

Well Name: NATANI	Well Location: T21N / R6W / SEC 3 / NENW / 36.08421 / -107.459988	County or Parish/State: SANDOVAL / NM
Well Number: 17	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name: 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 Submission: Subsequent Report	Type of Action: Plug and Abandonment
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	

End of Well Report

Natani #17

API: 30-043-20610

03-21N-06W

GL 6928'

SURF CSG:

Hole size: 12-1/4"
Csg size: 8-5/8"
Wt: 24#
Grade
ID: 8.097
Depth: 95'
Cap cf/ft: 0.3576
TOC: surface

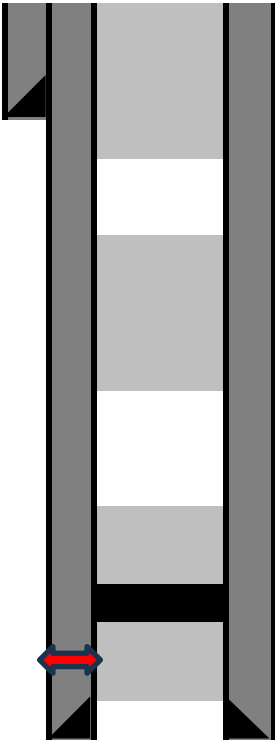
FORM TOPS:

Nacimiento Top: surface
Ojo Alamo Top: 698'
Kirtland Top: 783'
Fruitland Top: 918'
Picture Cliffs Top: 1190'
Chacra Top: 1630'
Mesa Verde Top:
Mancos Top:
Gallup Top:
Dakota Top:

PROD CSG:

Hole size: 7-7/8"
Csg size: 4-1/2"
Wt: 10.5#
Grade
ID: 4.052
Depth: 1886'
Cap cf/ft: 0.0896
Csg/OH Ann:
Csg/OH Ann, cf/ft: 0.2278
TOC: surface

PERFS: 1600' - 1707
PBTD: 1,860'
TD: 1,900'



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 to fill cellar. End of Well.

09-27-24: Plug 2: PC, Fruit, Kirt, Ojo - Mix & Pumped 46sx ttl F: 1242' T: TOC 648'.

09-27-24: Run CBL - F: 1489' T: Surface Set CICR at 1489', PT csg - Tested Good, Had inj. rate thru CICR,
Plug 1: Chacra - Mix & Pump 47sx ttl (35sx blw; 12sx on top). TOC at 1332'

