

Well Name: NATANI	Well Location: T21N / R6W / SEC 2 / SWNE / 36.08142 / -107.437847	County or Parish/State: SANDOVAL / NM
Well Number: 32	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: N00C14205755	Unit or CA Name:	Unit or CA Number:
US Well Number: 300432079400S1	Operator: M & M PRODUCTION & OPERATION	

Subsequent Report

Sundry ID: 2820264

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 10/31/2024	Time Sundry Submitted: 02:00
Date Operation Actually Began: 10/04/2024	

Actual Procedure: Work completed on October 8, 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_32_3004320794_KR_10312024_20241031135918.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 #32

API: 30-043-20794

02-21N-06W

GL 6996'

SURF CSG:

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

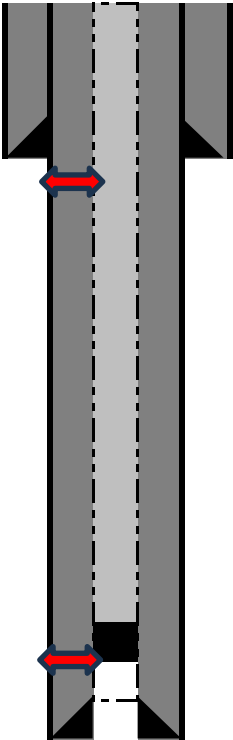
FORM TOPS:

Nacimiento Top: surface
Ojo Alamo Top: 750'
Kirtland Top: 906'
Fruitland Top: 1025'
Picture Cliffs Top: 1288'
Chacra Top: 1663'
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: 1950'
Cap cf/ft: 0.0325
Csg/OH Ann:
Csg/OH Ann, cf/ft:
TOC: surface

PERFS: 1686' - 1796'
PBTD: 1868'
TD: 1950'



10-08-24: Plug 3: Surface - Cut-off WH, TOC in csg at 0'; TOC in BH at 90', Install DHM, Mix & Pump 42sx ttl to top off casings and fill cellar. End of Well.

10-07-24: Perforated csg at 198', Had inj. rate thru perfs, BH did not circ.,
Plug 2: Surface - Mix & Pump 80sx ttl thru perfs F: 198' T: Surface, BH did not circ., Circ. 2.0bbls good cmt thru csg to pit, WOC ON.

10-04-24: Run CBL - F: 1630' T: Surface Set CIBP at 1630', TIH & tag CIBP at 1630',
Plug 1: Chacra, PC, Fruit, Kirt, Ojo - Mix & Pump 60sx ttl F: 1630' T: Surface, Circ. 1.0bbl good cmt, TOOH to 203', Reverse clean, WOC OW.

