

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
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised July 18, 2013

☐ AMENDED REPORT

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

1 Operator Name and Address ALPHA SWD OPERATING, INC.		2 OGRID Number 372180
3 Property Code 317792	4 Property Name ALPHA SWD	5 API Number 30-015-44237
		6 Well No. 1

7. Surface Location

Alp	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
	10	24S	28E		1,457	SOUTH	2,093	EAST	EDDY

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

9. Pool Information

Pool Name	Pool Code
SWD: Silurian Devonian	96101

Additional Well Information

11 Work Type N	12 Well Type SWD	13 Cable/Rotary R	14 Lease Type Private	15 Ground Level Elevation 3,013'
16 Multiple N	17 Proposed Depth 15,200'	18 Formation Silurian Devonian	19 Contractor TBD	20 Spud Date ASAP
Depth to Ground water 25'		Distance from nearest fresh water well 500'		Distance to nearest surface water 2000'

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

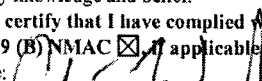
Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	26"	20"	94 lb/ft	600'	710	Surface
Intermediate	17.5"	13.375"	68 lb/ft	2,600'	1000	Surface
Production	12.25"	9.625"	47 lb/ft	9,700'	1620	Surface
Prod. Liner	8.5"	7.625"	42.8 lb/ft	9,400' - 14,000'	1950	9,400'
Tubing	N/A	5.5"	17 lb/ft	13,950'	N/A	N/A

Casing/Cement Program: Additional Comments

See attached schematic.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Hydraulic/Blinds, Pipe	5,000 psi	8,000 psi	TBD - Schaffer/Cameron

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 ☒ applicable
Signature: 

Printed name: Chris Weyand

Title: Consulting Engineer

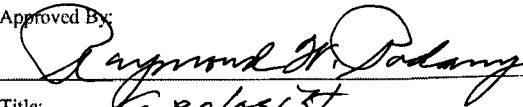
E-mail Address: chris@lonquist.com

Date: May 30, 2017

Phone: 512-600-1764

OIL CONSERVATION DIVISION

Approved By:



Title:

Geologist

Approved Date: 6-6-17

Expiration Date: 6-6-19

Conditions of Approval Attached

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44237	² Pool Code 96101	³ Pool Name SWD; Silurian Devonian
⁴ Property Code 317792	⁵ Property Name Alpha SWD	
⁶ OGRID No. 372180	⁷ Operator Name Alpha SWD Operating, Inc.	⁸ Well Number #1
		⁹ Elevation -

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	10	24 S	28 E		1457'	SOUTH	2093'	EAST	EDDY

" Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	-	-	-		-	-	-	-	-

¹⁰ Dedicated Acres 40	¹¹ Joint or Infill	¹² Consolidation Code	¹³ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>(A) (B)</p> <p>GEODETIC DATA NAD 83 GRID - NM EAST</p> <p>ALPHA SWD #1 Y=447290.53 X=621616.30 LAT=32.229411 N LONG=-104.073711 W</p> <p>CORNER DATA NAD 83 GRID - NM EAST</p> <p>A - Y=451093.37, X=618379.89 B - Y=451081.50, X=623704.83 C - Y=445834.86, X=623709.95 D - Y=445829.34, X=618417.08</p> <p>40 AC.</p> <p>ALPHA SWD #1</p> <p>2093'</p> <p>1457'</p> <p>(C) (D)</p>	<p>" OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>[Signature]</i> 5/30/2017 Signature Date</p> <p>Christopher Weyand Printed Name</p> <p>chris@lonquist.com E-mail Address</p> <p>"SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>
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STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION

PERMIT CONDITIONS OF APPROVAL

Operator Name Alpha SWD Oper
API Number 30-015-44237
Well Name and Number Alpha SWD #1

- ☐ Will require a Directional Survey and "As Drilled" C-102 with the C-104
- ☒ Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string.
- ☒ If cement does not circulate to surface, must run temperature survey or other log to determine top of cement.
- ☐ NSL approval required prior to sale of product
- ☐ NSP approval required for requested acreage dedication
- ☒ Initial injection cannot commence until all regulatory requirements have been met and drilling and completion data conforms to approved SWD order