		, , ,	,,											
Plug 4: Pun	nped 9.2bb	ls cement s	lurry ((45s	sx; 15.8pp	g, 1.15cuft/	ft, 5.0gals/sk)))				1033'	15.80	1.15	5.0		9.2	5.4	
		400.0						200	•								44.0	
AVAILABLE M	HOLE	400.0	BBLS	TBG	CSGD.P.	DISPLACEMENT	WATER:		O BBLS GCSGD.P.					COLLAR DEPTI		IX WATER:	14.2	
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGH		DEPTH			SHOE	FLOAT	STAGE	1		
12 1/2	100%	250'	9 5/8	32.30	H-40	246'	2 3/8	4.70	J-55	4594'					0			
0175	LAST C		DERT		-CMT RET-BR	•	PERF DE		_		ONNECTION	4	_		LBORE FLUID	Lwerou-	I	
SIZE 4 1/2	WEIGHT 10.50	J-55	5390'	BRANI	D & TYPE	DEPTH	TOP 6346'	6916		SIZE 2 3/8	8 ROUND	1		PRODUCE		WEIGHT 8.40	I	
		EMENT VOLU		CAL. PSI	CAL.	MAX PSI	OP. MAX		X TBG. PSI		CASING PSI			DISPLACEMENT F			ATER	
TUBING	CASING	CASING	TOTAL	BUMP PLUG		REVERSE	SQ. PSI	RATE		RATED	OPER]		TYPE	WEIGHT		DURCE	
						750			1,100		650		FRES	SH WATER	8.33	CITY	WATER	
FVS	ATIO:																	
		JBLE SETTING PRIOR TO CEM																
		PUMP DE	TAILS:	•							DAILY SU	IMMARY:						
TIME	PRESSU		RATE	BBL FLUID	FLUID	SAFETY MEETIN	NG:	CREW	1 🗾	CO. REP.								
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES:				PSI		-						
F 00						CIRCULATED TH			RIG PUMP	CMT PUMP	<							
5:30	-	-	-	-	-	Travel to loca		nuico P	Start coule	ont								
6:45 7:00	0	0/0	-	-	-	Pre-Start Ins												
7:00 7:15	-	-	-	-	-	TIH w/ CICR					set retainer eur	cessfully	STING out					
8:20	300	0	4.00	62.00	H2O		H w/ CICR & tubing to setting depth of 1921'rotate & set retainer successfullySTING out umped 62.0bbls to load casing & circulateSTING back into retainerprepare for cement											
8:48	250	0	2.50	4.00	CEMENT						ed on the backs							
8:51	250	0	2.50	13.90	H2O						t/ft, 5.0gals/sk))		le casing.	6.5sx below ret.	, 41.5sx on ton	retainer		
8:58	-	-		-	-	SDSTING												
9:07	-	0	2.50	6.60	H2O	Pumped 6.6b	bls water fo	or displ	acementEs	st.TOC @ 170	08'							
9:10	-	-	-	-	-	SDWOC 4												
9:12	-	-	-	-	-	TOOH w/ tub												
9:22	-	-	-	-	-	TOOH w/ tub												
	-	-	-	-	-	TIH w/ tag su												
10:05	0	150	2.50	9.50	H2O				se cirulate cle	ean to ensure	no obstruction	s for plug 4	1					
10:20	-	-	-	-	-	SDResume			ont Toward	TOC at 1710	! witnessed !	DIM						
13:40	-	-	-	-	-						'witnessed by pressure test car							
13:55	1,250	1,250	2.50	8.50	H2O					•	IN casing press		aina to 650	nsi TESTED «	nod.			
-	-	-	-	-	-	SD SD	mater ti		J oulate C		Juding press		10 000	, 1 LO 1 LO 9				
14:10	-	-	-	-	-	TOOH & LD t	tubing to 11	67'										
	-	-		-	-	TOOH w/ tub	•		wireline									
14:38	-	-	-	-	-	MIRU wirelin												
14:45	-	-	-	-	-	RIH w/ perf g	ıun & wirelii	ne to pe	erf depth of 1	210'Perfor	ated casing suc	cessfully						
15:15	-	-	-	-	-	ROOH w/ wir	eline & LD	oerf gu	nverified al	I shots fired	prepare to est	ablish injec	tion rate fi	rom surface				
15:22	150	0	2.50	7.00	H2O					sured out to	1250psi from si	urfaceno	break, no	injection ratev	vitnessed by E	BLM		
15:30	-	-	-	-	-	TIH w/ tubing		-										
16:10	150	0	2.50	2.00	H2O	Pumped 2.0b												
16:13	150	0	2.50	9.20	CEMENT						ft, 5.0gals/sk))							
16:18	125	0	2.50	4.00	H2O	Pumped 4.0b		ısplace	ment Estin	nated TOC @	1033'							
16:21	-	-	-	-	-	SDWOC 4h												
16:30	-	-		-	-	TOOH w/ tub		uin~ -	t SDON									
17:15 17:30	-	-	-			Secure wellh Travel back t	•	uipitiet	เอมUN									
17.30						i i avei back t	o uie yaid											
BUMPED	PSI	то	TE	ST	TOTAL	BBL CMT.	PSI		SPOT	AZTEC WE	L SERVICING C	O REP.:		DE	AN MESTAS			
	D. I	MP	FI (TAC	BBL.	RETURNS/	LEFT ON		TOP	CUSTOMER	R REP.:			JA	SON PEACE			
PLUG:																		
PLUG:		JG:		MENT:	PUMPED: 126.7	REVERSED: 0.8	CSG.:		EMENT: '08'/1033'	CUSTOMER	R REP. SIGNATU	RE:			ER AUTHORIZING AGEN	JT		



