

U.S. Department of the Interior BUREAU OF LAND MANAGEMENT Sundry Print Repor

Well Name: NATANI Well Location: T21N / R6W / SEC 3 /

NENW / 36.08421 / -107.459988

SANDOVAL / NM

Well Number: 17 Type of Well: CONVENTIONAL GAS

WELL

Allottee or Tribe Name:

County or Parish/State:

EASTERN NAVAJO

Lease Number: N00C14205757 **Unit or CA Name: Unit or CA Number:** 

**US Well Number: 300432061000S1** Operator: M & M PRODUCTION &

**OPERATION** 

### **Subsequent Report**

Sundry ID: 2820261

Type of Action: Plug and Abandonment Type of Submission: Subsequent Report

Date Sundry Submitted: 10/31/2024 Time Sundry Submitted: 01:55

Date Operation Actually Began: 09/27/2024

Actual Procedure: Work completed on September 30, 2024. See attached after work wellbore schematic with daily notes, and pictures of the marker. Aztec Well Servicing Co. completed the work as the contractor for New Mexico Oil Conservation Division. The Bureau of Land Management Farmington Field Office and the Federal Indian Minerals Office requested the work to be completed.

#### **SR Attachments**

#### **Actual Procedure**

SR\_NATANI\_17\_3004320610\_KR\_10312024\_20241031135516.pdf

#### **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: 10/31/2024

Signature: Kenneth Rennick

Page 1 of 1

End of Well Report Natani #17 API: 30-043-20610 03-21N-06W GL 6928'

SURF CSG: Hole size: Csg size: Wt: Grade ID: Depth: Cap cf/ft: TOC:	12-1/4" 8-5/8" 24# 8.097 95' 0.3576 surface	FORM TOPS: Nacimiento Top: Ojo Alamo Top: Kirtland Top: Fruitland Top: Picture Cliffs Top: Chacra Top: Mesa Verde Top: Mancos Top: Gallup Top: Dakota Top:	surface 698' 783' 918' 1190' 1630'			09-27-24: Plug 3: 146' - surface, Mix & Pumped 30sx ttl F: 146' T: Surface, Circ. 2.0bbls good cmt to surf., WOC OW 09-30-24: Cut-off WH, TOC in csg at 0'; TOC in BH at 0', Install DHM, Mix & Pumped 5sx ttl t0 fill cellar. End of Well.  09-27-24: Plug 2: PC, Fruit, Kirt, Ojo - Mix & Pumped 46sx ttl F: 1242' T: TOC 648'.
PROD CSG:						
Hole size:	7-7/8"					
Csg size:	4-1/2"					09-27-24: Run CBL - F: 1489' T: Surface
Wt:	10.5#					Set CICR at 1489', PT csg - Tested Good, Had inj. rate thru CICR,
Grade						Plug 1: Chacra - Mix & Pump 47sx ttl (35sx
ID:	4.052	PERFS:	1600' - 170	07		blw; 12sx on top). TOC at 1332'
Depth:	1886'	PBTD:	1,86	30'		
Cap cf/ft:	0.0896	TD:	1,90	00'		

#### **Plugging Information**

Class G cmt used mixed @ 15.8 ppg, yield 1.15 cuft/sx

Regulatory representative: E. Medrano NMOCD - C. Yazzie BLM

Marker GPS Coordinates: 36.08447, -107.45989

Csg/OH Ann:

TOC:

