Sundry Print Reports

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

Well Name: TIBBAR FEDERAL Well Location: T26N / R9W / SEC 13 / County or Parish/State: SAN

SWNW / 36.490189 / -107.746658 JUAN / NM

Well Number: 1 Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

WELL

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

Type of Action: Plug and Abandonment

Date Sundry Submitted: 11/08/2023 Time Sundry Submitted: 03:00

Date Operation Actually Began: 10/19/2023

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

eived by OCD: 11/13/2023 10:18:52 AM Well Name: TIBBAR FEDERAL

Well Location: T26N / R9W / SEC 13 /

SWNW / 36.490189 / -107.746658

County or Parish/State: SAN 2 of

JUAN / NM

Well Number: 1

Type of Well: CONVENTIONAL GAS

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

Signed on: NOV 08, 2023 03:00 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: 11/08/2023

Signature: Matthew Kade

Page 2 of 2



CUSTOME					PERATING,	LLC.	DATE:	1-	October 19		API Number:			TYPE OF JOB:		P & A	
SERVICE (ELL NAME		RIG 450	FEDERAL	#1		LOCATION		Sec.13,T26	N,R09W LL SERVICE	SERVICE SUP:	COUNTY:	DEAN ME		STATE:	NEW	MEXICO
MATERIAL			400		TYPE OF PLU	JGS:	_	SG. HARE		SQUEEZE	TOP		Pl	IYSICAL SLURR			
					OP OP	-				MANIFOLD:	OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX
				ВО	ТТОМ		1				EACH FLUID:	WEIGHT: Lb/gal	YIELD:	REQ.: Gals/sk	TIME: hr:mm	bbls	WATER: bbls
PRE-FLUS	H - FRES	H WATER					1			l .	FLUID:	Lurgai	Cuft/sk	Gais/SK	пилип	มมเร	DDIS
I KL-I LOO	II - IKLO	HIWAILK															
AVAILABLE N		380.0	BBLS			DISPLACEMENT V	WATER:	300.0							TOTAL MI	X WATER:	0.0
SIZE	HOLE % EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT	-CSGD.P. TYPE	DEPTH			SHOE	COLLAR DEPTH FLOAT	STAGE		
12 1/4	100%	296'	8 5/8	24.00	J-55	296'	2-3/8"	5	J-55	6605'			0.102	120/11	2100'/4663'		
	LAST C				-CMT RET-BR		PERF DE				ONNECTION				LBORE FLUID		
SIZE 4 1/2	WEIGHT 10.50	J-55	DEPTH 6646'	BRANI	O & TYPE	DEPTH	TOP 6388'	воттом 6597'	ł	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	TO R	EVERSE	SQ. PSI	RATED	OPER	RATED	OPER]		TYPE	WEIGHT	SO	URCE
					(650	650		1,100		650		FRE	SH WATER	8.33	CITY	WATER
EXDI AN	ATION: TPO	UBLE SETTING	TOOL														
		PRIOR TO CE															
TIME	PDEGG	PUMP DE JRE - PSI	TAILS: RATE	BBL FLUID	FLUID	SAFETY MEETIN	IG:	CREW	J	CO. REP.	DAILY SU	MMARY:					
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES:	ю.			PSI							
						CIRCULATED TH	HE WELL:		RIG PUMP	CMT PUMP	7						
5:00	-	-	-	-	-	Travel to OLI	D location	.Harring	ton Com #7								
7:00	-	-	-	-	-	Load equipm			travel								
7:30	-	-	-	-	-	Secure rig &				1	E 1 41		-1	-4116	4	41	
8:00 11:00	<u> </u>	-	-	-	-	Road rig to lo		ake valv	e on rig whi	le moving of	ff locationrepla	ace brake v	alve and te	estedgood for	travel to new lo	cation.	
14:00		-	-		-	Move onto lo		t equipm	ent, spot ric	a and ria un							
-	150	50/30	-	-	-	Check PSI or					si.						
15:30	-	-	-	-	-						r, tubing appears	to be free					
-	-	-	-	-	-	NUBOPrig	up rig floor	and har	ıdling equip	ment							
18:10	-	-	-	-	-	Secure equip		ationS	DON								
18:30	-	-	-	-	-	Travel to the	yard										
								_									
							·		·			·					
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BUMPED		ТО		ST	TOTAL	BBL CMT.	PSI		SPOT		LL SERVICING C	O REP.:			AN MESTAS		
PLUG:		JMP		OAT	BBL.	RETURNS/	LEFT ON		TOP	CUSTOMER		DE.		JAS	SON PEACE		
	PL	UG:	EQUIP	PMENT:	PUMPED: 0.0	REVERSED: 0.0	CSG.:	CE	MENT:	CUSTOMER	R REP. SIGNATU	KE:		CUSTOME	R AUTHORIZING AGEN		



CUSTOME					ERATING,	LLC.	DATE:	L	October 20		API Number:			TYPE OF JOB:		P&A	
SERVICE C	ELL NAME		RIG 450	EDERAL	#1		LOCATION		Sec.13,T26	N,R09W LL SERVICI	SERVICE SUP:	COUNTY:	DEAN ME		STATE:	NEW	MEXICO
MATERIAL			1110 400		TYPE OF PLU	JGS:	•	SG. HARD		SQUEEZE	TOP	_00011111	Pi	IYSICAL SLURR			шехіоо
					OP					MANIFOLD:	OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX
				BO	ТТОМ		 				EACH	WEIGHT:	YIELD:	REQ.:	TIME:		WATER:
DDE 51.110		III MATER									FLUID:	Lb/gal	Cuft/sk	Gals/sk	hr:mm	bbls	bbls
PRE-FLUS	H - FRES	HWAIEK															
					1										1		
AVAILABLE N	HOLE	380.0	BBLS	TRG	AVAILABLE D	DISPLACEMENT \	WATER:	300.0	-CSGD.P.					COLLAR DEPTH	TOTAL MI	X WATER:	0.0
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	6353'					2100'/4663'		
	LAST C				-CMT RET-BR		PERF DE				ONNECTION				LBORE FLUID		
SIZE 4 1/2	WEIGHT 10.50	J-55	DEPTH 6646'	BRANI	D & TYPE	DEPTH	TOP 6388'	воттом 6597'	ł	SIZE 2 3/8	THREAD 8 ROUND	1		PRODUCE		WEIGHT 8.40	
		J-55 EMENT VOLU		CAL. PSI	CAL.	MAX PSI	OP. MAX		TBG. PSI		8 ROUND CASING PSI			DISPLACEMENT F			ATER
TUBING	CASING	CASING	TOTAL	BUMP PLUG		EVERSE	SQ. PSI	RATED	OPER	RATED	OPER			TYPE	WEIGHT		URCE
					(650	650		1,100		650		FRE	SH WATER	8.33	CITY	WATER
		UBLE SETTING PRIOR TO CEI															
		PUMP DE	TAILS:								DAILY SU	IMMARY:					
TIME		JRE - PSI	RATE	BBL FLUID	FLUID	SAFETY MEETIN	IG:	CREW	1	CO. REP.	<u>/</u>	1					
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES:	IE MELL.		RIG PUMP	PSI CMT PUMP	7						
6.00				_		CIRCULATED TH			RIG PUMP	CMT PUMP	*						
6:00 7:00		-	-	-	-	Travel to loca Pre-Start Ins		rvico 8 S	tart oquipm	ont							
7:10	0	50/20	-	-		Check PSI or											
7:10	-	-	-	-	-	Unset & layd			73y - 30p3i,	DI1 - 20p3i.							
7:30	-	-	-	-	-				SN, MAL	D packer, Si	and MAtubin	g has mode	rate scale	, pkrr drug in se	veral spots du	ing trip o	out
10:50	-	-	-	-	-	TIH & Tally w									-		
14:10	-	-	-	-	-	TOOH w/ tub	ing & LD sc	raper as	sembly								
14:40	50	0	3.00	20.00	H2O	Pumped 20.0	bbls water	down ca	sing while t	ripping out t	o clean scraper	and casing	of scale &	debris			
15:20	-	-	-	-	-	TIH w/ cemer	nt retainer 8	tubing t	to setting de	epth of 6353	set reatainer s	successfull	ypull int	o retainer to test	tubing		
17:20	650	0	3.00	37.00	H2O						on tubingrotat	te and STIN	G out of re	etainerwitness	ed by BLM		
17:53	650	0	3.50	51.00	H2O	Pumped 51.0											
18:10	-	-	-	-	-				casingN) TESTwit	nessed by BLM						
18:25	<u> </u>	-	-	-	-	TOOH w/ tub											
18:45			-			Secure wellh			SDOW								
19:00	-	-	-	-	-	Travel to the											
. 5.50							,										
	-					-											
			-														
			-														
BUMPED	pq	I TO	TF	ST	TOTAL	BBL CMT.	PSI		SPOT	AZTEC WE	LL SERVICING C	O RFP ·		DF	AN MESTAS		
PLUG:		JMP		DAT	BBL.	RETURNS/	LEFT ON		TOP	CUSTOME		, 			SON PEACE		
		UG:		MENT:	PUMPED:	REVERSED:	CSG.:		MENT:		R REP. SIGNATU	RE:					
					108.0		0							CUSTOME	R AUTHORIZING AGEN	-	