011070145	_	-					D.1.T.F.				451N 1			T)/DE OF 10D				
CUSTOME					PERATING, I	LLC.	DATE:		October 10		API Number:	30-039		TYPE OF JOB:		P&A		
LEASE & WELL NAME: CARSON #13A											SERVICE SUP:	DEAN MESTAS						
SERVICE C	CONTRACT	OR:	RIG 450				OPERATO	R:	AZTEC WE	LL SERVICE	.	COUNTY:		RIO ARRIBA	STATE:	NEW	MEXICO	
MATERIAL	S FURNISH	ED:			TYPE OF PLU	JGS:	LIST	CSG. HARI	DWARE:	SQUEEZE	TOP		Pl	YSICAL SLURF	Y PROPERTIE	S:		
				т	TOP	T .				MANIFOLD:	OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX	
					ттом	İ	†				EACH	WEIGHT:	YIELD:	REQ.:	TIME:		WATER:	
				- 50	TTOW	1	†				FLUID:	Lb/gal	Cuft/sk	Gals/sk	hr:mm	bbls	bbls	
DDE EL US	H - FRES	L WATER					•				. 22.2.							
FRE-FLUS	FKES	II WAIEK										-		+		1	-	
														1	ļ			
Plug 4: Pur	mped 23.6b	bls cement	slurry ((11	5sx; 15.8r	opg, 1.15cu	ft/ft, 5.0gals/s	k))				Surface	15.80	1.15	5.00		23.6	13.7	
Top off: Pu	mped 3.1bl	ols cement s	slurry ((15	sx: 15.8nr	og. 1.15cuft	/ft, 5.0gals/sk)) to top off	casing 8	& fill cellar		Surface	15.80	1.15	5.00		3.1	1.8	
. op om .	рош от		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	on, relepp	,	rit, elegalereit,	,,	ouog c	oo			10.00		0.00		U. .		
AVAILABLE N		400.0	BBLS			DISPLACEMENT V	WATER:		BBLS							IX WATER:	15.5	
	HOLE			TBG	SCSGD.P.			TBG	iCSGD.P.					COLLAR DEPTH	łS			
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT	TYPE	DEPTH			SHOE	FLOAT	STAGE			
12 1/2	100%	250'	9 5/8	32.30	H-40	246'	2 3/8	4.70	J-55	0					0			
	LAST C	ASING		PKR-	-CMT RET-BR	PL-LINER	PERF DE	EPTHS		TOP C	ONNECTION			WEL	LBORE FLUID			
SIZE	WEIGHT	TYPE	DEPTH	BRANI	D & TYPE	DEPTH	TOP	BOTTON	1	SIZE	THREAD			TYF	PE	WEIGHT		
4 1/2	10.50	J-55	5390'		_		6346'	6916'	1	2 3/8	8 ROUND	Ī		PRODUCE		8.40	Ī	
		EMENT VOLU		CAL. PSI	CAI	MAX PSI	OP. MAX		(TBG. PSI		CASING PSI			DISPLACEMENT F			ATER	
TUBING	CASING	CASING	TOTAL	BUMP PLUG		EVERSE	SQ. PSI	RATED		RATED	OPER			TYPE	WEIGHT		URCE	
1 JUNIO	UNUINU	OAGIING	IOIAL	CONT PLUG		650	650	IVATED		IVATED	650		FDF	SH WATER	8.33		WATER	
				lacksquare	<u> </u>	UJU	υσσ		1,100		000		FKE	OIT WATER	5.33	CITY	WAICK	
				1														
		JBLE SETTING		1														
RUNNING C	ASING, ETC.,	PRIOR TO CE	NENTING:	1														
