ceived by OCD: DI/5/2024 11:23:28 AM U.S. Department of the Interior BUREAU OF LAND MANAGEMENT		Sundry Print Repor
Well Name: NATANI	Well Location: T21N / R6W / SEC 4 / NENE / 36.084586 / -107.469167	County or Parish/State: SANDOVAL / NM
Well Number: 18	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: N00C14205758	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004320795	Operator: M & M PRODUCTION & OPERATION	

Subsequent Report

Sundry ID: 2820262

Type of Submission: Subsequent Report

Date Sundry Submitted: 10/31/2024

Date Operation Actually Began: 10/02/2024

Type of Action: Plug and Abandonment

Time Sundry Submitted: 01:57

Actual Procedure: Work completed on October 2, 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_18_3004320795_KR_10312024_20241031135723.pdf

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK

BLM POC Phone: 5055647742

Disposition: Accepted

Signature: Kenneth Rennick

BLM POC Title: Petroleum Engineer

BLM POC Email Address: krennick@blm.gov

Disposition Date: 10/31/2024

End of Well Report Natani #18 API: 30-043-20795 04-21N-06W GL 6910'

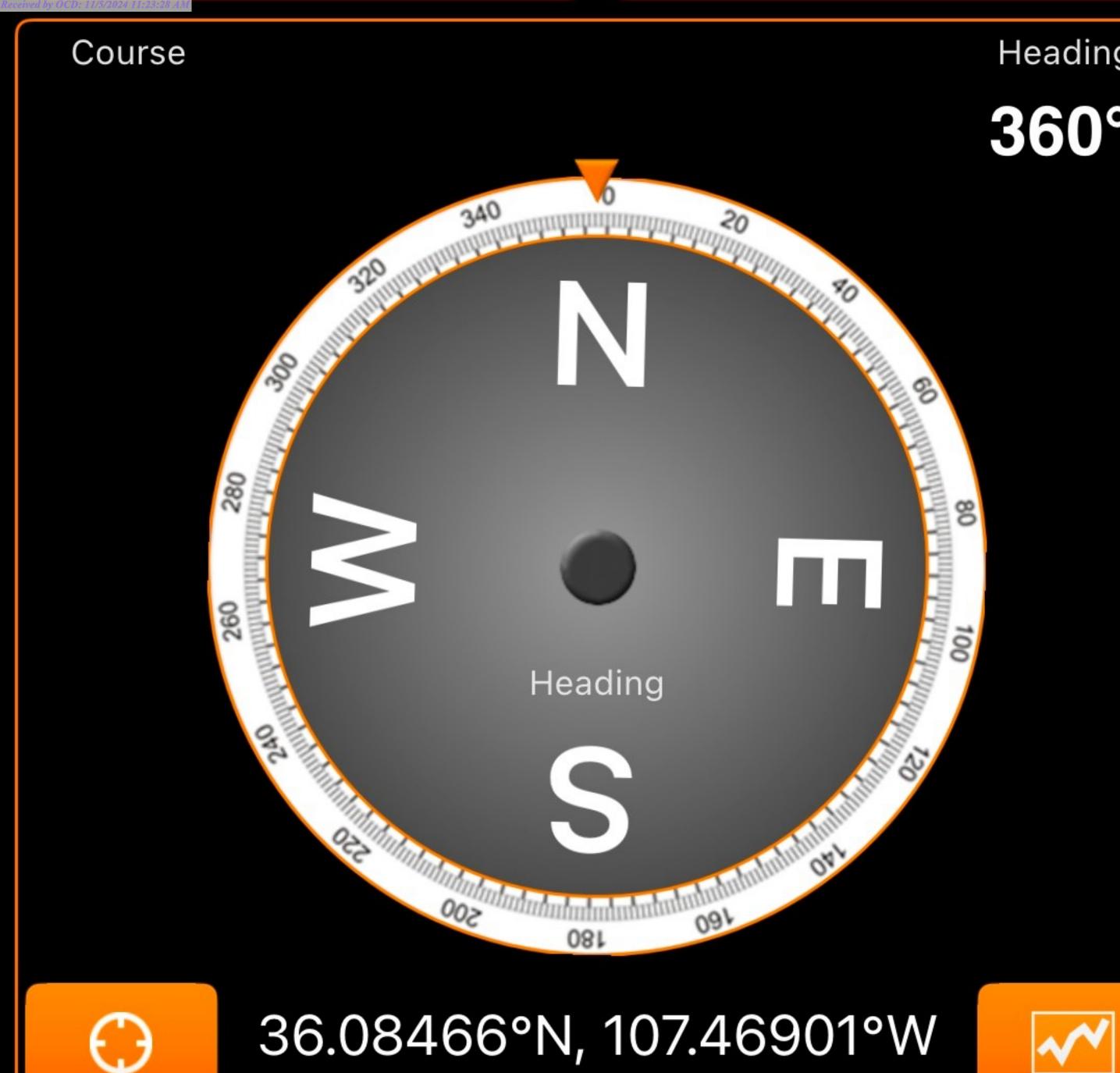
SURF CSG:		FORM TOPS:		
Hole size:	9"	Nacimiento Top:	surface	
Csg size:	7"	Ojo Alamo Top:	675'	
Wt:	23#	Kirtland Top:	728'	
Grade		Fruitland Top:	857'	
ID:	6.366"	Picture Cliffs Top:	1146'	
Depth:	99'	Chacra Top:	1525'	
Cap cf/ft:	0.221	Mesa Verde Top:		
TOC:	surface	Mancos Top:		
		Gallup Top:		
		Dakota Top:		
PROD CSG:				
Hole size:	6.5"			i i
Csg size:	2-7/8"			
Wt:	6.5#			
Grade				
ID:	2.441"	PERFS:	1546' - 1654'	
Depth:	1787'	PBTD:	1747'	
Cap cf/ft:	0.0325	TD:	1800'	
Csg/OH Ann:				
Csg/OH Ann, cf/f	t:			

