

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	Type of Action: Plug and Abandonment
Date Sundry Submitted: 10/31/2024	Time Sundry Submitted: 01:57
Date Operation Actually Began: 10/02/2024	

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 Title: Petroleum Engineer
BLM POC Phone: 5055647742	BLM POC Email Address: krennick@blm.gov
Disposition: Accepted	Disposition Date: 10/31/2024
Signature: Kenneth Rennick	

End of Well Report

Natani #18

API: 30-043-20795

04-21N-06W

GL 6910'

SURF CSG:

Hole size: 9"
Csg size: 7"
Wt: 23#
Grade
ID: 6.366"
Depth: 99'
Cap cf/ft: 0.221
TOC: surface

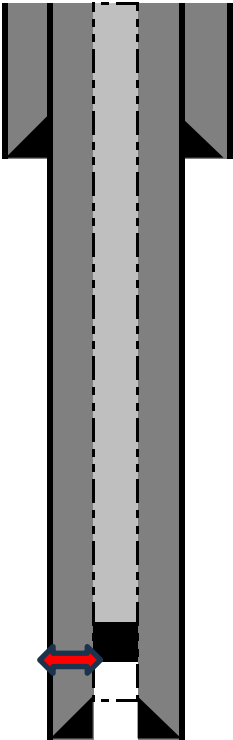
FORM TOPS:

Nacimiento Top: surface
Ojo Alamo Top: 675'
Kirtland Top: 728'
Fruitland Top: 857'
Picture Cliffs Top: 1146'
Chacra Top: 1525'
Mesa Verde Top:
Mancos Top:
Gallup Top:
Dakota Top:

PROD CSG:

Hole size: 6.5"
Csg size: 2-7/8"
Wt: 6.5#
Grade
ID: 2.441"
Depth: 1787'
Cap cf/ft: 0.0325
Csg/OH Ann:
Csg/OH Ann, cf/ft:
TOC: surface

PERFS: 1546' - 1654'
PBTD: 1747'
TD: 1800'



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, Cut-
off 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.