CUSTOME					ERATING,	LLC.	DATE:	l-	October 23		API Number:			TYPE OF JOB:		P & A	
SERVICE C	ELL NAME		RIG 450	FEDERAL	#1		LOCATION		Sec.13,T26	N,R09W LL SERVICE	SERVICE SUP:	COUNTY:	DEAN ME		STATE:	NFW	MEXICO
MATERIAL			400		TYPE OF PLU	JGS:		SG. HARD		SQUEEZE	TOP		PH	IYSICAL SLURR			
					ОР					MANIFOLD:	OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX
				ВО	ТТОМ						EACH	WEIGHT:	YIELD:	REQ.:	TIME:		WATER:
PRE-FLUS	U - EDES	LI WATED									FLUID:	Lb/gal	Cuft/sk	Gals/sk	hr:mm	bbls	bbls
I ICE-I EUU	II - IKLO	IIWAILK															
AVAILABLE N		380.0	BBLS			DISPLACEMENT V	WATER:	300.0							TOTAL MI	X WATER:	0.0
SIZE	HOLE % EXCESS	DEPTH	SIZE	WEIGHT	CSGD.P. TYPE	DEPTH	SIZE	WEIGHT	-CSGD.P. TYPE	DEPTH			SHOE	COLLAR DEPTH FLOAT	STAGE		
12 1/4	100%	296'	8 5/8	24.00	J-55	296'	2-3/8"	4.70	J-55	6353'			0.102	1 20/11	2100'/4663'		
	LAST C				CMT RET-BR		PERF DE				ONNECTION				LBORE FLUID		
SIZE 4 1/2	WEIGHT 10.50	J-55	DEPTH 6646'	BRANI	0 & TYPE	DEPTH	TOP 6388'	воттом 6597'	ł	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	TO R	EVERSE	SQ. PSI	RATED	OPER	RATED	OPER			TYPE	WEIGHT		URCE
							650		1,100		650		FRE	SH WATER	8.33	CITY	WATER
EYDI AN	ATION: TROI	UBLE SETTING	: TOO!														
		PRIOR TO CE															
TIME	DDEGGI	PUMP DE JRE - PSI	TAILS: RATE	BBL FLUID	FLUID	SAFETY MEETIN	IG:	CREW	J	CO. REP.	DAILY SU	MMARY:					
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES:				PSI							
						CIRCULATED TH	HE WELL:		RIG PUMP	CMT PUMP	7						
6:00	-	-	-	-	-	Travel to loca											
7:00	-	-	-	-	-	Pre-Start Ins											
7:15 7:30	-	0/0	-	-		Check PSI or					and with a hala	rankaad ba	d laint				
-		-	-	-	-	MIRU wireling		onig and	LD Stillger.	iouina ijti	oad with a hole,	replaced ba	u joint				
9:05	-	-	-	-		RIH w/ CBL to		reline to	6353'								
-	-	-	-	-	-	ROOH w/ wire				53' to surfac	е						
11:45	-	-	-	-	-	TIH w/ tag su	b, seating r	nipple w/	standing va	alve & tubing	to 6353'press	ure test tul	oing during	g trip in to 1000p	osi		
-	-	-	-	-	-		•				nd continued to	TIH w/ tubi	ng				
15:00	-	-	-	-	-	SD17stand											
-	<u> </u>	-	-	-	-	Secure wellh				otinea onice	wit on mechan	inc for repa	air				
19:00	-	-	-	-	-	Travel to the		шринент.	0001								
												·					
				1													
	· · · · · ·				· · · · ·		· · · · · ·										
				-													
	· · · · ·															_	
BUMPED		I TO		ST	TOTAL	BBL CMT.	PSI		SPOT		LL SERVICING C	O REP.:			AN MESTAS		
PLUG:		IMP UG:		OAT PMENT:	BBL. PUMPED:	RETURNS/ REVERSED:	LEFT ON CSG.:		TOP MENT:	CUSTOMER	R REP.: R REP. SIGNATU	RE:		JAS	SON PEACE		
					0.0	0.0	0			30070IIILI				CUSTOME	R AUTHORIZING AGEN		