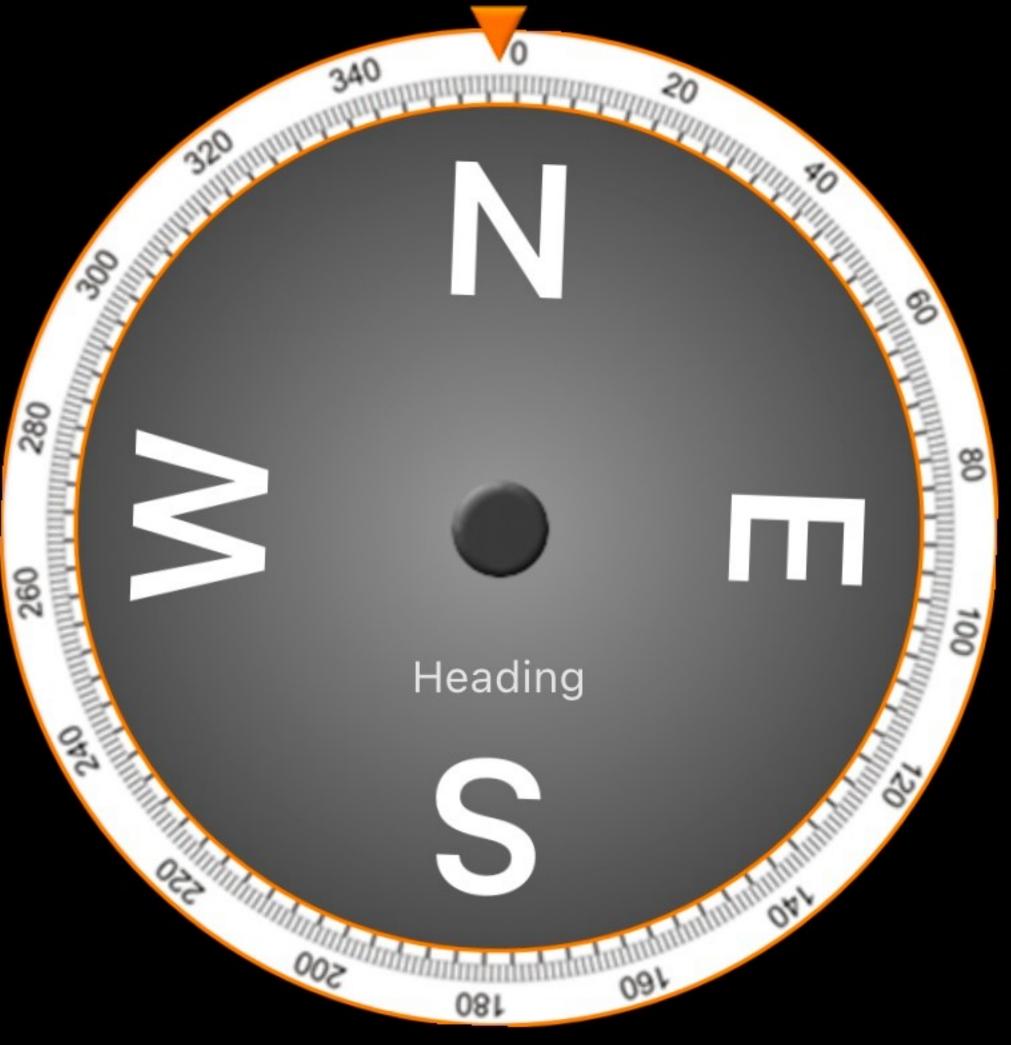
Csg/OH Ann, cf/ft: 0.2278

surface

Course

Heading

358°





36.08447°N, 107.45989°W













# AZTEC WELL SERVICING CO.

# **CEMENT JOB DETAIL SHEET**

CUSTOME			NEW ME	XICO OCD	)		DATE:		Septembe	r 26, 2024	API Number:	30-043	-20610	TYPE OF JOB:		P&A	
LEASE & W	ELL NAME	:	NATANI #	<b>#17</b>			LOCATION	l:	Sec.03,T2	1N,R06W	SERVICE SUP:		DEAN ME	STAS	_		
SERVICE C			748/CT2				OPERATO	R:	AZTEC WI	ELL SERVICE	<u> </u>	COUNTY:		SANDOVAL	STATE:		MEXICO
MATERIAL	S FURNISH	IED:			TYPE OF PLU	UGS:	LIST (	CSG. HARD	WARE:	SQUEEZE	TOP			IYSICAL SLURF			
					ГОР		ļ			MANIFOLD:	OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX
				BO	TTOM		ļ				EACH FLUID:	WEIGHT: Lb/gal	YIELD: Cuft/sk	REQ.: Gals/sk	TIME: hr:mm	bbls	WATER: bbls
DDE ELLIS	U EDEC	U WATER					I.			I.	T LOID.	Lu/gai	Cultisk	Gais/sk	111.111111	DDIS	DDIS
PRE-FLUS	H - FKES	HWAIEK															
AVAILABLE N		210.0	BBLS			DISPLACEMENT V	WATER:	200.0								X WATER:	0.0
0.75	HOLE	DEDT!	0.75		SCSGD.P.	DEDT!	0175		CSGD.P.	DEDTU			01105	COLLAR DEPTI			
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT		DEPTH			SHOE	FLOAT	STAGE	ł	
12	100% LAST C	95'	8 5/8	24.00	K-55 -CMT RET-BR	95'	2 3/8 PERF DE	4.70	J-55	1570'	ONNECTION		-	- WEI	LLBORE FLUID	<u> </u>	
SIZE	WEIGHT	TYPE	DEPTH	•	D & TYPE	DEPTH	TOP	BOTTOM	1	SIZE	THREAD	1		TY		WEIGHT	
4 1/2	10.50	K-55	1886'	SAVAINE		25. 711	1600'	1707'	1	2 3/8	8 ROUND	1			D WATER	8.40	
		EMENT 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	1		TYPE	WEIGHT		URCE
						350	500		650		300	<u> </u>	FRE	SH WATER	8.33		WATER
		UBLE SETTING		MI all equin	ment. Spot rin	and rig up. NDW	H. NUBOP. TO	OH & LD	old tubina. Roj	ınd trip cəsina s	craper. SDON.						
RUNNING C	ASING, ETC.,	PRIOR TO CE	MENTING:		, -p-119		,.0				.,						
						1											
		PUMP DE						ODEW	-	00 DED	DAILY SU	MMARY:					
TIME		JRE - PSI	RATE	BBL FLUID	FLUID	SAFETY MEETIN	IG:	CREW	<i>J</i>	CO. REP.	<u> </u>						
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES:	ie wei i		RIG PUMP	PSI CMT PUMP	7	-					
					<b>-</b>	CIRCULATED TH				CMT PUMP	*						
10:00	-	-	-	-	-	Load equipm			location								