10-02-24: Run CBL - F: 1496' T: Surface Set CIBP at 1496', TIH & tag CIBP at 1496', **Plug 1**: Chacra, PC, Fruit, Kirt, Ojo - Mix & Pump 60sx ttl F: 1496' T: Surface, WOC, Cutoff WH, TOC in csg at 0'; TOC in BH at 9'4", Install DHM, Mix & Pump 20sx ttl to top off casings and fill cellar. End of Well.

Plugging Information Class G cmt used mixed @ 15.8 ppg, yield 1.15 cuft/sx Regulatory representative: C. Smith NMOCD - C. Yazzie BLM Marker GPS Coordinates: 36.08466, -107.46901

surface

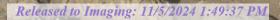
TOC:



Heading **360°**

WRIT LAGAR





Released to Imaging: 11/5/2024 1:49:37 PM





Page 6 of 11



MERCENTEL .

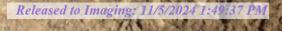
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Michael

22488

19 5 mil





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AZTEC WELL SERVICING CO.

CUSTOME					<u> </u>		DATE:		September		API Number:			TYPE OF JOB:		P & A	
	ELL NAME		NATANI # 748/CT2	<u>/18</u>			LOCATION OPERATO		Sec.04,T21 AZTEC WE	LL SERVICE	SERVICE SUP:	COUNTY:	DEAN ME		STATE:	NEW	MEXICO
	S FURNISH				TYPE OF PLU	JGS:		CSG. HARE		SQUEEZE	TOP		PI	HYSICAL SLURR			
					ГОР					MANIFOLD:	OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX
				BO	TTOM		ł				EACH FLUID:	WEIGHT:	YIELD:	REQ.:	TIME:	bblo	WATER:
	H - FRES										FLUID:	Lb/gal	Cuft/sk	Gals/sk	hr:mm	bbls	bbls
FRE-FLU3	H - FRES																
																	
