

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Form C-101
Revised July 18, 2013

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Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

☐ AMENDED REPORT

5/3

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address Catena Resources Operating, LLC 18402 US Highway 281 N, Suite 258 San Antonio TX 78259 (210) 319-7557		2. OGRID Number 328127 328449	
3. Property Code 325008		4. API Number 30-025-45631	
5. Property Name Anchor 193528 193528 STATE COM		6. Well No. 1H	

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
M	21	19 S	35 E		400	S	400	W	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
M	33	19 S	35 E		100	S	330	W	Lea

9. Pool Information

Pool Name Klein Ranch; Wolfcamp	Pool Code 96989
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11. Work Type N	12. Well Type O	13. Cable/Rotary R	14. Lease Type S	15. Ground Level Elevation 3771'
16. Multiple N	17. Proposed Depth TVD: 11331' MD: 21680'	18. Formation Wolfcamp	19. Contractor to be determined	20. Spud Date upon approval
Depth to Ground water 60' in L 12473		Distance from nearest fresh water well 1498' southwest of L 12473		Distance to nearest surface water ≈3000' SW of stock tank

A closed-loop system will be used in lieu of lined pits.

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	17.5"	13.375"	54.5	GL - 1850'	1070 lead + 320 tail	GL
Intermediate	12.25"	9.625"	40.0	GL - 4100'	630 lead + 250 tail	GL
Production	8.75"	5.5"	20.0	GL - 21367'	790 lead + 3030 tail	3600'

Casing/Cement Program: Additional Comments

22. Proposed Blowout Prevention Program

Type	Working Pressure (psi)	Test Pressure (psi)	Manufacturer
annular and single & double rams	ann: 3000 and rams: 5000	ann: 3000 and rams: 5000	Shaffer

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

I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.

Signature:

Brian Wood

Printed name: Brian Wood

Title: Consultant

E-mail Address: brian@permitswest.com

Date: 2-5-19

Phone: 505 466-8120

OIL CONSERVATION DIVISION

Approved By:

[Signature]

Title:

Petroleum Engineer

Approved Date: 02/22/19

Expiration Date: 02/22/21

Conditions of Approval Attached

See Attached
Conditions of Approval