CHETOME	D.	_	MODELLE	CCTAP CT	CD ATILIC					1 AIL 1		20.00	11070	TVDE OF 105		D 0 A	1
CUSTOME	R: /ELL NAME			GSTAR OF FEDERAL	PERATING, #1	LLU.	DATE: LOCATION		October 24 Sec.13,T26		API Number: SERVICE SUP:	30-045	-11676 DEAN ME	TYPE OF JOB:		P & A	
	CONTRACT		RIG 450	LULNAL	n 1		OPERATOR			ELL SERVIC	-	COUNTY:	PENI IVIE	SAN JUAN	STATE:	NEW	MEXICO
MATERIAL					TYPE OF PL	JGS:		SG. HARI		SQUEEZE	TOP		PI	HYSICAL SLURF			
				1	ГОР					MANIFOLD:	OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX
				ВО	ТТОМ	<u> </u>	4				EACH	WEIGHT:	YIELD:	REQ.:	TIME:		WATER:
PRE-FLUS	u EDES	LI WATER					I.				FLUID:	Lb/gal	Cuft/sk	Gals/sk	hr:mm	bbls	bbls
PRE-FLUS	H - FKES	HWAIEK															
Plua 1: Pur	mped 3.1bb	ols cement s	lurry ((15s	sx: 15.8pp	a. 1.15cuft/	ft, 5.0gals/sk))				6158'	15.80	1.15	5.00		3.1	1.8
) ((, телерр	3,	.,g,,											
Plug 2: Pur	mped 3.1bb	ols cement s	lurry ((15s	sx; 15.8pp	g, 1.15cuft/	ft, 5.0gals/sk))				5315'	15.80	1.15	5.00		3.1	1.8
		200.0						200									
AVAILABLE N	HOLE	380.0	BBLS	TBG	AVAILABLE I CSGD.P.	DISPLACEMENT	WATER:		BBLS CSGD.P.					COLLAR DEPT		IX WATER:	3.6
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT		DEPTH			SHOE	FLOAT	STAGE	1	
12 1/4	100%	296'	8 5/8	24.00	J-55	296'	2 3/8	4.70	J-55	6353'					2100'/4663'		
0175	LAST C		DEDT		-CMT RET-BR		PERF DE				ONNECTION	1			LLBORE FLUID	WEIGHT	
SIZE 4 1/2	WEIGHT 10.50	J-55	DEPTH 6646'	BRANI	D & TYPE	DEPTH	TOP 6388'	6597'	Ή	2 3/8	8 ROUND	1		PRODUCE	D WATER	WEIGHT 8.40	
		CEMENT VOLU		CAL. PSI	CAL.	MAX PSI	OP. MAX		(TBG. PSI		CASING PSI	j		DISPLACEMENT F			ATER
TUBING	CASING	CASING	TOTAL	BUMP PLUG		REVERSE	SQ. PSI	RATED	OPER	RATED	OPER	1		TYPE	WEIGHT		URCE
				<u> </u>		650	650		1,100		650		FRE	SH WATER	8.33	CITY	WATER
FXPI AN	ATION: TRO	UBLE SETTING	TOOL														
		PRIOR TO CE															
-n.e	2222	PUMP DE			s	0.5557.145571	10	CREW		CO. REP.	DAILY SU	MMARY:					
TIME HR: MIN:	PRESSU	URE - PSI ANNULUS	RATE BPM:	BBL FLUID PUMPED:	FLUID TYPE:	SAFETY MEETIN TEST LINES:	NG:	CREW	<u> </u>	PSI	•	1					
THX. IVIIIV.	FIFE	ANNOLOS	DFW.	FOWIFED.	TIFE.	CIRCULATED TH	HE WELL:		RIG PUMP	CMT PUMP	7	1					
6:00	-		-	-	-	Travel to loca											
7:00	-	-	-	-	-	Pre-Start Ins		rvice & S	Start equipm	nent							
7:15	0	0/0	-	-	-	Check PSI or	n Well: Tbg	= 0psi; (Csg = 0psi; l	BH = 0psi.							
7:20	-	-	-	-	-	Cont. to TIH	w/ tubing to	6353'	tested tubir	ng to 1000ps	itested good	retrieve st	anding val	veprepare for	cement		
8:52	450	0	2.00	4.50	H2O	Pumped 4.5b	bls water a	head									
9:00	400	0	2.50	3.10	CEMENT						ft, 5.0gals/sk))						
9:02	400	0	2.50	23.80	H2O	Pumped 23.8		displace	mentEsti	mated TOC	@ 6158'						
9:11	-	-	-	-	-	SDWOC 4H			4		1						
9:15 9:25	0	450	3.00	25.00	- H2O	TOOH w/ tub					iean circulated 0.5	hhle comor	t to nit				
9:35	-	-	3.00	23.00	-	SD and resu			se circulate	tubing clear	cii culateu 0.5	DDIS CEITIEI	it to pit				
13:30	-	-	-	-	-				top of ceme	entTagged	TOC @ 6175"	witnessed	ov BLM re	p.			
13:42	-	-	-	-	-	TOOH w/ tub			•								
14:00	400	0	2.00	2.50	H2O	Pumped 2.5b	bls water to	load ca	asingshut	in casing &	P/T casing to 65	0psiNO t	estwitne	ssed by BLM re	pprepare for	cement	
14:10	350	0	2.00	2.00	H2O	Pumped 2.0b											
14:15	350	0	2.00	3.10	CEMENT						ft, 5.0gals/sk))						
14:17	300	0	2.50	20.60	H2O	Pumped 20.6		displace	ementEsti	mated TOC	nt 5315'						
14:20	-	-	-	-	-	SDWOC 4			4-		1						
14:37	0	400	2 50	22.00	- H2O	TOOH w/ tub						75hbl a	nt to rit				
14:40 14:55	-	400	2.50	22.00	H2O -	TOOH w/ tub			se curculati	e tubing clea	ncirculated 0.	ODDI CEME	int to pit				
15:10	<u> </u>	<u> </u>	-	-	-	SD and resu											
15:20	-	-	-	-	-	Secure wellh			ON								
15:30	-		-	-		Travel to the											
															_		
	·										·		·				
		-				-											
		1		-		1											
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				<u> </u>						T							
BUMPED		I TO		ST	TOTAL	BBL CMT.	PSI		SPOT		LL SERVICING C	O REP.:			SON DEACE		
PLUG:		JMP UG:		OAT PMENT:	BBL. PUMPED:	RETURNS/ REVERSED:	LEFT ON CSG.:		TOP EMENT:	CUSTOME	R REP.: R REP. SIGNATU	RE:		JA	SON PEACE		
	FL		LWOIF		106.6	VLNGED.	0		58'/5315'	- SSSTOWIE	GIGNATO			CUSTOM	ER AUTHORIZING AGEN	ΙΤ	
						-	-			-							



