

Office
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 1625 N. French Dr., Hobbs, NM 88240
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 811 S. First St., Artesia, NM 88210
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 1000 Rio Brazos Rd., Aztec, NM 87410
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 1220 S. St. Francis Dr., Santa Fe, NM
 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-30565
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Catena Resources Operating, LLC.		6. State Oil & Gas Lease No. 326998
3. Address of Operator 1001 Fannin Street, STE 2200, Houston TX 77002		7. Lease Name or Unit Agreement Name Maxwell Trust 26
4. Well Location Unit Letter <u>E</u> : <u>1980</u> feet from the <u>North</u> line and <u>660</u> feet from the <u>West</u> line Section <u>26</u> Township <u>15S</u> Range <u>34E</u> NMPM <u>Lea</u> County <u>NM</u>		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4068' GL - 4085' KB		9. OGRID Number 6137
		10. Pool name or Wildcat 76360 Eidson Morrow, North (G)

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	
CLOSED-LOOP SYSTEM <input type="checkbox"/>	
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Wellbore Plug & Abandonment Lat/Long: 32.939991 / -103.459625 (NAD83)

- (1) MIRU WOR. POOH w/ tubing. MIRU WL. RIH and set CIBP ~ 11,850'. Dump bail ~35' class 'H' cement cap. Plug #1.
- (2) RIH w/ 2-7/8" workstring. Tag top of first plug ~11,850'. RU pump and circ hole with 9.5 ppg mud.
- (2) Spot 26 sxs class 'H' cement from 9,840' to 9,640'. (Top of Wolfcamp ~9,840') Plug #2.
- (3) Spot 26 sxs class 'H' cement from 8,097' to 7,897'. (Top of Abo ~7,997') Plug #3
- (4) Attempt to freepoint and cut 5-1/2" casing and recover as much as possible. Estimate cut around 6,000' (actual TBD).
 * If casing recovering is unsuccessful, will perf and squeeze 5-1/2" casing for the remaining cement plugs on the way out.
- (5) Spot 65 sxs class 'C' cement from 6,100' to 5,895'. WOC 4 hrs. Tag and spot more cement as needed. Plug #4
- (6) Spot 65 sxs class 'C' cement from 6,139' to 5,939'. WOC 4 hrs. Tag and spot more cement as needed. (Top of Glorieta ~5,696') Plug #5
- (7) Spot 65 sxs class 'C' cement from 4,880' to 4,680'. WOC 4 hrs. Tag and spot more cement as needed. (8-5/8" shoe at 4,780') Plug #6.
- (8) Spot 65 sxs class 'C' cement from 3,010' to 2,810'. WOC 4 hrs. Tag and spot more cement as needed. (Top of Yates ~2,910') Plug #7
- (9) Spot 65 sxs class 'C' cement from 1,558' to 1,356'. WOC 4 hrs. Tag and spot more cement as needed. (Top of Salado ~1,790') Plug #8
- (10) Spot 180 sxs class 'C' cement from 517' to 0'. (13-3/8" shoe at 492') Plug #9
- (11) Cut off casings 3' below ground level. Visually verify cement top. Top off as necessary.
- (12) Set dry hole marker per requirements.

See attached conditions of approval

Spud Date:

03/21/1989

Rig Release Date:

4" Diameter 4' tall above ground marker

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Karen Zornes TITLE Regulatory Consultant DATE 08/12/2022

Type or print name Karen Zornes E-mail address: kzornes@ntglobal.com PHONE: 281-872-9300

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 9/15/22
 Conditions of Appro: ...

**CONDITIONS OF APPROVAL
FOR PLUGGING AND ABANDONMENT
OCD - Southern District**

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, Notify NMOCD District Office I (Hobbs) at **(575)-263-6633** at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down.

Company representative will be on location during plugging procedures.