-		-		-	-	Spot all equi											
-	80	110/0		-	-	Check PSI or											
-	-	-	-	-	-						p rig floor and h						
-	-	-	-	-	-	TOOH and LI	D 50jts, 1- S	N, 1- MA	w/ notched	d/pinned coll	ar from the well.	casing an	d tubing v	enting foam dur	ring trip out		
-	-	-	-	-	-	TIH and tally	bit, casing	scraper,	bit sub and	tubing to 15	70'no obstruc	tions felt d	uring trip	in			
-	-	-	-	-	-	Pumped 10.0	bbls water	down ba	ckside casi	ing to wash o	ff scraper and k	eep well fro	om blowin	g foam			
-	-	-	-	-	-	TOOH w/ tub	ing and LD	scraper	assy								
17:15	-	-	-	-	-	SDONsecu	re wellhead	d and loc	ation								
17:30	-	-	-	-	-	Travel to AW	S yard										
														· · · · · · · · · · · · · · · · · · ·			
			<u> </u>														
			<del>                                     </del>	<del>                                     </del>													
			<del>                                     </del>	<del>                                     </del>													
			<del>                                     </del>	1													
			$\vdash$	$\vdash$	<del>                                     </del>												
<b>-</b>			<del>├</del>	<del>                                     </del>	<del> </del>												
<b>-</b>			<del>├</del>	<del>                                     </del>	<del> </del>												
			<del></del>	<u> </u>	<del>                                     </del>												
			Ь——	<del>                                     </del>	<del>                                     </del>												
			<u> </u>	<b> </b>	<u> </u>												
			Ь——	<u> </u>	<del>                                     </del>												
			—	ļ	<del>                                     </del>	1											
			—	<u> </u>	<b></b>			***OPER	ATIONS WI	TNESSED B	: NMOCD REP.:		BI	LM REP.:	***		
			<u> </u>	ļ	<b></b>												
			<u> </u>														
BUMPED		ТО		EST	TOTAL	BBL CMT.	PSI		SPOT		LL SERVICING O	O REP.:		DE	AN MESTAS		
PLUG:		IMP		OAT	BBL.	RETURNS/	LEFT ON		TOP	CUSTOMER					EILEEN		
	PL	UG:	EQUIP	PMENT:	PUMPED:		CSG.:	CE	MENT:	CUSTOMER	R REP. SIGNATU	RE:		CHRICIA	ER AUTHORIZING AGEN	т	
			1		0.0	0.0	0							CUSTOM	LIN AU INURIZING AGEN	1	