		PUMP DE	TAILS:								DAILY SU	MMARY:						
TIME	PRESSU	IRE - PSI	RATE	BBL FLUID	FLUID	SAFETY MEETIN	IG:	CREW	J	CO. REP.	/							
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES:				PSI								
				J 2.D.		CIRCULATED TH	HE WELL:		RIG PUMP	CMT PUMP	7							
F 5.5				$\vdash \vdash$					THE T OWNE	. OMIT OWIF								
5:30	-	-	-	-	-	Travel to loca												
6:45	-	-	-	-	-	Pre-Start Ins	pection, Se	rvice & S	Start equipm	nent								
7:00	0	0/0			-	Check PSI or	n Well: Tba	= 0psi: 0	Csg = Opsi: F	BH = Opsi.		_			_	_	_	
7:10		-	-	-	_						"witnessed by B	I M						
				-				J. JEIIIE	rayyeu	a. 333	,,	_171						
7:20	-		-	\vdash	-	TOOH & LD t												
-	-	-	-	-	-	RU wireline s	U wireline service to perforate casing											
8:15	-	_	-	-	-	RIH w/ perf g	tlH w/ perf gun and wireline to perf depth of 280',,,,perforated casing successfully											
8:23	-		-	-	-						shut in and pre		tablish inid	ection rate from	surface			
	0	150	2.50	16.00	H2O	Pumped 16.0												
9:00	-	-	-	-	-	SDrig dow	n rig floor 8	NDBO	install Wi	H flangepr	epare for cemen	t from surfa	ace					
	0	100	2.50	2.00	H2O	Pumped 2.0b	bls fresh w	ater ahe	ad									
	0	100	2.50	23.60	CEMENT	Pumped 23.6	bbls cemer	nt slurry	((115sx; 15.	8ppg, 1.15ci	ıft/ft, 5.0gals/sk))	circulate	d 1.5bbls	good cement to	surface			
		-		-	_	SD												
40.00									had	44								
10:00	-	-	-	-				eau on	au cemen	L TO SULLACE	on both casings							
11:30	-	-	-	-	-	Install dryhol	le marker											
12:00	25	0	1.00	3.10	CEMENT	Pumped 3.1b	bls cement	slurry ((15sx; 15.8p	pg, 1.15cuft	ft, 5.0gals/sk)) to	top off & f	ill cellar					
12:30	-	-	-	-	-	SDend of v	vell											
13:00	-		-	_	-	Travel to the												
13.00			-	\vdash		avei to tile	yaru											
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BUMPED	PS	то	TE	ST	TOTAL	BBL CMT.	PSI	;	SPOT	AZTEC WE	LL SERVICING C	O REP.:		DE	AN MESTAS			
	BU	MP	FLC	DAT	BBL.	RETURNS/	LEFT ON	I	TOP	CUSTOME	R REP.:		·	JA	SON PEACE			
PLUG:																		
PLUG:		JG:	EQUIP	MENT	PUMPED:	REVERSED:	CSG.:	CF	EMENT:	CUSTOMF	R REP. SIGNATU	RE:						
PLUG:		JG:	EQUIP	MENT:	PUMPED: 44.7	REVERSED: 1.5	CSG.:		MENT: urface	CUSTOME	R REP. SIGNATU	RE:		CUSTOME	ER AUTHORIZING AGEN	т		