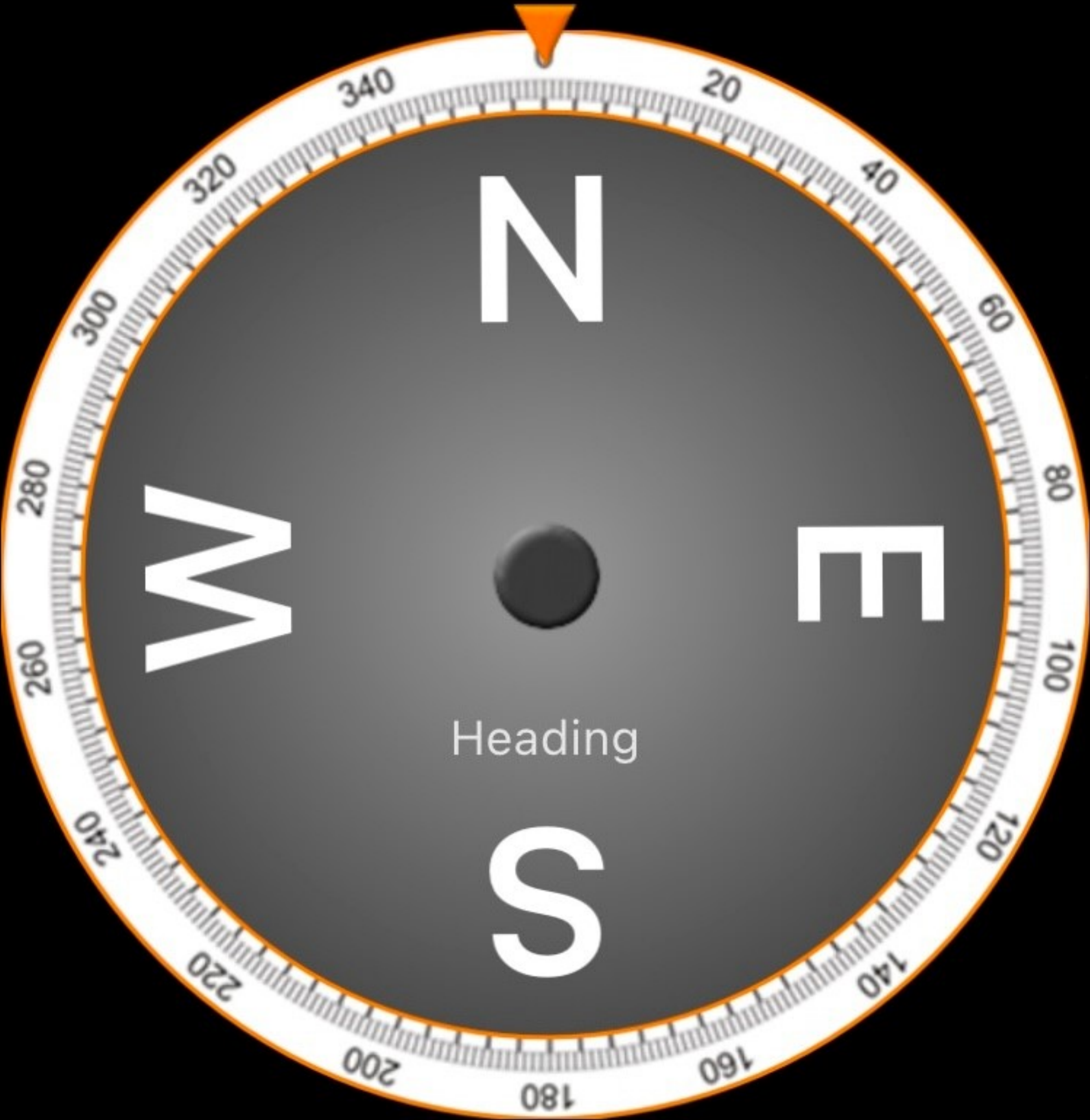
Plugging Information

Class G cmt used mixed @ 15.8 ppg, yield 1.15 cuft/sx
Regulatory representative: T. Vermersch NMOCD - N. Dishface BLM
Marker GPS Coordinates 36.08149, -107.43778

Course

Heading

2°



36.08149°N, 107.43778°W











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CEMENT JOB DETAIL SHEET

CUSTOMER:		NEW MEXICO OCD		DATE:		October 4, 2024		API Number:		30-043-20794		TYPE OF JOB:		P & A									
LEASE & WELL NAME:		NATANI #32		LOCATION:		Sec.02,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		TOP OF EACH FLUID:		PHYSICAL SLURRY PROPERTIES:													
		TOP				MANIFOLD:				SLURRY WEIGHT:		WATER YIELD:		PUMP REQ.:		TIME:		SLURRY:		MIX WATER:			
		BOTTOM								Lb/gal		Cuft/sk		Gals/sk		hr:mm		bbls		bbls			
PRE-FLUSH - FRESH WATER																							
Plug 1: Pumped 10.9bbls cement slurry ((53sx; 15.8ppg, 1.15cuft/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, 1.15cuft/ft, 5.0gals/sk)) top off casing after tubing was LD								203'		15.80		1.15		5.00				1.4		0.8			
AVAILABLE MIX WATER: 210.0 BBLs								AVAILABLE DISPLACEMENT WATER: 200.0 BBLs								TOTAL MIX WATER: 7.1							
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						
9	100%	99'	7	23.00	K-55	99'	1 1/4	2.33	J-55	1630'					-	-	-						
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	1950'				1686'	1796'			2 3/8	8 ROUND			PRODUCED WATER		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	OPER	RATED	OPER					TYPE	WEIGHT	SOURCE					
					350		500		650	140					FRESH WATER		8.33	CITY WATER					
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CASING, ETC., PRIOR TO CEMENTING:				MIRU WL. Run Gauge ring, Set CIBP, TIH w/ tbg, Pump 60sx to surface, TOO H w/ Tbg to 203', Reverse clean, TOO H w/ all tbg, WOC over weekend, SDOW																			
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 checked="" type="checkbox"/>				CMT PUMP <input checked="" type="checkbox"/>									
5:00	-	-	-	-	-	Travel to location																	
6:50	-	-	-	-	-	PJSM, Service & Pre start equipment																	
7:00	-	100/0	-	-	-	Check PSI on Well: Csg = 100psi; BH = 0psi.																	
8:50	-	-	-	-	-	MIRU wireline services																	
9:18	-	50	1.50	20.00	H2O	Pumped 20.0bbls water down casing to help gauge ring																	
-	-	-	-	-	-	RIH w/ 2.25" gauge ring and wireline past plug setting depth of 1670'...had 1 obstruction at 1132'...worked several times until free																	
-	-	-	-	-	-	ROOH w/ wireline & LD gauge ring																	
9:30	-	-	-	-	-	RIH w/ CIBP and wireline to plug setting depth of 1630'...initiated setting tool successfully...plug set successfully																	
-	-	-	-	-	-	ROOH w/ wireline and LD setting tool																	
-	-	-	-	-	-	RIH w/ CBL tools and wireline to 1630'																	
-	-	-	-	-	-	ROOH w/ wireline and tools to Perform CBL from 1630' to surface...laydown CBL tools																	
-	-	-	-	-	-	Tally and TIH w/ 1-1/4" tubing to 1630' tagged plug to verify...prepare for cement																	
13:10	200	0	1.50	3.00	H2O	Pumped 3.0bbl water ahead to load casing and clear tubing																	
13:15	175	0	1.50	10.90	CEMENT	Pumped 10.9bbls cement slurry ((53sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk)) circulated 1.0bbl good cement to pit																	
-	-	-	-	-	-	SD																	
-	-	-	-	-	-	TOOH and LD tubing to 203'																	
-	100	0	1.00	1.40	CEMENT	Pumped 1.4bbls cement slurry ((7sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk)) circ. 1.0bbl cement to pit...prepare to reverse clean																	
14:33	-	-	-	-	-	SD...WOC																	
14:40	0	150	1.00	6.00	H2O	Pumped 6.0bbl water to reverse circulate casing clean...circ. 2.0bbls cement to pit																	
-	-	-	-	-	-	TOOH and LD																	

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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 399622

CONDITIONS

Operator: AZTEC WELL SERVICING CO 300 Legion Road Aztec, NM 87410	OGRID: 191362
	Action Number: 399622
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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