# AZTEC WELL SERVICING CO.

# **CEMENT JOB DETAIL SHEET**

	_	-					LIVILI	11 5	OB DE	· I AIL \	SHEET						
CUSTOMER				KICO OCD			DATE:		September		API Number:	30-043		TYPE OF JOB:		P & A	-
	ELL NAME:		NATANI #17				LOCATION		Sec.03,T21		SERVICE SUP:	00:11:=	DEAN MESTAS				MEV:0-
	ONTRACTO		748/CT2		mm=		OPERATOR			LL SERVICE		COUNTY:		SANDOVAL	STATE:		MEXICO
MATERIALS	5 FURNISH	ED:			TYPE OF PLU OP	JGS:	LIST C	SG. HARI	DWARE:	SQUEEZE MANIFOLD:	TOP OF	SLURRY	PI SLURRY	HYSICAL SLURI WATER	RY PROPERTIE PUMP	SLURRY:	MIX
					ТОМ		]				EACH	WEIGHT:	YIELD:	REQ.:	TIME:	2_0(1.	WATER:
											FLUID:	Lb/gal	Cuft/sk	Gals/sk	hr:mm	bbls	bbls
PRE-FLUSI	H - FRESI	H WATER										ļ			1		
			. ,,,=	45.0							40001	45.00					
Plug 1: Pumped 9.7bbls cement slurry ((47sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk)) 35sx below; 12sx on top retainer											1332'	15.80	1.15	5.00		9.7	5.6
Plug 2: Pumped 9.4bbls cement slurry ((46sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk))												15.80	1.15	5.00		9.4	5.5
, and a segment of the segment of th												13.00	1.13	3.00		5.4	3.3
Plug 3: Pumped 5.7bbls cement slurry ((27.5sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk))												15.80	1.15	5.00		5.7	3.3
r wy o. r winyou o., ppio ceineir aiurry (Erioax, 10.0ppy, 1.10culuit, 3.0yaia/ak/)											Surface						
Plug 3: Pumped 0.5bbls cement slurry ((2.5sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk)) top off casing after tubing was LD											Surface	15.80	1.15	5.00		0.5	0.3
AVAILABLE M	HOLE	210.0	BBLS	TRG	AVAILABLE D CSGD.P.	DISPLACEMENT V	WATER:	200.0	BBLS CSGD.P.					COLLAR DEPT		IX WATER:	14.7
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT	TYPE	DEPTH			SHOE	FLOAT	STAGE	1	
12	100%	95'	8 5/8	24.00	K-55	95'	2 3/8	4.70	J-55	1489'			-	-	-		
	LAST C				CMT RET-BR		PERF DE				ONNECTION				LLBORE FLUID		
SIZE 4 1/2	WEIGHT 10.50	TYPE K-55	DEPTH 1886'	BRAND	& TYPE	DEPTH	TOP 1600'	1707'	4	SIZE 2 3/8	THREAD 8 ROUND	1			PE ED WATER	WEIGHT 8.40	
		K-55 EMENT VOLU		CAL. PSI	CAL.	MAX PSI	OP. MAX		( TBG. PSI		8 ROUND CASING PSI			DISPLACEMENT I			ATER
TUBING	CASING	CASING	TOTAL	BUMP PLUG		EVERSE	SQ. PSI	RATED	OPER	RATED	OPER	]		TYPE	WEIGHT		URCE
						350	500		650		300		FRE	SH WATER	8.33	CITY	WATER
		JBLE SETTING PRIOR TO CEM PUMP DET	MENTING:	TIH & Set re	tainer, PT csg	- testd good, Ru	n CBL, Pump p	ilug 1, Pui	mp plug 2, Pun	np plug 3, RD h	andling equipment, N		H, SDOW.				
TIME	PRESSU	IRE - PSI	RATE	BBL FLUID	FLUID	SAFETY MEETIN	IG:	CREW	7	CO. REP.	1						
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES:				PSI							