MorningStar Operating, LLC

Carson #13A Rio Arriba County, NM

TD - 7,210 ft MD

12-1/4" hole to 250' Surface Csg: 5 jts 9-5/8" 32.3# H-40 Setting Depth: 246 ft

150sx Class B (177 ft3) Circulated 15 bbls cement to surface

8-3/4" hole to 4823' Intermediate Csg: 109 jts 7" 20#&23# J-55 ST&C Setting Depth: 4,823 ft DV tool @ 4063'

Cement First Stage: 185sx 50/50 Class B poz 2nd Stage lead: 550sx 65/35 Class B poz 2nd Stage Tail: 100sx 50/50 Class B poz TOC: 400' CBL (top of very good bond 2900')

6-1/8" hole to 7,210 ft MD Liner: 61 jts 4-1/2" 10.5# J-55 ST&C Setting depth: 7,210 ft

TOL: 4,632 ft

Cement 350sx 50/50 Class B poz Circulated 7 bbls cmt to surface

Perfs (Upper MV): 1 spf, 43 holes: 6,346', 48', 50', 56', 58', 84', 86', 98', 6,400', 02', 10', 12'-18', 36', 38', 40', 42', 44', 86', 88', 90', 92', 94', 96', 6,504', 06', 08', 10', 12', 14', 27', 29', 57', 59', 80', 81', 83', 85'

Completion: 36,585 gals 60Q foamed slickwater & 67,400# 20/40 sand

Perfs (Lwr MV): 1 spf, 29 holes: 6,755', 57', 59', 64', 66', 68', 6,826'-32', 45', 47', 77'-79', 90', 92', 94', 96', 98', 6,916', 18', 20', 22', 24', 26'

Completion: 30,500 gals 60Q foamed slickwater & 50,000# 20/40 sand

Final P&A WBD

Prepared by: JRyza Date: 07/17/2023

Updated Bberry 10/16/2023

KB = 15 ftGL = 7,553 ftAPI# 30-039-27557

Spud Date: 05/23/2004 Well First Delivered: 07/07/2004

Nacimiento: 1160' Ojo Alamo: 3640' Kirtland: 3888' Fruitland: 4075' Pictured Cliffs: 4278' Chacra: 5530' MV Cliff House: 6108' Menefee: 6415' Point Lookout: 6660'

Perf 1210' - attempt injection into perf holes, pressure up to 1250 psi no break/no injection rate witnessed by BLM rep - pump 45 sx cmt from 1210' - 998' (WOC Tag 995' Witnessed by BLM rep)

Perf 280' - establish circulation - pump 115 sx 280' - 0' (inside/outside) - cmt to surf

both casings - cut off WH, Weld on DHM,

top off with 15 sx cmt

Perf 1951' – set retainer 1921' – pump 74 sx cmt from 1951' - 1746' (WOC tag 1746' witnessed by BLM rep) pumped est 26 sx through perfs, 6.5 sx below retainer, 41.5 sx on top of retainer

158 sx cmt from 4341' - 3498' (WOC Tag depth 3498' tag witnessed by BLM rep)

33 sx cmt from 4683' - 4483' (WOC tag @ 4483') - tag witnessed by BLM rep

Spotted 19 sx cmt above, TOC @ 5390'

Cut tbg @ 5750' Scraper stuck @ 5973'

MV Perfs: 6,346' - 6,585' (overall) 6,755' - 6,926' (overall)

PBTD: 7,166 ft MD

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

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 277739

CONDITIONS

Operator:	OGRID:
MorningStar Operating LLC	330132
400 W 7th St	Action Number:
Fort Worth, TX 76102	277739
	Action Type:
	[C-103] Sub. Plugging (C-103P)

CONDITIONS

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