AVAILABLE N	HOLE	210.0	BBLS	TBG	AVAILABLE D 5CSGD.P.	DISPLACEMENT	WATER:	200.0 TBG	BBLS					COLLAR DEPTH	TOTAL MI	X WATER:	0.0
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT	TYPE	DEPTH			SHOE	FLOAT	STAGE		
12	100%	99'	7	23.00	K-55	99'	1 1/4	2.33	J-55	1610'		-	-	-	-		
0175	LAST C		DEDTU		-CMT RET-BR		PERF DE	BOTTOM	4	TOP C SIZE					LBORE FLUID	WEIGHT	
SIZE 2 7/8	WEIGHT 6.50	TYPE K-55	DEPTH 1787'	BRAN	D & TYPE	DEPTH	TOP 1546'	1654'		SIZE 2 3/8	THREAD 8 ROUND	1		PRODUCE		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	1		TYPE	WEIGHT	SO	URCE
					<u> </u>	350	500		650		140		FRE	SH WATER	8.33	CITY	WATER
EXDI AN		UBLE SETTING	TOOL														
		PRIOR TO CE		MI all equip	ment, Spot rig	and rig up. WH c	orroded, NDW	H. NUBOP	, tbg stuck, wo	orked free. TOO	H & LD old tubing, S	DON.					
		PUMP DE						00511/		00.050	DAILY SU	MMARY:					
TIME HR: MIN:	PRESSU	JRE - PSI ANNULUS	RATE BPM:	BBL FLUID PUMPED:	FLUID TYPE:	SAFETY MEETIN TEST LINES:	IG:	CREW	3	CO. REP. <u> </u> PSI	<u> </u>						
THE INIT.	102	ANIOLOG	DI WI.	T OWN ED.		CIRCULATED TH	HE WELL:		RIG PUMP	CMT PUMP	-						
10:00	-	-	-	-	-	Load equipm	nent and mo	ve onto	location								
-	-	-	-	-	-	Spot all equi	ot all equipment and rig up										
-	265	275/0	-	-	-	Check PSI or	n Well: Tbg	= 265psi	; Csg = 275	psi; BH = 0p	si.						
11:00	-	-	-	-	-						worked to get tu						
-	-	-			-						ral times to get f	ree, possik	ole packer	or tubing stuck,	continued to v	vork	
-	-	-	-	-	-	tubing and p					ree. NUBOPfuncti	on toot POI	D tootod a	and Diliria fla	or 9 oll bondliv		
		-	-		-						from the wellca					ng equip.	
	-	-	-	-	-	last 10 joints						lonig und t	using ten		anp out		
18:45	-	-	-	-	-	SDONsecu	ire wellhead	d and loc	ation								
19:00						Travel to AW	S yard										
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							*1	**OPERA	TIONS WIT	NESSED BY	NMOCD REP.:		SMITH	BLM REP.: CLA	Y YAZZIE***		
BUMPED		ТО		EST	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.		CLA	RENCE SMITH		
	۲L	00.	LQUIP	MENT:		REVERSED:	030.			SUSTOWER	TEF. SIGNATU	NE.		CUSTOME	R AUTHORIZING AGEN	т	



Received by OCD: 11/5/2024 11:23:28 AM

AZTEC WELL SERVICING CO.

CUSTOME					<u> </u>		DATE:		October 1,		API Number:			TYPE OF JOB:		P & A	
	ELL NAME		NATANI # 748/CT2	<u>/18</u>			LOCATION OPERATO		Sec.04,T21	LL SERVICE	SERVICE SUP:	COUNTY:	DEAN ME		STATE:	NEW	MEXICO
MATERIAL					TYPE OF PLU	JGS:		CSG. HARE		SQUEEZE	TOP		PI	HYSICAL SLURR			
				Т	TOP					MANIFOLD:	OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX
				BO	TTOM		ł				EACH FLUID:	WEIGHT: Lb/gal	YIELD:	REQ.: Gals/sk	TIME:	bblo	WATER:
PRE-FLUS											FLUID:	Lb/gai	Cuft/sk	Gals/sk	hr:mm	bbls	bbls
FRE-FLU3	H - FRES																
		010.0															
AVAILABLE N	HOLE	210.0	BBLS	TBG	AVAILABLE L	DISPLACEMENT	WATER:		BBLS					COLLAR DEPTH	TOTAL MI	X WATER:	0.0
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT	TYPE	DEPTH			SHOE	FLOAT	STAGE		
12	100%	99'	7	23.00	K-55	99'	1 1/4	2.33	J-55	0'			-	-	-		
SIZE	LAST C WEIGHT	TYPE	DEPTH		-CMT RET-BR D & TYPE	PL-LINER DEPTH	TOP	BOTTOM		TOP C SIZE	THREAD	4		WEL TYP		WEIGHT	
2 7/8	6.50	K-55	1787'	DRAIN	2 3 1 (FL		1546'	1654'		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		EVERSE	SQ. PSI	RATED	OPER	RATED	OPER		_	TYPE	WEIGHT		URCE
				┞─────	L	350	500		650	I	140		FRE	SH WATER	8.33	CITY	WATER
EXPLAN	ATION: TRO	UBLE SETTING	TOOL.	L				_									
		PRIOR TO CEI		Blowdown	well, wait on w	vireline, no wireli	ne till late afte	rnoon, SD	ON								
TIME	DDEOOL	PUMP DE JRE - PSI	TAILS: RATE	BBL FLUID	FLUID	SAFETY MEETIN	10.	CREW	7	CO. REP.	DAILY SU	MMARY:					
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES:	NG.	ONLEN	_	PSI	-						
						CIRCULATED TH	HE WELL:		RIG PUMP	CMT PUMP	1						
8:00	-	-	-	-	-	Travel to loca	ation										
10:00	-	-	-		-	PJSM, Servic											
10:15	-	200/0	-	•	-	Check PSI or											
-	-	-	-	-	-	Wait on wire		I have to	am blowing	to the pit, le	et vent during wa	it time					
-	-	-	-	-	-			they wil	l be later tha	an orginally s	schedulednotif	fied office					
-	-	-	-	-	-						o late for normal		;				
13:00	-	-	-	-	-	Travel to AW	S yard										
				'	 												
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				┟────┘			*	**OPER/	A FIONS WIT	NESSED BY	: NMOCD REP.: (CLARENCE	SMITH	BLM REP.: CLA	Y YAZZIE***		
BUMPED	PS	ТО	TE	ST	TOTAL	BBL CMT.	PSI	5	SPOT	AZTEC WE	LL SERVICING C	O REP.:		DE	AN MESTAS		
PLUG:		JMP		ΟΑΤ	BBL.	RETURNS/	LEFT ON		ТОР	CUSTOMER				CLA	RENCE SMITH		
	PL	UG:	EQUIP	PMENT:	PUMPED:	REVERSED:	CSG.:	CE	MENT:	CUSTOMER	R REP. SIGNATU	RE:		CUSTOME	R AUTHORIZING AGEN	т	