CUSTOME	D.	_	MODNING	CSTAR OF	DEDATING		DATE:		October 26			20.045	-11676	TYPE OF IOD		P&A	
	R: /ELL NAME	:		GSTAR OF FEDERAL	PERATING, #1	LLU.	LOCATION	l:	October 25 Sec.13,T26	•	API Number: SERVICE SUP:	30-045	5-11676 DEAN ME	TYPE OF JOB: STAS		гфА	
	CONTRACT		RIG 450	INAL			OPERATO			LL SERVICE	-	COUNTY:		SAN JUAN	STATE:	NEW	MEXICO
MATERIAL	S FURNISH	IED:			TYPE OF PL	UGS:	LIST (CSG. HARI		SQUEEZE	TOP			YSICAL SLURR			
					ГОР					MANIFOLD:	OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX
				ВО	ТТОМ	L	-				EACH FLUID:	WEIGHT:	YIELD: Cuft/sk	REQ.: Gals/sk	TIME: hr:mm	baba) -	WATER:
DDE ELUS	H - FRES	LI WATER									FLUID:	Lb/gal	Cutt/sk	Gals/sk	nr:mm	bbls	bbls
FKE-FLUS	FKES	II WAIEK														 	
Plua 3: Pur	mped 2.5bb	ls cement s	lurry ((12s	sx: 15.8pp	a. 1.15cuft/	ft, 5.0gals/sk))	1				4306'	15.80	1.15	5.0		2.5	1.4
riug o. r ui	npeu z.ooo	no ociniciti o	iuii y ((12-	эх, толорр	g, 1.100uiu	it, ologuioroky)	<u> </u>				4000	10.00	1.10	0.0		2.0	1.4
Plug 4: Pur	mped 3.1bb	ls cement s	lurry ((15s	sx; 15.8pp	g, 1.15cuft/	ft, 5.0gals/sk)))				3400'	15.80	1.15	5.0		3.1	1.8
J			, , ,		<u>, </u>	, , ,											
AVAILABLE N	HOLE	380.0	BBLS	TRO	AVAILABLE I CSGD.P.	DISPLACEMENT \	WATER:		BBLS G-CSGD.P.					COLLAR DEPTH		IIX WATER:	3.2
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT		DEPTH			SHOE	FLOAT	STAGE	1	
12 1/4	100%	296'	8 5/8	24.00	J-55	296'	2-3/8:	4.70	J-55	5357'							
	LAST C				-CMT RET-BR	•	PERF DE				ONNECTION				LBORE FLUID		
SIZE	WEIGHT	TYPE	DEPTH 6646'	BRANI	D & TYPE	DEPTH	TOP	BOTTON	1	SIZE	THREAD	-		TYF		WEIGHT	
4 1/2	10.50	J-55 EMENT VOLU	6646' ME: BBL	CAL. PSI	CAI	MAX PSI	6388' OP. MAX	6597'	K TBG. PSI	2 3/8 MAX	8 ROUND CASING PSI			PRODUCE DISPLACEMENT F		8.40 w	ATER
TUBING	CASING	CASING	TOTAL	BUMP PLUG		REVERSE	SQ. PSI	RATED	OPER	RATED	OPER	1		TYPE	WEIGHT	+	URCE
						750			1,100		650	<u></u>	FRE	SH WATER	8.33		WATER
		UBLE SETTING															
KONNING C	A31110, £10.,	I NIOR TO CE	LINTING:														
		PUMP DE	TAILS:								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	IE WELL:		RIG PUMP	CMT PUMP	7						
6:00	-	-	-	-	-	Travel to loca											
7:00	-	-	-	-	-	Pre-Start Ins											
7:10	0	0/0	-	-	-	Check PSI or					v	DI M					
7:15	- 650	-	- 2.00	2.50	-						'witnessed by			ad by DIM			
7:30 7:45	650	650	2.00	2.50	H2O -				asıngshut	casing & P/	T casing to 650p	SINU test	witness	eu by BLM rep.			
7:45 9:15		-	-	-	-	TOOH w/ tub			nth of 4515'	nerforated	casing success	fully					
9:38	-	-	-	-	-	ROOH w/ wir											
9:45	-	-	-	-	-						& set retainer s	uccessfullv	STING o	ut ofretainer			
10:55	400	0	2.50	2.50	H2O	Pumped 2.5b											
11:02	350	0	1.00	0.50	H2O						to 1100psino	inj. rate est	STING o	ut of retprepa	re for cement		
11:22	350	0	2.50	2.00	H2O	Pumped 2.0b	bls water a	head									
11:24	300	0	2.50	2.50	CEMENT	Pumped 2.5b	bls cement	slurry ((12sx; 15.8p	pg, 1.15cuft	/ft, 5.0gals/sk))						
11:27	300	0	3.00	16.70	H2O	Pumped 16.7		for disp	lacementE	st. TOC at 4	306'						
11:35	-	-	-	-	-	SDWOC 4h											
11:40	-	-	-	-	-	TOOH w/ tub											
12:30	-	-	-	-	-	TIH w/ tag su		to 3500'									
15.45		-	-	-	-	SDresune		of co	nt Tax	TOC @ 1001)" \uldania	, DI M					
15:45 15:50	<u> </u>	-	-	-	-	TOOH w/ tubing					B"witnessed by	y ∟iwirep.					
16:30	650	650	2.50	2.50	H2O						T casing to 650p	siNO toet	Prenaro	for cement			
16:30	250	0	1.00	1.00	H2O	Pumped 1.0b			uoniySiidl	casing & P/	i sasiiiy to ooup	JiNO LESI	repare	ioi cement			
16:50	350	0	2.50	3.10	CEMENT				(15sx: 15.8n	pg, 1.15cuft	/ft, 5.0gals/sk))						
16:52	300	0	2.50	13.20	H2O	Pumped 13.2											
16:57	•	-	-	-	-	SDWOC 4h											
-		-	-	-	-	TOOH w/ tub		prepare	to reverse c	irc. tubing c	lean						
17:10	0	300	3.00	14.00	H2O	Pumped 14.0	bbls water	to rever	se circ. tubii	ng celanha	ad 0.25bbl ceme	nt to pit	- <u>-</u> -			-	
17:15	-	-	-	-	-	TOOH w/ tub	ing to 2454										
17:20	-	-	-	-	-	SDresume	WOC time	overnigl	ht								
17:30	-	-	-	-	-	Secure wellh		uipment	SDON								
18:00	-	-	-	-	-	Travel back t	o the yard										
						-											
						-											
				-													
BUMPED	Dei	I TO	TE	ST	TOTAL	BBL CMT.	PSI		SPOT	AZTEC WE	LL SERVICING (O REP ·		DE	AN MESTAS		
PLUG:		IMP		DAT	BBL.	RETURNS/	LEFT ON		TOP	CUSTOME		NLI	-		SON PEACE		
		UG:		PMENT:	PUMPED:	REVERSED:	CSG.:		EMENT:		R REP. SIGNATU	IRE:					
					60.5	0.3	0		06'/3400'					CUSTOME	ER AUTHORIZING AGEN	NT	