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
3. Trucking companies being used to haul oilfield waste fluids to a disposal - commercial or private- shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
6. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
8. Produced water will not be used during any part of the plugging operation.
9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
10. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
11. Class 'C' cement will be used above 7500 feet.
12. Class 'H' cement will be used below 7500 feet.
13. A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged
14. All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.
16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
17. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.
18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, (WOC 4 hrs and tag).

19. No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.
20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
- A) Fusselman
 - B) Devonian
 - C) Morrow
 - D) Wolfcamp
 - E) Bone Springs
 - F) Delaware
 - G) Any salt sections
 - H) Abo
 - I) Glorieta
 - J) Yates.
 - K) Potash---(In the R-111-P Area (Potash Mine Area),
A solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, WOC 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.
21. If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, WOC and tagged. These plugs will be set 50' below formation bottom to 50' above formation top inside the casing.

DRY HOLE MARKER REQUIREMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least ¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name
2. Lease and Well Number
3. API Number
4. Unit letter
5. Quarter Section (feet from the North, South, East or West)
6. Section, Township and Range
7. Plugging Date
8. County

SPECIAL CASES -----AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION

WELLBORE DIAGRAM - CURRENT

WELL: MAXWELL TRUST 26 1	FORMATION: MORROW, CHESTER	BH TEMP: ~205 °F
OPERATOR: Catena Resources Operating, LLC	SPUD DATE: 1/13/2001	TD: 12,467' MD (KB)
COUNTY: Lea		TVD: 12,467' TVD (KB)
STATE: New Mexico		PBTD: 12,214' MD (KB)
API : 30-025-30565 LEASE: 326998		KB ELEVATION: 4,085.0' (17.0' KB)
LOCATION: U/L: G, Section: 06, Township: 16S, Range: 35E (G-06-16S-35E)		GL ELEVATION: 4,068.0'
FIELD: SHOE BAR;ATOKA, NORTH (GAS)		SURFACE LAT/LONG: 32.939991 / -103.459625 (NAD83)

CASING RECORD

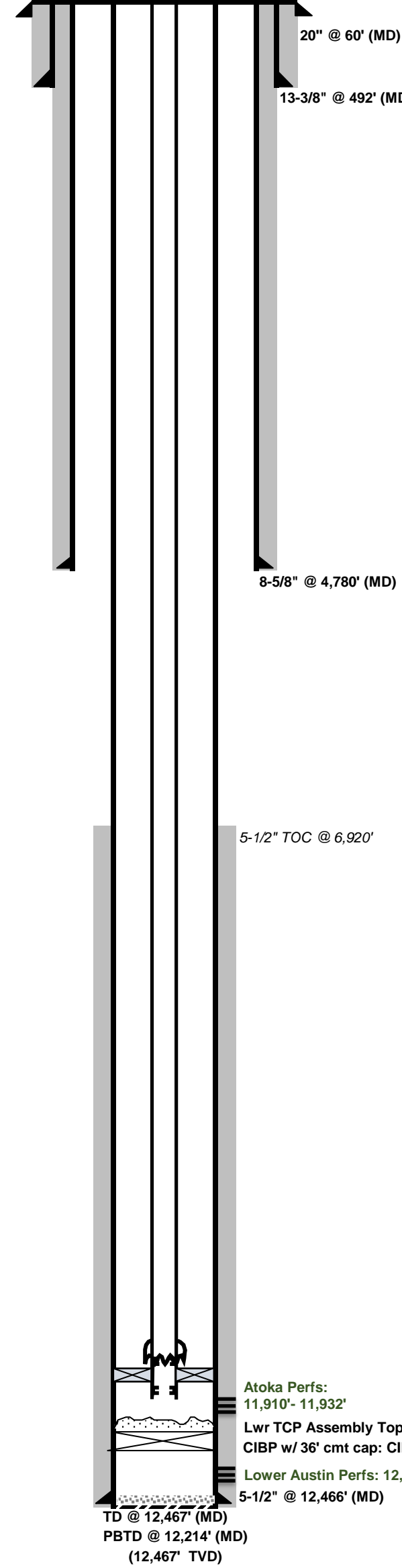
SURFACE CASING									
O.D.	WT./FT.	GRADE	THD	TOP	BTM	BIT SZ.	SX CMT.	TOP CMT.	COMMENT
20"	-	-	-	0'	60'	-	-	-	
13-3/8"	48#	H-40	STC	0'	492'	17-1/2"	545	0'	* Circ 147 sxs to surf, 545 sxs Class 'C'