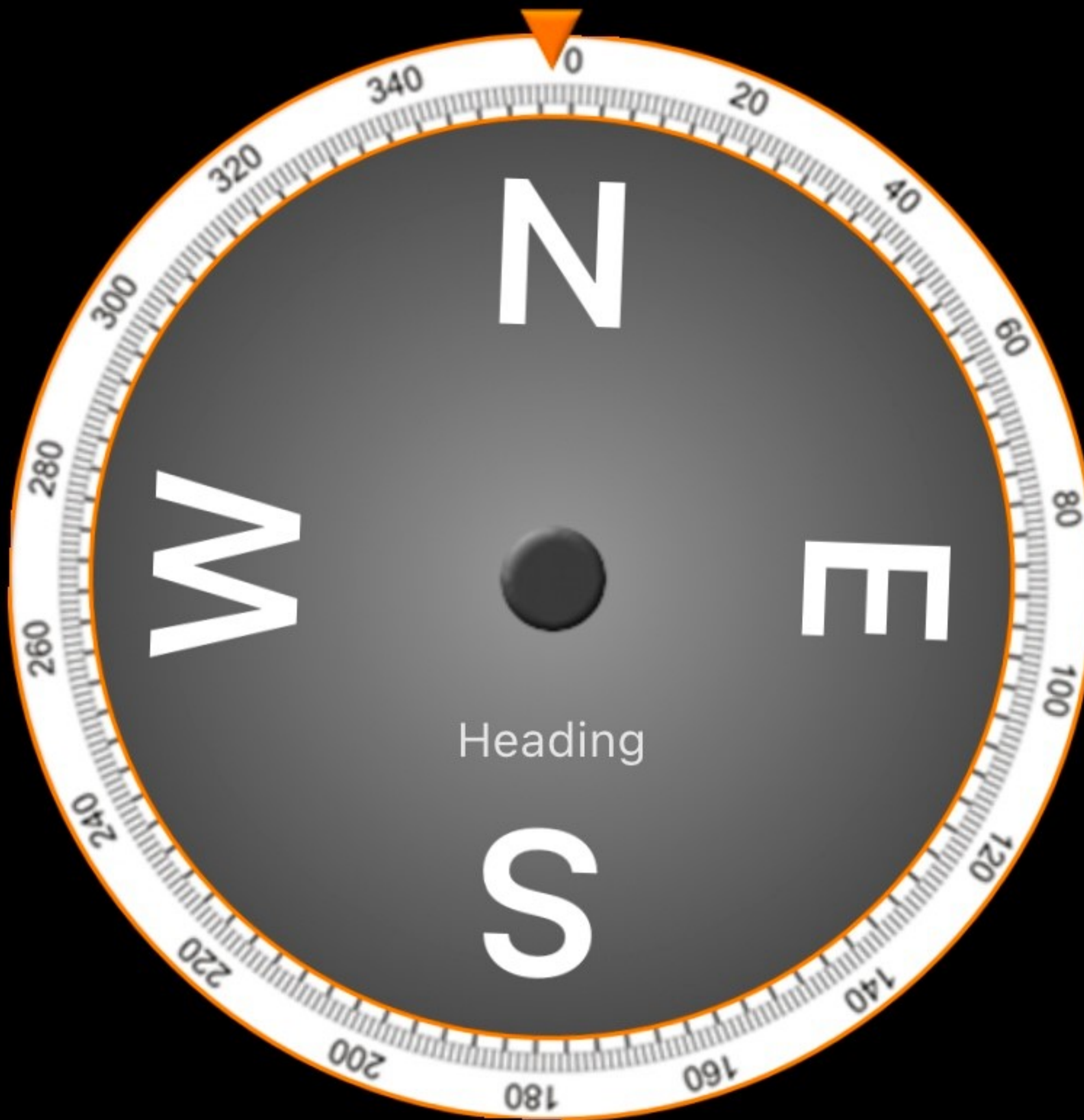
Plugging Information

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

Course

Heading

358°



36.08447°N, 107.45989°W











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AZTEC WELL SERVICING CO.

CEMENT JOB DETAIL SHEET

CUSTOMER: NEW MEXICO OCD		DATE: September 27, 2024		API Number: 30-043-20610		TYPE OF JOB: P & A	
LEASE & WELL NAME: NATANI #17		LOCATION: Sec.03,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	BOTTOM				SLURRY WEIGHT: Lb/gal	SLURRY YIELD: Cuft/sk	WATER REQ.: Gals/sk	PUMP TIME: hr:mm	SLURRY: bbls	MIX WATER: bbls			
PRE-FLUSH - FRESH WATER														
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))					648'	15.80	1.15	5.00		9.4	5.5			
Plug 3: Pumped 5.7bbls cement slurry ((27.5sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk))					Surface	15.80	1.15	5.00		5.7	3.3			
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			
<table border="0"> <tr> <td>AVAILABLE MIX WATER: 210.0 BBLs</td> <td>AVAILABLE DISPLACEMENT WATER: 200.0 BBLs</td> <td>TOTAL MIX WATER: 14.7</td> </tr> </table>												AVAILABLE MIX WATER: 210.0 BBLs	AVAILABLE DISPLACEMENT WATER: 200.0 BBLs	TOTAL MIX WATER: 14.7
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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%	95'	8 5/8	24.00	K-55	95'	2 3/8	4.70	J-55	1489'		-	-	-

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
4 1/2	10.50	K-55	1886'			1600'	1707'	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	OPER	RATED	TYPE	WEIGHT	SOURCE
					350	500		650	300	FRESH WATER	8.33	CITY WATER