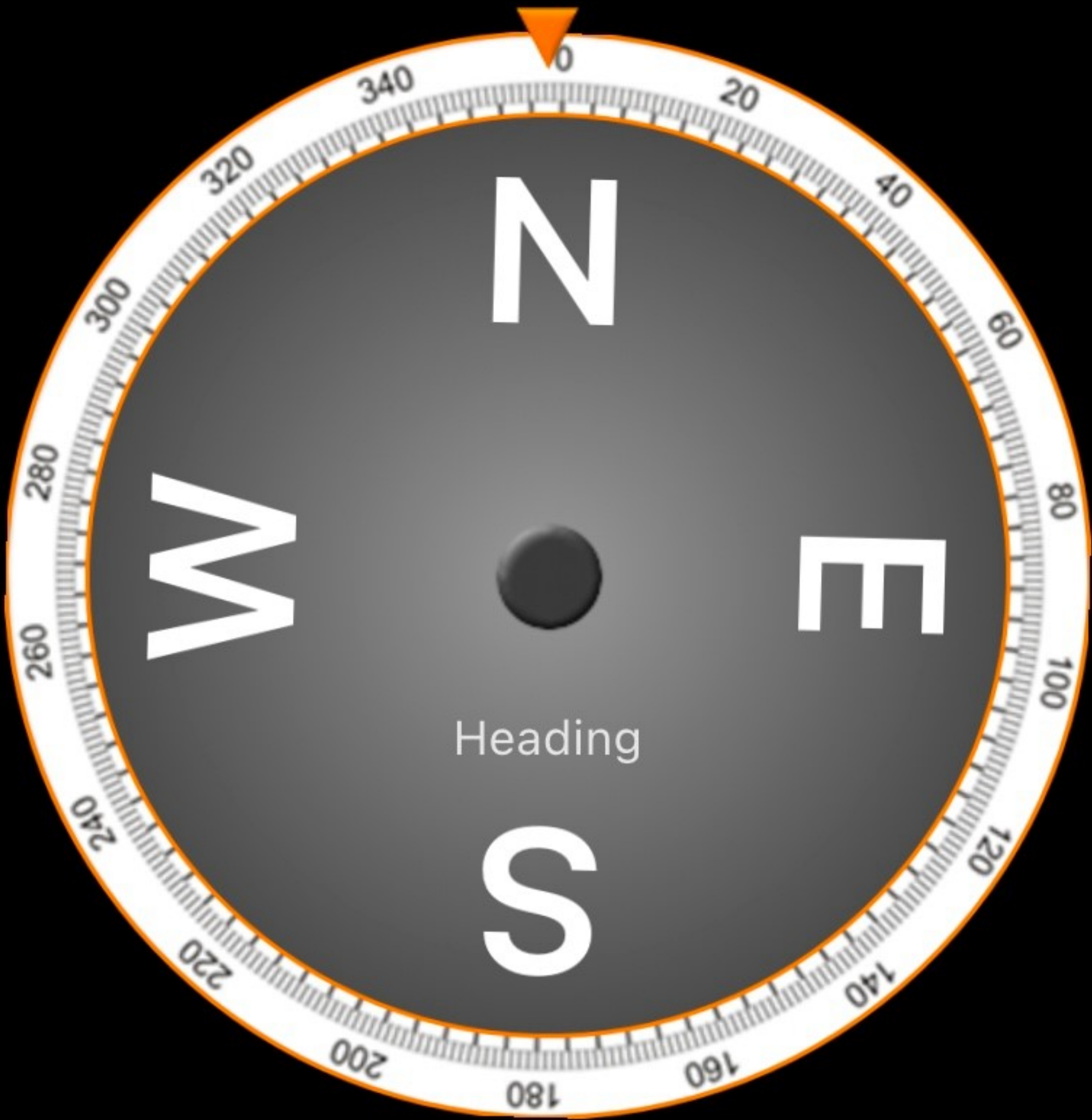
Plugging Information

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

Course

Heading

360°



36.08466°N, 107.46901°W











[illegible]

[illegible]