Received by OCD: 11/5/2024 11:23:28 AM

WELL-SERVICING

AZTEC WELL SERVICING CO.

CEMENT JOB DETAIL SHEET

CUSTOME	R:		NEW ME	XICO OCD)		DATE:		October 2	2024	API Number:	30-043	-20795	TYPE OF JOB:	_	P & A	
LEASE & W	ELL NAME		NATANI	#18			LOCATION	l:	Sec.04,T2	1N,R06W	SERVICE SUP:		DEAN ME	STAS			
SERVICE C	CONTRACT	OR:	748/CT2				OPERATO	R:	AZTEC W	ELL SERVICE		COUNTY:		SANDOVAL	STATE:	NEW	MEXICO
MATERIAL	S FURNISH	IED:			TYPE OF PLU	JGS:	LIST (CSG. HAR	DWARE:	SQUEEZE	TOP			IYSICAL SLURF	RY PROPERTIE	S:	
					ГОР					MANIFOLD:	OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX
				BO	TTOM						EACH	WEIGHT:	YIELD:	REQ.:	TIME:		WATER:
				<u> </u>						l	FLUID:	Lb/gal	Cuft/sk	Gals/sk	hr:mm	bbls	bbls
PRE-FLUS	<u>п - гкез</u>																
Diver 4 - Dev		hla aamant	-l								Curtage	45.00	4.45	5.00		40.0	6.2
Plug 1: Pu	mped 10.9b	bis cement	Siurry ((5.	3SX; 15.8p	pg, 1.15cun	/ft, 5.0gals/sk))				Surface	15.80	1.15	5.00		10.9	6.3
Diver 4. Dec	man and 4 Abb				4 4 5	E Omolo/als))			4			45.00	4.45	5.00			0.0
Flug I. Fu	inped 1.4bb	is cement s		t, is.oppg	, 1.15cult/1	, 5.0gals/sk)) (op on casi	ng alter	tubing was			15.80	1.15	5.00		1.4	0.8
Top off 9 F	Collor: R	umped 4.1h	hl comon	t olurry //S	000v. 15 9pr	og, 1.15cuft/ft,		•				15.80	4 4 5	5.00		4.1	2.4
	Till Cellar. P	umpeu 4. Ib	bi cemen		.usx; 15.opp	g, 1.15culvil,	5.0yais/skj	9				15.60	1.15	5.00		4.1	2.4
-																	
AVAILABLE N	IX WATER:	210.0	BBLS			DISPLACEMENT \	WATER:	200.0	BBLS						TOTAL M	IX WATER:	9.5
	HOLE			TBG	CSGD.P.				CSGD.P.					COLLAR DEPTH			
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT	TYPE	DEPTH			SHOE	FLOAT	STAGE		
12	100%	99'	7	23.00	K-55	99'							-	-	-		
017F	LAST C WEIGHT	TYPE	DEDTU		-CMT RET-BR D & TYPE		TOP	BOTTON	-	TOP C SIZE	ONNECTION THREAD	-		WEL TYP		WEIGHT	
SIZE 2 7/8	6.50	K-55	DEPTH 1787'	DRAN	UNITE	DEPTH	1546'	1654'	-	2 3/8	8 ROUND	1		PRODUCE		8.40	
		CEMENT VOLU		CAL. PSI	CAL.	MAX PSI	OP. MAX		K TBG. PSI		CASING PSI			DISPLACEMENT F			ATER
TUBING	CASING	CASING	TOTAL	BUMP PLUG		EVERSE	SQ. PSI	RATED	OPER	RATED	OPER	1		TYPE	WEIGHT		URCE
							500		650		140		FRE	SH WATER	8.33	CITY	WATER
		UBLE SETTING PRIOR TO CEI		MIRU WL, F	Run gauge ring	, Run CIBP, Run	CBL, TIH w/ w	orkstgring	g, Pumped 60s	x, TOOH & LD th	og, Cutoff wellhead,	Install dryhole	e marker top	off & fill cellar with 2	20sx, end of well.		
RUNNING	ASING, ETC.,	PRIOR TO CEI	MENTING:														
		PUMP DE	TAILS:	<u> </u>							DAILY SU	IMMARY:					
TIME	PRESSU	JRE - PSI	RATE	BBL FLUID	FLUID	SAFETY MEETIN	IG:	CREW	1	CO. REP.	/						
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES:				PSI							