CUSTOME	p.	_	MODNING	GSTAP OF	EDATING		DATE:		October 26			20.045	-11676	TYPE OF IOD:		P&A	
	R: ∕ELL NAME	:		GSTAR OF FEDERAL	PERATING, #1	LLU.	LOCATION	:	October 26 Sec.13,T26	•	API Number: SERVICE SUP:	30-045	5-11676 DEAN ME	TYPE OF JOB:		гфА	
	CONTRACT		RIG 450		-		OPERATO			LL SERVICE		COUNTY:		SAN JUAN	STATE:	NEW	MEXICO
MATERIAL	S FURNISH	IED:			TYPE OF PL	UGS:	LIST (SG. HARI		SQUEEZE	TOP		PI	HYSICAL SLURE			
					OP					MANIFOLD:	OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX
				ВО	ТТОМ		}				EACH	WEIGHT:	YIELD:	REQ.:	TIME: hr:mm	LLI	WATER:
DDE ELUE	H - FRES	LI WATER								ı	FLUID:	Lb/gal	Cuft/sk	Gals/sk	nr:mm	bbls	bbls
FKE-FLUS	FKES	II WAIEK													 	1	
Plua 5: Pui	mned 10.7h	bls cement	slurry ((5)	2sx: 15.8n	na. 1.15cuf	t/ft, 5.0gals/sk)) 40sx out:	4sx hlw	ret.: 8sx on	ton	2353'	15.80	1.15	5.00		10.2	6.2
riug o. r ui	inped reiri	DIO COMONE	Sidily ((O	ши, толор	pg, 1.100ui	urt, ologuioron	,,, 400x out,	TOX DITE	rou, oox on	тор	2000	10.00	1.10	0.00		10.2	0.2
Plug 6: Pui	mped 7.2bb	ls cement s	lurry ((35	sx; 15.8pp	g, 1.15cuft/	ft, 5.0gals/sk))				1592'	15.80	1.15	5.00		7.2	4.2
J	•					, u ,,	·										
AVAILABLE N	HOLE	380.0	BBLS	TRO	AVAILABLE I CSGD.P.	DISPLACEMENT	WATER:		BBLS CSGD.P.					COLLAR DEPTI		IX WATER:	10.4
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT		DEPTH			SHOE	FLOAT	STAGE	1	
12 1/4	100%	296'	8 5/8	24.00	J-55	296'	2 3/8	4.70	J-55	3398'					2100'/4663'		
	LAST C		•		-CMT RET-BR		PERF DE				ONNECTION				LLBORE FLUID		
SIZE	WEIGHT	TYPE	DEPTH 6646'	BRANI	D & TYPE	DEPTH	TOP	BOTTOM	4	SIZE	THREAD	-		TYI		WEIGHT	
4 1/2	10.50	J-55 EMENT VOLU	6646' ME: BBL	CAL. PSI	CAI	MAX PSI	6388' OP. MAX	6597' MAX	(TBG. PSI	2 3/8 MAX	8 ROUND CASING PSI			PRODUCE DISPLACEMENT F		8.40 W	ATER
TUBING	CASING	CASING	TOTAL	BUMP PLUG		REVERSE	SQ. PSI	RATED	OPER	RATED	OPER	1		TYPE	WEIGHT	_	URCE
						650	650		1,100		650	<u></u>	FRE	SH WATER	8.33		WATER
		UBLE SETTING PRIOR TO CE															
KONNING C	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	. NIOR TO CE	LIVI ING:														
		PUMP DE	TAILS:								DAILY SU	JMMARY:					
TIME	PRESSU	JRE - PSI	RATE	BBL FLUID	FLUID	SAFETY MEETIN	IG:	CREW	7	CO. REP.	/						
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES:				PSI	_						
						CIRCULATED TH	HE WELL:		RIG PUMP	CMT PUMP	<i>4</i>						
6:00	-	-	-	-	-	Travel to loca											
7:00	-	-	-	-	-	Pre-Start Ins											
7:15	0	0/0	-	-	-	Check PSI or						DIM					
7:30	-	-	-	-	-						",,,witnessed by	BLM					
7:54 8:05		-	-	-	- H2O	TOOH w/ tub					Prossura tastar	Leasing to	SEOnei N	O tost witness	od by RI M ron		
8:18		-			H2U						rforate casing	i casing to	оэорыи	O testwitness	ей ву выи гер		
-		_	-	-	-						orated casing s	uccessfully	,				
-	-	-	-	-	-	ROOH w/ wir						,					
9:20		-	-	-	-	1					otate & set retai	ner succes	sfullyST	ING out			
10:27		0	1.00	2.00	H2O	Pumped 2.0b	bls water to	load ca	asingSTIN	G back into	retainer to est. i	nj. Rate					
10:35	1,000	0	1.00	4.50	H2O	Pumped 4.5b	bls to est. i	nj rate a	t 1.0bpm at	1000psipr	epare for cemen	t					
10:53	950	0	1.00	2.00	H2O	Pumped 2.0b	bls water a	head									
10:55	850	0	1.50	10.70	CEMENT	Pumped 10.7	bbls cemer	t slurry	((52sx; 15.8	ppg, 1.15cuf	t/ft, 5.0gals/sk))	40sx out; 4	sx blw ret,	; 8sx on top			
11:00	900	0	1.50	7.90	H2O	Pumped 7.9b			cementes	t. TOC @ 23	53'						
11:10		-	-	-	-	SDSTING											
11:30	-	-	-	-	-	TOOH w/ tub	_	nger									
-	-	-	-	-	-	TIH w/ tag su											
16:20	-	-	-	-	-	SDresume		of come	nt Tagged	TOC at 2200	' witnessed by	RI M and a	nrroyad hi	gher than expec	tod tan wait	on OCD	
10.20		-	-	-	-						on OCD approv		Piroveu ill	girer dian expec	u .ayWall	on OOD	
	650	650	2.00	-1.50	H2O								650nsi I	NO testwitnes	sed by R·I M r	ep.	
17:30	-	-	-	-1.50	-	***NMOCD a						. sasaniy to				-	
17:35	200	0	2.00	2.00	H2O	Pumped 2.0k				J							
17:37	150	0	2.00	7.20	CEMENT				(35sx; 15.8p	pg, 1.15cuft/	ft, 5.0gals/sk))						
17:42	100	0	2.00	6.20	H2O	Pumped 6.2b											
17:45		-	-	-	-	SDWOC ov	ernight						·				
17:50		-	-	-	-	TOOH w/ tub	ing to 520										
18:10	-	-	-	-	-	SD											
18:15	-	-	-	-	-	Secure wellh		ionSD	ON								
18:30	-	-	-	-	-	Travel to the	yard										
				-		-											
				1		-											
				-													
				1													
				 		 											
BUMPED	pq	I TO	TF	ST	TOTAL	BBL CMT.	PSI		SPOT	AZTEC WE	LL SERVICING (O RFP ·		DE	AN MESTAS		
PLUG:		IMP		OAT	BBL.	RETURNS/	LEFT ON		TOP	CUSTOMER					SON PEACE		
		UG:		PMENT:	PUMPED:	REVERSED:	CSG.:		EMENT:		REP. SIGNATU	IRE:					
					41.0	2.0	0	235	53'/1592'	<u> </u>				CUSTOM	ER AUTHORIZING AGEN	IT	
					-												