CUSTOMER:		NEW MEXICO OCD		DATE: October 2, 2024		API Number: 30-043-20795		TYPE OF JOB: P & A																							
LEASE & WELL NAME:		NATANI #18		LOCATION: Sec.04,T21N,R06W		SERVICE SUP: DEAN MESTAS																									
SERVICE CONTRACTOR:		748/CT2		OPERATOR: AZTEC WELL SERVICE		COUNTY: SANDOVAL		STATE: NEW MEXICO																							
MATERIALS FURNISHED:		TYPE OF PLUGS:		LIST CSG. HARDWARE:		SQUEEZE MANIFOLD:		TOP OF EACH FLUID:		PHYSICAL SLURRY PROPERTIES:																					
		TOP								SLURRY WEIGHT: Lb/gal		SLURRY YIELD: Cuf/sk		WATER REQ.: Gals/sk		PUMP TIME: hr:mm		SLURRY: bbls		MIX WATER: bbls											
		BOTTOM																													
PRE-FLUSH - FRESH WATER																															
Plug 1: Pumped 10.9bbls cement slurry ((53sx; 15.8ppg, 1.15cuf/ft, 5.0gals/sk))										Surface		15.80		1.15		5.00				10.9		6.3									
Plug 1: Pumped 1.4bbls cement slurry ((7sx; 15.8ppg, 1.15cuf/ft, 5.0gals/sk)) top off casing after tubing was LD												15.80		1.15		5.00				1.4		0.8									
Top off & Fill Cellar: Pumped 4.1bbl cement slurry ((20sx; 15.8ppg, 1.15cuf/ft, 5.0gals/sk))												15.80		1.15		5.00				4.1		2.4									
AVAILABLE MIX WATER: 210.0 BBLs										AVAILABLE DISPLACEMENT WATER: 200.0 BBLs										TOTAL MIX WATER: 9.5											
HOLE				TBG.-CSG.-D.P.				TBG.-CSG.-D.P.								COLLAR DEPTHS															
SIZE		% EXCESS		DEPTH		SIZE		WEIGHT		TYPE		DEPTH		SIZE		WEIGHT		TYPE		DEPTH		SHOE		FLOAT		STAGE					
12		100%		99'		7		23.00		K-55		99'												-		-		-			
LAST CASING				PKR-CMT RET-BR PL-LINER				PERF DEPTHS								TOP CONNECTION				WELLBORE FLUID											
SIZE		WEIGHT		TYPE		DEPTH		BRAND & TYPE		DEPTH		TOP		BOTTOM		SIZE		THREAD						TYPE		WEIGHT					
2 7/8		6.50		K-55		1787'						1546'		1654'		2 3/8		8 ROUND								8.40					
CALCULATED DISPLACEMENT VOLUME; BBL				CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG. PSI		MAX CASING PSI								DISPLACEMENT FLUID				WATER							
TUBING		CASING		CASING		TOTAL		BUMP PLUG		TO REVERSE		SQ. PSI		RATED		OPR		RATED		OPR		TYPE				WEIGHT		SOURCE			
												500				650				140		FRESH WATER				8.33		CITY WATER			
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CASING, ETC., PRIOR TO CEMENTING:				MIRU WL, Run gauge ring, Run CIBP, Run CBL, TIH w/ workstring, Pumped 60sx, TOO H & LD tbg, Cutoff wellhead, Install dryhole marker top off & fill cellar with 20sx, end of well.																											
PUMP DETAILS:										DAILY SUMMARY:																					
TIME		PRESSURE - PSI		RATE		BBL FLUID		FLUID		SAFETY MEETING: CREW <input checked="" type="checkbox"/>										CO. REP. <input checked="" type="checkbox"/>											
HR. MIN:		PIPE		ANNULUS		BPM:		PUMPED:		TYPE:		TEST LINES: PSI																			
												CIRCULATED THE WELL: RIG PUMP <input type="checkbox"/>										CMT PUMP <input checked="" type="checkbox"/>									
5:00		-		-		-		-		-		Travel to location																			
6:45		-		-		-		-		-		Pre-Start Inspection, Service & Start equipment																			
6:50		-		0/0		-		-		-		Check PSI on Well: Csg = 250psi; BH = 0psi...blowdown casing to pit, just venting no foam																			
7:00		-		-		-		-		-		MIRU wireline services																			
7:10		-		-		-		-		H2O		Pumped 9.0bbls water down casing to kill the well																			
7:18		-		-		-		-		-		RIH w/ 2.6" gauge ring and wireline past plug setting depth of 1520'...had 1 obstruction at 1410'...worked free, all clear																			
-		-		-		-		-		-		ROOH w/ wireline & LD gauge ring																			
-		-		-		-		-		-		RIH w/ CIBP and wireline to plug setting depth of 1496'...Initiated setting tool successfully...plug set successfully																			
-		-		-		-		-		-		ROOH w/ wireline and LD setting tool																			
-		-		-		-		-		-		RIH w/ CBL tools and wireline to 1496'																			
-		-		-		-		-		-		ROOH w/ wireline and tools to Perform CBL from 1496' to surface...laydown CBL tools																			
10:45		-		-		-		-		-		Tally and TIH w/ 1-1/4" tubing to 1496' tagged plug to verify...prepare for cement																			
12:14		350		0		1.50		2.50		H2O		Pumped 2.5bbl water ahead to load casing and clear tubing																			
12:20		300		0		1.50		10.90		CEMENT		Pumped 10.9bbls cement slurry ((53sx; 15.8ppg, 1.15cuf/ft, 5.0gals/sk)) circulated 1.0bbl good cement to pit																			
12:33		-		-		-		-		H2O		SD...WOC																			
-		-																													

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 399615

CONDITIONS

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

CONDITIONS

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