						CIRCULATED TH	HE WELL:		RIG PUMP	CMT PUMP	1						
5:00	-	-	-	-	-	Travel to loca	ation										
6:45	-	-	-	-	-	Pre-Start Ins	pection, Se	rvice & S	Start equipn	nent							
6:50	-	0/0	-	-	-	Check PSI or	n Well: Csg	= 250ps	i; BH = 0psi	blowdown	casing to pit, ju	st venting r	no foam				
7:00	-	-	-	-	-	MIRU wirelin	e services										
7:10	-	-	-	-	H2O	Pumped 9.0b	bls water d	lown cas	sing to kill th	ne well							
7:18	-	-	-	-	-	RIH w/ 2.6" g	auge ring a	nd wirel	ine past plu	g setting dep	oth of 1520'ha	d 1 obstruc	tion at 141	0'worked free	, all clear		
-	-	-	-	-	-	ROOH w/ wir											
-	-	-	-	-	-					epth of 1496'.	initiated settin	g tool succ	essfully	plug set succes	sfully		
-	-	-	-	-	-	ROOH w/ wir											
-	-	-	-	-	-	RIH w/ CBL t											
-	-	-	-	-	-						o surfacelayd		OIS				
10:45	-	- 0	-	-	- H2O						ifyprepare for	cement					
12:14 12:20	350 300	0	1.50 1.50	2.50 10.90		Pumped 2.5b						oiroulotod (d comont to nit			
12:20	- 300	-	1.50	10.90	H2O	SDWOC	ania cemei	n siuffy	(1355, 13.8	ypy, 1.15cut	t/ft, 5.0gals/sk))	circulated 1		a cement to pit			
12:33	-	-	-	-	H2U -	TOOH and LI) all tubing										
-	- 50	- 0	- 1.50	- 1.40		1			(7sx: 15 8pr	a. 1.15cuft/ft	, 5.0gals/sk)) to	o off casing	after tubi	ng was I D			
-	-	-	-	-	-						NDBOP, NUWH						
-	-	-	-	-	-	MIRU welder						motall					
-	-	-	-	-	-			nt at sur	face on casi	ng. Cement a	at 9'-4" on the B	Hprepare	to install r	narker			
-	-	-	-	-	-						proved by BLM						
-	25	0	0.50	4.10	CEMENT	1					, 5.0gals/sk)) to						
-	-	-	-	-	-	Rig down all											
16:45	-	-	-	-	-	SD.sevue eq											
17:00	-	-	-	-	-	Travel to AW	S yard										
				<u> </u>		END OF WEL	LMove to	the NA	TANI #32 in	the morning							
				<u> </u>													
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				───			*	**OPER	ATIONS WIT	NESSED BY	NMOCD REP.:	CLARENCE	SMITH	BLM REP.: CLA	Y YAZZIE***		
				───													
BUMPED	50				TOTAL	BBL CMT.	Dei		SPOT	A 7750 W							
PLUG:		i to JMP		EST OAT	TOTAL BBL.	RETURNS/	PSI LEFT ON		SPOT TOP	CUSTOMER		JU REP.:			AN MESTAS RENCE SMITH		
FLUG:		UG:		OAT PMENT:	BBL. PUMPED:	REVERSED:	CSG.:		EMENT:		R REP.: R REP. SIGNATU	IRE:		ULA	NENCE SWITH		
					18.9	1.0	0		urface					CUSTOME	ER AUTHORIZING AGEN	п	

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

Operator: C	OGRID:
AZTEC WELL SERVICING CO	191362
300 Legion Road	Action Number:
Aztec, NM 87410	399615
A	Action Type:
	[C-103] Sub. Plugging (C-103P)

CONDITIONS

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

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Action 399615