BOTTOM		•						ZERVICE GLID:	RUAM	Sec.13.T26	:	LUCATION						LLL NAME	LEASE & V
True of Pulses		CTATE.					_	-			٠.	ODEDATO		#1	EDERAL			ONTRACT	SEDVICE 1
PRE-FLUSH - FRESH WATER	LOTICO					JOUNTY:	c						100.	TVDE OF TO		KIG 450			
PRE-FLUSH - FRESH WATER		PUMP	RRY			CLUDDY	H			WARE:	SG. HARD	LIST	JGS:		-		ED:	S FURNISH	WATERIAL
PROPERTURBER - PRESENTATER Plug 7: Pumped 4 fibble cement shurry ((20as; 15.6ppg, 1.15culft); 5.0gala/ski) Plug 7: Pumped 4 fibble cement shurry ((20as; 15.6ppg, 1.15culft); 5.0gala/ski) Plug 8: Pumped 2 fibble cement shurry ((12as; 15.8ppg, 1.15culft); 5.0gala/ski) Plug 8: Pumped 2 fibble cement shurry ((12as; 15.8ppg, 1.15culft); 5.0gala/ski) Plug 8: Pumped 2 fibble cement shurry ((12as; 15.8ppg, 1.15culft); 5.0gala/ski) Plug 8: Pumped 2 fibble cement shurry ((12as; 15.8ppg, 1.15culft); 5.0gala/ski) Plug 8: Pumped 2 fibble cement shurry ((12as; 15.8ppg, 1.15culft); 5.0gala/ski) Plug 1: Pumped 2 fibble cement shurry ((12as; 15.8ppg, 1.15culft); 5.0gala/ski) Plug 8: Pumped 2 fibble cement shurry ((12as; 15.8ppg, 1.15culft); 5.0gala/ski) Plug 1: Pumped 2 fibble cement shurry ((12as; 15.8ppg, 1.15culft); 5.0gala/ski) Plug 1: Pumped 2 fibble cement shurry ((12as; 15.8ppg, 1.15culft); 5.0gala/ski) Plug 1: Pumped 2 fibble cement shurry ((12as; 15.8ppg, 1.15culft); 5.0gala/ski) Plug 1: Pumped 2 fibble cement shurry ((12as; 15.8ppg, 1.15culft); 5.0gala/ski) Plug 1: Pumped 2 fibble cement shurry ((12as; 15.8ppg, 1.15culft); 5.0gala/ski) Plug 1: Pumped 2 fibble cement shurry ((12as; 15.8ppg, 1.15culft); 5.0gala/ski) Plug 1: Pumped 2 fibble cement shurry ((12as; 15.8ppg, 1.15culft); 5.0gala/ski) Plug 1: Pumped 2 fibble cement shurry ((12as; 15.8ppg, 1.15culft); 5.0gala/ski) Plug 1: Pumped 2 fibble cement shurry ((12as; 15.8ppg, 1.15culft); 5.0gala/ski) Plug 1: Pumped 2 fibble cement shurry (12as; 15.8ppg, 1.15culft); 5.0gala/ski) Plug 1: Pumped 2 fibble cement shurry (12as; 15.8ppg, 1.15culft); 5.0gala/ski) Plug 1: Pumped 2 fibble cement shurry (12as; 15.8ppg, 1.15culft); 5.0gala/ski) Plug 1: Pumped 2 fibble cement shurry (12as; 15.8ppg, 1.15culft); 5.0gala/ski) Plug 1: Pumped 2 fibble cement shurry (12as; 15.8ppg, 1.15culft); 5.0gala/ski) Plug 1: Pumped 2 fibble cement shurry (12as; 15.8ppg, 1.15culft); 5.0gala/ski) Plug 1: Pumped 2 fibble cement shurry (12as; 15.8ppg, 1.15culft); 5.0gala/ski)		TIME:							ANIFULD:	ŀ									
PREFILIDAD - PRESH WATER		hr:mm													ВО				
Pag 7: Pumped 4: bible coment slurry ((20as; 15.8ppg, 1.15cuthft, 5.0gslariski)) Pilug 7: pumped 2: bible coment slurry ((12as; 15.8ppg, 1.15cuthft, 5.0gslariski)) Pilug 8: Pumped 2: bible coment slurry ((12as; 15.8ppg, 1.15cuthft, 5.0gslariski)) Pilug 8: Pumped 2: bible coment slurry ((12as; 15.8ppg, 1.15cuthft, 5.0gslariski)) Top off 8: Cellar: Pumped 4: bible coment slurry ((12as; 15.8ppg, 1.15cuthft, 5.0gslariski)) Top off 8: Cellar: Pumped 4: bible coment slurry ((12as; 15.8ppg, 1.15cuthft, 5.0gslariski)) Top off 8: Cellar: Pumped 4: bible coment slurry ((12as; 15.8ppg, 1.15cuthft, 5.0gslariski)) NABALBIC ROW INVER: 300 8: Bible coment slurry ((12as; 15.8ppg, 1.15cuthft, 5.0gslariski)) NABALBIC ROW INVER: 300 8: Bible coment slurry ((12as; 15.8ppg, 1.15cuthft, 5.0gslariski)) NABALBIC ROW INVER: 300 8: Bible coment slurry ((12as; 15.8ppg, 1.15cuthft, 5.0gslariski)) NABALBIC ROW INVER: 300 8: Bible coment slurry ((12as; 15.8ppg, 1.15cuthft, 5.0gslariski)) NABALBIC ROW INVER: 300 8: Bible coment slurry ((12as; 15.8ppg, 1.15cuthft, 5.0gslariski)) NABALBIC ROW INVER: 300 8: Bible coment slurry ((12as; 15.8ppg, 1.15cuthft, 5.0gslariski)) NABALBIC ROW INVER: 300 8: Bible coment slurry ((12as; 15.8ppg, 1.15cuthft, 5.0gslariski)) NABALBIC ROW INVER: 300 8: Bible coment slurry (12as; 15.8ppg, 1.15cuthft, 5.0gslariski)) NABALBIC ROW INVER: 300 8: Bible coment slurry (12as; 15.8ppg, 1.15cuthft, 5.0gslariski) NABALBIC ROW INVER: 300 8: Bible coment slurry (12as; 15.8ppg, 1.15cuthft, 5.0gslariski) NABALBIC ROW INVER: 300 8: Bible coment slurry (12as; 15.8ppg, 1.15cuthft, 5.0gslariski) NABALBIC ROW INVER: 300 8: Bible coment slurry (12as; 15.8ppg, 1.15cuthft, 5.0gslariski) NABALBIC ROW INVER: 300 8: Bible coment slurry (12as; 15.8ppg, 1.15cuthft, 5.0gslariski) NABALBIC ROW INVER: 300 8: Bible coment slurry (12as; 15.8ppg, 1.15cuthft, 5.0gslariski) NABALBIC ROW INVER: 300 8: Bible coment slurry (12as; 15.8ppg, 1.15cuthft, 5.0gslariski) NABALBIC ROW INVER: 300 8: Bible coment slurry (12as; 15.8ppg, 1.													•	_	_		H WATER	H - FRES	PRE-FLUS
Pugg 1- Pumped 2 Sabèle coment slurry ((15as; 15.8ppg, 1.15cufth, 5.0galarkh))																			
Page 2- Pumped 2-8 8 8 1	4.1			5.0	1.15	15.8		1104'					t, 5.0gals/sk))	g, 1.15cuft/f	x; 15.8ppg	urry ((20s	ls cement si	nped 4.1bb	Plug 7: Pu
Page 2- Pumped 2-8 8 8 1			_				_												
NOLLABLE NO WATER: 300.0 DR.3	2.5		_	5.0	1.15	15.8	_	1028'				als/sk))	15cuft/ft, 5.0g	15.8ppg, 1. ⁻	ry ((12sx;	ment slur	d 2.5bbls ce	off: Pumpe	Plug 7 top
NOLLABLE NO WATER: 300.0 DR.3			-				-												
AVAILABLE MIX WATES: 300.0 BILS	29.8		+	5.0	1.15	15.8	+	Surface	oit	d cement to	bbls goo	k)) circ. 2.0	ft/ft, 5.0gals/s	ppg, 1.15cu	45sx; 15.8	slurry ((1	bls cement	mped 29.8b	Pliug 8: Pu
AVAILABLE MIX WATES: 300.0 BILS	4.5		$^+$	5.0	1 15	15 0	$^+$	Surface				lasis/sk\\	1 1Eoutt/# E /	v. 1E Onna	urn. ((22c)	nomont cl	and 4 Ebble	alları Bumı	Top off 9 (
MOLES TRO-CRO-D.P. TRO-CRO-D.P. TRO-CRO-D.P. TOP DEPTH SUE NECESS DEPTH SUE SUPERIOR TOPE DEPTH SUE NECESS DEPTH SUE SUE TOPE TOPE DEPTH SUE	4.5			3.0	1.13	13.0		Surface				igais/skj)	1.13cuit/it, 3.	х, тэ.орру,	urry ((223	cement si	Jeu 4.JDD13	enai. i uni	iop on a c
MOLES TRO-CRO-D.P. TRO-CRO-D.P. TRO-CRO-D.P. TOP DEPTH SUE NECESS DEPTH SUE SUPERIOR TOPE DEPTH SUE NECESS DEPTH SUE SUE TOPE TOPE DEPTH SUE																			
SEC SECRES SEPTIM SEC WEIGHT TYPE DEPTIM SEC PLOY	OTAL MIX WATE	TOTAL N								BBLS	300.0	WATER:	DISPLACEMENT			BBLS	380.0	IIX WATER:	VAILABLE I
1214 100% 206			PTHS																
LAST CASING		STAGE 2100'/4663'	+	FLOAT	SHOE			ł											
SUBJECT TYPE CEPTH SEARCH A TYPE CEPTH SAME A SAME		LBORE FLUID		WE			Т	CONNECTION		J-55						0 3/0			12 1/4
CASING CASING TOTAL BUMP PLUE TO REVERSE SQ. PS RATED OPER RATED OPER TOTAL BUMP PLUE TO REVERSE SQ. PS RATED OPER RATED OPER TOTAL SUMP PLUE TO REVERSE SQ. PS RATED OPER RATED OPER TOTAL SUMP PLUE TO REVERSE SQ. PS RATED OPER RATED OPER TOTAL SUMP PLUE TO REVERSE SQ. PS RATED OPER RATED OPER TOTAL SUMP PLUE SUMP PLUE TOTAL SUMP PLUE SU	WEIGH	PE	TYPE	TY												DEPTH			SIZE
EXPLANATION: TROUBLE SETTING TOOL RUNNING CASING, ETC., PRIOR TO CEMENTING: PUMP DETAILS: DAILY SUMMARY: DAILY SUMMAR	R 8.40		_					•											
	CLIT		IT FLU				-	1											
EXPLANTION: TROUBLE SETTING TOC. RUNNING CASING, ETC., PRIOR TO CEMENTING.		WEIGHT 8.33	+		FDEG		\dashv	1	KAIED		KAIED				DUMP PLUG	IOIAL	CASING	CASING	TUBING
PUMP DETAILS RATE BBL FILID FLUID SAFETY MEETING COREY COREP. DAILY SUMMARY.	UI	0.33			ines			000		1,100		030		'					
PUMP DETAILS																			
Time																			
Time													ı	0					
HR: MRC						MARY:	SUMN		CO PED	/	CPE///	10.	CAFETYA	F1.110	DDI STORE			DD=er:	T14.5
							\dashv				OVEAA [16.							
6:00												IE WELL:			23.				
7:00 - - - - Pre-Start Inspection, Service & Start equipment 7:10 0 0/0 - - Check PSI on Well: Tbg = 0psi; Csg = 0psi; BH = 0psi. 1 - - - TIH W It buils to 1 stag to p of cement Tagged TOC at 1561*,witnessed by BLM 2 - - - - TIH W It buils to 1 stag to p of cement Tagged TOC at 1561*,witnessed by BLM 200 0 2.00 1.00 H2O Pumped 2.0bbis water to load casing SHUT in casingPressure tested casing to 850psiNO test witnessed by EL 150 0 2.00 4.10 CEMENT Pumped 4.1bbis water for displacement Est. TOC at 1104* 8:20 - - - - - SDWOC Ahrs 8:30 - - - - SDWOC Ahrs 8:30 - - - - TIH w/ It buils to tag to p cement Tagged TOC at 1185*,witnessed by BLMTOC to low, not enough coverage for respective to post post post post post post post p														-	-	-	-	-	6:00
- - - - - - - THH /tubing to tag top of cementTagged TOC at 1561*,witnessed by BLM									nt	art equipme	vice & S				-	-	-	-	
Company Comp					·				l = 0psi.	sg = 0psi; B	= 0psi; C	Well: Tbg	Check PSI or		-	-	0/0	0	7:10
200						LM	by BL	l',,,witnessed by						-			-	-	
200																		-	
150	M rep.	ed by BLM rep	ssed) testwitness	50psiNC	asing to 6	ed ca	.Pressure teste	in casing	singSHUT									
150								(6, F.O	. 4 25	10 15 -									
8:20 SDWOC 4hrs 8:30																			
8:30 TOOH w/ tubing 12:20 THW / tubing to tag top of cementTagged TOC at 1185′,,,witnessed by BLMTOC to low, not enough coverage for								U4 ⁻	100 at 110	ementEs	or aisplac								8.20
12:20																		-	
	formation	age for forma	/oran	nt enough cove	to low no	IM TOC	hy RI	5' witnessed hy	OC at 1185	t Tanned t	of comer								
13:00	ioiiiatioii	uge for formu	rerug	t chough cover	10 1011, 110	<u> </u>	<u> </u>	,,,withessea by											
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 displacementEst. TOC at 1028' 13:21 -	e for cement	prepare for	oitr	of cement to pit	ad 0.5bbl o	op offh	a 7 to	clean for plug				_						0	
13:18											ead	bl water ah	Pumped 1.0b				0	200	
13:21)	ft, 5.0gals/sk))	g, 1.15cuft/1	12sx; 15.8pp	slurry ((bls cement	Pumped 2.5b	CEMENT	2.50	2.00	0	150	13:15
13:28								128'	TOC at 10	ementEs	or displac	bls water fo	Pumped 3.9b	H2O	3.90	2.00	0	150	13:18
17:10														-	-	-	-	-	13:21
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 gunverified all shots firedclosed blind rams on BOP 18:15 80 0 2.00 6.00 - Pumped 6.0bbls water to est. inj. Rate from surfaceEstablished Injection rate at 3.0bblspm at 80psi with circulation rate at 3.0bblspm at 80psi with circ														-	-	-	-	-	
17:53						LM	by BL	3',,,witnessed by	OC at 1058	tTagged	of cemer				-	-			
18:00 - - - - ROOH w/ wireline & LD perf gunverified all shots firedclosed blind rams on BOP 18:15 80 0 2.00 6.00 - Pumped 6.0bbls water to est. inj. Rate from surfaceEstablished Injection rate at 3.0bblspm at 80psi with circulation 18:20 - - - - SDprepare 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 hru BH to to the slave of the sl										- d a									
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Secure equipment & location					d cellar	top off an	for t	ft, 5.0gals/sk)) f	g, 1.15cuft/1	22sx; 15.8pp	slurry ((2	bls cement	Pumped 4.5b	CEMENT	4.50	1.00	0	50	19:45
														-	-	-]	-	-	-
20:00											ation								
												yard	Travel to the	-	-	-	-	-	20:00
		AN MESTAS				REP.:	CO												
	ACE	SON PEACE	JASC	JA		F	TUR												PLUG:
PLUG: EQUIPMENT: PUMPED: REVERSED: CSG.: CEMENT: CUSTOMER REP. SIGNATURE: 68.1 0 1185'/1058'/Surf. CUSTOMER REP. SIGNATURE: CUSTOMER AUTHOR	ZING AGENT	ER AUTHORIZING AGE	OMER A	CUSTON		L.	· UKE	N NEF. SIGNATI	JOSTOWIER				NEVERSED:		MENI:	EWUIP		PL	