						CIRCULATED TH			RIG PUMP	CMT PUMP	4						
5:00	-	-	-	-	-	Travel to loca											
7:00	-	- 0/0	-	-		PJSM, Servic				DII 0:: '							
7:15 7:20	0	0/0	-	-	-		Check PSI on Well: Tbg = Opsi; Csg = Opsi; BH = Opsi.										
7:20 8:52	200	0	2.50	35.00	- H2O		FIH w/ cement retainer and tubing to setting depth of 1489'rotate and set retainer successfullySTING OUT Pumped 35.0bbls fresh water to circulate the well cleanprepare to pressure test casing										
9:30	-	-	-	-	-	SHUT INpr						1831 C	Loning				
-	-	-	-	-	-	TOOH w/ tub											
-	-	-		-		MIRU wireling											
-		-	-	-		RIH w/ CBL to	ools and wi	eline to	1489'			<u></u>	·			-	
-	-	-	-	-	-				to perform	CBL from 14	189' to surface						
-	-	-	-	-	-	Rig down wir			_								
12:00	-	-	-	-	-	TIH w/ Stinge					, .						
12.45	150 150	0	1.50	3.50	H2O						nsure clear path	n pelow reta	ainer				
12:45	150 -	0	3.00	4.50	H2O -	Pumped 4.5b SDprepare			. Rate at 3.0	υριπ at 150p	31						
12:48	150	0	1.50	1.00	H2O	Pumped 1.0b											
12:57	100	0	1.50	9.70					(47sx; 15.8n	pg, 1.15cuft/	ft, 5.0gals/sk)) 3	5sx below:	12sx on to	p retainer			
12:59	100	0	1.50	3.30	H2O	Pumped 3.3b											
13:00	-	-	-	-	-	SDSTING O											
13:01	-	-		-	-	TOOH w/ tub	ing and LD	setting t	tool			·	·				
-	-	-	-	-	-	TIH w/ tubing			for cement								
14:36	150	0	1.50	3.00	H2O	Pumped 3.0b				,							
14:48	125	0	1.50	9.40							ft, 5.0gals/sk))						
15:05	100	0	1.50	2.50	H2O -	Pumped 2.5b	ods water fo	r displa	cementEs	st. 100 at 64	8.						
15:07 15:10	-	-	-	-		SD TOOH and LI	) tubing to	146'									
16:15	- 75	0	1.50	5.70					(27.5ex-15.9	Sppg 1 15cm	ft/ft, 5.0gals/sk))	circulated	2.0bbls.go	od cement to n	it		
-	-	-	-	-	-	SD SD	wio centrent	J. W. I. Y (	(ox, 1J.C	, , , , , , , , , , , , , , , , , , ,	, v.vyai3/3K))	on oundled	90	ou coment to p	**		
-	-	-	-	-	-	TOOH and LI	D remaining	4 joints	of tubina								
-	50	0	0.50	0.50						pg, 1.15cuft	/ft, 5.0gals/sk)) t	op off casir	ng after tu	bing was LD			
-	-	-		-							NDBOP, NUWH						
17:15	-	-	-	-	-	SDresume											
17:30	-	-	-	-	-	Travel to AWS yard											
							**	*OPER	ATIONS WIT	NESSED BY	NMOCD REP.:	EILEEN ME	DRANO	BLM REP.: CLA	Y YAZZIE***		
BUMPED	DC	TO		ST	TOTAL	BBL CMT.	PSI		SPOT	AZTEC ME	I SEBVICING O	O DED :		P. P.	AN MESTAS		
PLUG:	PSI BU	MP		DAT	BBL.	RETURNS/	LEFT ON		TOP	CUSTOMER	LL SERVICING C	O REP.:			EAN MESTAS EN MEDRANO		
. 250.	PLU			MENT:	PUMPED:	REVERSED:	CSG.:		EMENT:		R REP. SIGNATU	RE:		<u> </u>			
-					78.1		0		/648'/Surf.	1				CUSTOM	IER AUTHORIZING AGEN	п	