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CASING, ETC., PRIOR TO CEMENTING: TIH & Set retainer, PT csg - testd good, Run CBL, Pump plug 1, Pump plug 2, Pump plug 3, RD handling equipment, NDBOP, NUWH, 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 type="checkbox"/> CMT PUMP <input checked="" type="checkbox"/>					
5:00	-	-	-	-	-	Travel to location					
7:00	-	-	-	-	-	PJSM, Service & Pre start equipment					
7:15	0	0/0	-	-	-	Check PSI on Well: Tbg = 0psi; Csg = 0psi; BH = 0psi.					
7:20	-	-	-	-	-	TIH w/ cement retainer and tubing to setting depth of 1489'...rotate and set retainer successfully...STING OUT					
8:52	200	0	2.50	35.00	H2O	Pumped 35.0bbls fresh water to circulate the well clean...prepare to pressure test casing					
9:30	-	-	-	-	-	SHUT IN...pressure test casing to 600psi...TESTED GOOD					
-	-	-	-	-	-	TOOH w/ tubing and LD setting tool					
-	-	-	-	-	-	MIRU wireline services...prepare to run CBL					
-	-	-	-	-	-	RIH w/ CBL tools and wireline to 1489'					
-	-	-	-	-	-	ROOH w/ wireline and CBL tools to perform CBL from 1489' to surface					
-	-	-	-	-	-	Rig down wireline and release					
12:00	-	-	-	-	-	TIH w/ Stinger and tubing to retainer depth					
-	150	0	1.50	3.50	H2O	Pumped 3.5bbls water while STINGING INTO retainer to ensure clear path below retainer					
12:45	150	0	3.00	4.50	H2O	Pumped 4.5bbls water to est. inj. Rate at 3.0bpm at 150psi					
-	-	-	-	-	-	SD...prepare for cement					
12:48	150	0	1.50	1.00	H2O	Pumped 1.0bbl water ahead					
12:57	100	0	1.50	9.70	CEMENT	Pumped 9.7bbls cement slurry ((47sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk)) 35sx below; 12sx on top retainer					
12:59	100	0	1.50	3.30	H2O	Pumped 3.3bbls water for displacement...Est. TOC at 1332'					
13:00	-	-	-	-	-	SD...STING OUT					
13:01	-	-	-	-	-	TOOH w/ tubing and LD setting tool					
-	-	-	-	-	-	TIH w/ tubing to 1242'...prepare for cement					
14:36	150	0	1.50	3.00	H2O	Pumped 3.0bbl water ahead					
14:48	125	0	1.50	9.40	CEMENT	Pumped 9.4bbls cement slurry ((46sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk))					
15:05	100	0	1.50	2.50	H2O	Pumped 2.5bbls water for displacement...Est. TOC at 648'					
15:07	-	-	-	-	-	SD					
15:10	-	-	-	-	-	TOOH and LD tubing to 146'					
16:15	75	0	1.50	5.70	CEMENT	Pumped 5.7bbls cement slurry ((27.5sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk)) circulated 2.0bbls good cement to pit					
-	-	-	-	-	-	SD					
-	-	-	-	-	-	TOOH and LD remaining 4 joints of tubing					
-	50	0	0.50	0.50	CEMENT	Pumped 0.5bbls cement slurry ((2.5sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk)) top off casing after tubing was LD					
-	-	-	-	-	-	Rig down all handling equipment and rig down rig floor, NDBOP, NUWH and install valve...shut in the well					
17:15	-	-	-	-	-	SD...resume WOC over the weekend					
17:30	-	-	-	-	-	Travel to AWS yard					
OPERATIONS WITNESSED BY: NMOCD REP.: EILEEN MEDRANO...BLM REP.: CLAY YAZZIE											

BUMPED PLUG:	PSI TO BUMP PLUG:	TEST FLOAT EQUIPMENT:	TOTAL BBL. PUMPED:	BBL CMT. RETURNS/ REVERSED:	PSI LEFT ON CSG.:	SPOT TOP CEMENT:	AZTEC WELL SERVICING CO REP.:	DEAN MESTAS
			78.1		0	1332'/648'/Surf.	CUSTOMER REP.:	EILEEN MEDRANO
							CUSTOMER REP. SIGNATURE:	
							CUSTOMER AUTHORIZING AGENT	

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1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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811 S. First St., Artesia, NM 88210
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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 399620

CONDITIONS

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

CONDITIONS

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