CUSTOME	R:		MORNIN	GSTAR OF	PERATING,	LLC.	DATE:		October 3	0, 2023	API Number:	30-045	-11676	TYPE OF JOB:		P&A	
LEASE & W	ELL NAME	i:	TIBBAR	FEDERAL	#1		LOCATION		Sec.13,T2	6N,R09W	SERVICE SUP:		DEAN ME	STAS			
	ONTRACT		RIG 450				OPERATO			ELL SERVICE		COUNTY:		SAN JUAN	STATE:		MEXICO
MATERIAL	S FURNISH	IED:			TYPE OF PL	UGS:	LIST	SG. HARE	DWARE:	SQUEEZE	TOP			IYSICAL SLURR			
					TOP					MANIFOLD:	OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX
				BO	TTOM		ł				EACH FLUID:	WEIGHT: Lb/gal	YIELD: Cuft/sk	REQ.: Gals/sk	TIME: hr:mm	bbls	WATER: bbls
DDE ELLIS	H - FRES	LI WATER		4			Į.				T EGID.	Lurgai	Outrak	Cais/sit	111.311111	bbis	5513
FKE-FLUS	n - FRES	ON WAIER															
AVAILABLE N	IIX WATER:	380.0	BBLS		AVAILABLE	DISPLACEMENT \	WATER:		BBLS						TOTAL MI	X WATER:	0.0
	HOLE				GCSGD.P.	T			CSGD.P.	1				COLLAR DEPTH			
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	1	DEPTH	SIZE	WEIGHT		DEPTH			SHOE	FLOAT	STAGE		
12 1/4	100%	296'	8 5/8	24.00	J-55	296'	2 3/8	4.70	J-55	0'	ONNECTION			14/51	2100'/4663'		
SIZE	WEIGHT	TYPE	DEPTH		P-CMT RET-BR D & TYPE	DEPTH	TOP	воттом	1	SIZE	THREAD	1		TYF	LBORE FLUID	WEIGHT	
4 1/2	10.50	J-55	6646'	DIVANI	- WILLE	DEFIII	6388'	6597'	1	2 3/8	8 ROUND	1		PRODUCE		8.40	
		CEMENT VOLU		CAL. PSI	CAL	. MAX PSI	OP. MAX		TBG. PSI		CASING PSI			DISPLACEMENT F			ATER
TUBING	CASING	CASING	TOTAL	BUMP PLUG		REVERSE	SQ. PSI	RATED	OPER	RATED	OPER]		TYPE	WEIGHT		URCE
					1	650	650		1,100	<u></u>	650	<u> </u>	FRE	SH WATER	8.33		WATER
		UBLE SETTING		1													
RUNNING C	ASING, ETC.,	PRIOR TO CE	MENTING:														
		PUMP DE						CREW	7	CO. REP.	DAILY SU	JMMARY:					
TIME	PRESSI	JRE - PSI	RATE BPM:	BBL FLUID PUMPED:		SAFETY MEETIN	IG:	CREW	<u> </u>		<u> </u>	-					
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES: CIRCULATED TH	IE WELL.		RIG PUMP	PSI CMT PUMP	7	1					
C-00			_	+					KIG FOWF	CWITFOWF	*1	l					
6:00	-	-	-	-	-	Travel to loca			**************************************								
7:00	-	-	-		-	Pre-Start Ins			start equipi	nent							
-	-	-	-	-	-	Rig down rig											
-	-	-	-	-	-	Load equipm		pare for	r travelen	d of well							
8:30	-	<u> </u>	-	-	-	Road rig to the	ne yard										
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BUMPED	PS	I TO	TE	EST	TOTAL	BBL CMT.	PSI		SPOT	AZTEC WE	LL SERVICING C	O REP.:	·	DE	AN MESTAS		
PLUG:		JMP		OAT.	BBL.	RETURNS/	LEFT ON		TOP	CUSTOME				JAS	SON PEACE		
	PL	UG:	EQUIF	PMENT:	PUMPED:	REVERSED:	CSG.:	CE	MENT:	CUSTOME	R REP. SIGNATU	IRE:		0.000	R AUTHORIZING AGEN	r	
			1		0.0	1	0			1				CUSTOME	R AUTHORIZING AGEN	1	