# AZTEC WELL SERVICING CO.

# **CEMENT JOB DETAIL SHEET**

CUSTOME				XICO OCD	1	DATE: September 30, 2024								P & A			
LEASE & W SERVICE C			NATANI #	<del>‡1</del> /			LOCATION		Sec.03,T21	N,RU6W LL SERVICE	SERVICE SUP:	COUNTY:	DEAN ME	SANDOVAL	STATE:	NFW	MEXICO
MATERIAL			. 40/012		TYPE OF PLU	JGS:		SG. HARD		SQUEEZE	TOP		Pl	IYSICAL SLURE	•		
				1	ОР		2.0. 0			MANIFOLD:	OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX
				ВО	ТТОМ						EACH FLUID:	WEIGHT: Lb/gal	YIELD: Cuft/sk	REQ.: Gals/sk	TIME: hr:mm	bbls	WATER: bbls
PRE-FLUS	H - FRES	H WATER								<u>I</u>	FLUID:	Lb/gai	Cult/SK	Gais/sk	nr:mm	DDIS	DDIS
I KL-I LOO	II - IKLO	HWAILK															
Cellar: Pun	nped 1.0bb	ls cement s	lurry ((5sx	; 15.8ppg,	1.15cuft/ft,	5.0gals/sk))					Surface	15.80	1.15	5.00		1.0	0.6
AVAILABLE N		210.0	BBLS			DISPLACEMENT V	VATER:	200.0							TOTAL MI	X WATER:	0.6
SIZE	HOLE % EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT	-CSGD.P.  TYPE	DEPTH			SHOE	FLOAT	STAGE		
12	100%	95'	8 5/8	24.00	K-55	95'	2 3/8	4.70	J-55	0'			-	-	-		
0	LAST				-CMT RET-BR		PERF DE				ONNECTION				LBORE FLUID	14/51.5	
SIZE 4 1/2	WEIGHT 10.50	TYPE K-55	DEPTH 1886'	BRANI	D & TYPE	DEPTH	TOP 1600'	1707'	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	TO R	EVERSE	SQ. PSI	RATED	OPER	RATED	OPER			TYPE	WEIGHT		URCE
				<del>                                     </del>			500		650		300		FRE	SH WATER	8.33	CITY	WATER
		UBLE SETTING		C.u	and lear " :	uhala :	eeller!: 5		all								
		PRIOR TO CE		Gulott Wellh	ıcau, INStali di	yhole marker, fill	cenar with 58	k, eria of W	Cil.								
		PUMP DE	TAILS:								DAILY SU	MMARY:					
TIME	PRESSI	JRE - PSI	RATE	BBL FLUID	FLUID	SAFETY MEETIN	IG:	CREW	J	CO. REP.							
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES:			_	PSI	_	1					
						CIRCULATED TH			RIG PUMP	CMT PUMP	4						
5:00	-	-	-	-	-	Travel to loca											
6:50 7:00		0/0	-	-	-	Pre-Start Ins Check PSI or				ent							
7:45	-	-	-	-	-	MIRU welder	i Well. Cag	_ opsi, L	711 = 0p3i.								
-	-	-	-	-	-		adcemen	t at surfa	ace on both	casingspi	epare to install i	narker					
-	-	-	-	-		Welded and I	nstalled dry	/hole ma	rkerwitne	ssed and ap	proved by BLM	and NMOCI	D onsite re	eps.			
-	25	0	0.50	1.00	CEMENT		bl cement s	slurry ((5	sx; 15.8ppg	, 1.15cuft/ft,	5.0gals/sk)) to fi	ll in cellar					
-	-	-	-	-	-	SD Discolarization											
9:00	<u> </u>	-	-	-	-	Rig down all END OF WEL				.wasn equip	ment						
									.,								
							· · · · · · · · · · · · · · · · · · ·		<del></del>				· · · · · ·	· · · · · ·	· · · · ·		
				ļ													
														_			
				-													
														_			
															<u> </u>		
							*	··*OPERA	ATIONS WIT	NESSED BY	: NMOCD REP.:	LILEEN ME	DRANO	BLM REP.: CLA	Y YAZZIE***		
BUMPED	PS	ТО	TE	ST	TOTAL	BBL CMT.	PSI	S	РОТ	AZTEC WE	LL SERVICING C	O REP.:		DE	AN MESTAS		
PLUG:		JMP		DAT	BBL.	RETURNS/	LEFT ON		ТОР	CUSTOMER				EILEI	EN MEDRANO		
	PL	UG:	EQUIP	MENT:	PUMPED:	REVERSED:	CSG.:		MENT:	CUSTOMER	R REP. SIGNATU	RE:		CUSTOME	ER AUTHORIZING AGEN	т	
			I		1.0	0.0	U	ા ડા	urface					OOO TOWN			

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 399620

#### **CONDITIONS**

Operator:	OGRID:
AZTEC WELL SERVICING CO	191362
300 Legion Road	Action Number:
Aztec, NM 87410	399620
	Action Type:
	[C-103] Sub. Plugging (C-103P)

#### CONDITIONS

Created By		Condition Date
loren.diede	None	11/5/2024