INTERMEDIATE CASING									
O.D.	WT./FT.	GRADE	THD	TOP	BTM	BIT SZ.	SX CMT.	TOP CMT	COMMENT
8-5/8"	32#	K-55	LTC	0'	4,780'	12-1/4"	1,655	0'	* Circ 184 sxs to surf, 1,455 sxs 'C', 200 sxs 'C'

PRODUCTION CASING / LINER									
O.D.	WT./FT.	GRADE	THD	TOP	BTM	BIT SZ.	SX CMT.	TOP CMT	COMMENT
5-1/2"	17#	P-110, S-95	LTC	0'	12,466'	7-7/8"	1,190	6,920'	Cmt: 350 sxs 'H', 840 sxs 'H' *Reported TOC per CBL

PERFORATION & PLUGBACK RECORD							
ZONE - Stage	TOP	BOTTOM	INTERVAL	DATE	COMMENTS		NOTES
ATOKA	11,910	11,932	22'	5/1/2001	Perfs: 11,910'-11,932' (TCP, 6 SPF) Stimulation: Frac: 49,700 gals 70Q Binary Foam, 46,500 lbs 20/40 Interprop		
CIBP w/ 36' cmt	12,214	12,250	36'	3/21/2001	CIBP w/ 36' cmt cap: CIBP at 12,250', TOC at 12,214'		
LWR AUSTIN	12,312	12,324	12'	3/14/2001	Perfs: 4" guns, 4 SPF Stimulation: Acidize with 1,500 gals 15% NEFE acid. No Pressure BU or fluid entry.		

TUBING DETAIL				
Tubing Detail		Length	Top Depth	Bottom Depth
KB Adjustment (used for WOR tally) (Jnt Count)		15.00'	.0'	15.0'
2-3/8" 4.7# N-80 8rd EUE tbg (1)		32.15'	15.0'	47.2'
2-3/8" 4.7# N-80 sub		4.10'	47.2'	51.3'
2-3/8" 4.7# N-80 8rd EUE tbg (405)		12,856.97'	51.3'	12,908.2'
On-Off Tool (w/ 1.781 'F' profile)		1.71'	12,908.2'	12,909.9'
5-1/2" x 2-3/8" AS-1X Pkr		5.49'	12,909.9'	12,915.4'
2-3/8" 4.7# N-80 sub		10.28'	12,915.4'	12,925.7'
'F' Profile Nipple (2-3/8", 1.781" ID)		0.90'	12,925.7'	12,926.6'
WLREG - 2-3/8"		0.41'	12,926.6'	12,927.0'
DATE INSTALLED: 05-08-2002				
* Well was on Plunger Lift in the past, not sure of current PL equipment status				
2-7/8" Tbg Lengths based at: --		ACTUALS	EOT:	
2-3/8" Tbg Lengths based at: --		ACTUALS		
Tubing Totals	Footage	Joints	Avg Jnt	
2-7/8" 6.5# L-80 8rd EUE tbg	--	--	--	
2-3/8" 4.7# N-80 8rd EUE tbg	12,889.1'	406.0	31.75'	
	12,889.1'	406.0	31.75'	



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COMMENTS

Action 133654

COMMENTS

Operator: Catena Resources Operating, LLC 1001 Fannin Street Houston, TX 77002	OGRID: 328449
	Action Number: 133654
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	9/16/2022

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1625 N. French Dr., Hobbs, NM 88240
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CONDITIONS

Created By	Condition	Condition Date
kfortner	See attached COA	9/15/2022