10/31/2023

Prepared by: JRyza

Date: 05/18/2023

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

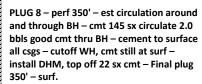
1st stage lead: 175sx 50/50 Pozmix 1st stage tail: 100sx reg cement 2nd stage: 250sx 50/50 Pozmix 3rd stage: 500sx 50/50 Pozmix

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



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

Updated and Final P&A Bberry

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'

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'

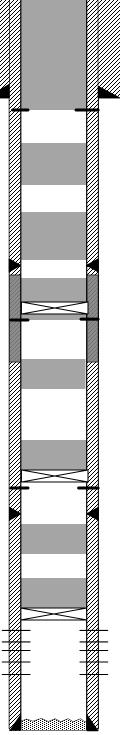
PLUG 5 (Chacra) – tst csg no test – witnessed by BLM – perf 2502' – set cmt retainer 2454' – attempt to est inj – est inj 1.0 bpm at 1000 psig – cmt 52 sx total – 40 sx behind pipe, 4 sx below retainer, 8 sx on top of retainer – WOC 4hrs tag cmt 2296' (vs 2353' estimated) – tag witnessed by BLM rep – 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 repperf 4515' – set retainer 4463' – attempt inj below tbg 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'



PBTD: 6,624 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 284837

CONDITIONS

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

CONDITIONS

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