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

State of New Mexico

NM OIL CONSERVATION FORM C-101

ARTESIA DISTRICT Revised July 18, 2013

Energy Minerals and Natural Resources

Oil Conservation Division

NOV 01 2017 MAMENDED REPORT

1220 South St. Francis Dr.

RECEIVED

Santa Fe, NM 87505

Phone: (505) 476	-3460 Fax: (50:	5) 4/6-3462								
APPLI	CATIC	ON FOI	R PERMIT '	TO DRILL	, RE-ENTE	R, DEEPEN	I, PLUGBAC	K, OR AI	DD A ZONE	
			1. Operator Nam					^{2.} OGRID Nur 372180	nber	
			ALPHA SWD OP 4436 STER							
			PLANO, T			³ API Numb 30-015-T B	44530			
* Property Code S. Property ALPHA								6.	Well No. 2	
				^{7.} S	urface Locatio	on				
UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County	
С	18	23S	28E		353	NORTH	2,398	WEST	EDDY	
				8 Propos	sed Bottom Ho	ole Location				
UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County	
	· -	-	-		-	-	-	-	-	
	<u> </u>		_ <u></u> _	<u> </u>			<u> 1</u>	<u> </u>		
				9. P	ool Informati	on				
				Poo	ol Name				Pool Code	
				SWD; Silu	rian-Devonian				96101	
				Additio	nai Weli Infor	mation				
11. Wo	rk Type		12. Well Type	T	13. Cable/Rotary			15. C	5. Ground Level Elevation	
	N	İ	SWD	R			Private		3,051'	
	ultiple		17. Proposed Dept	4 1			19. Contractor TBD		^{20.} Spud Date	
	N		14,465		Siluro-Devonian				ASAP	
Depth	to Ground w 60'	ater		Distance fro	om nearest fresh water well Distance 1			istance to nearest s >1 mile		
					802					
We will b	e using a	closed-loo	p system in lieu	of lined pits						
			2	^{1.} Proposed C	asing and Cen	nent Program				
Туре	Hol	le Size	Casing Size	Casing W		Setting Depth	Sacks of Cement		Estimated TOC	
Surface	2	26"	20"	94 11	o/ft	450'	1,14	45	Surface	

Туре	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	26"	20"	94 lb/ft	450'	1,145	Surface
Intermediate 1	17.5"	13.375"	68 lb/ft	2,450'	1,410	Surface
Intermediate 2	12.25"	9.625"	47 lb/ft	9,500'	1,935	Surface
Production	8.5"	7.625"	39 lb/ft	13,275	1,600	Surface
Tubing	N/A	5.5"	17 l b/ft	13,225'	N/A	N/A

Casing/Cement Program: Additional Comments

See	attached	schematic.

22. Proposed Blowout Prevention Program

Туре	Working Pressure	Test Pressure	Manufacturer
Double Hydrualic/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.	OIL CONSERVATION DIVISION			
I further certify that I have complied with 19.15.14.9 (A) NMAC and/or 19.15.14.9 (B) NMAC and/or	Approved By:			
Signature:	Title: Geologist. Approved Date: //-6-/7 Expiration Date: //-6-/9			
Printed name: Chris Weyand	Title: Geologist.			
Title: Consulting Engineer	Approved Date: //-6-/7 Expiration Date: //-6-/9			
E-mail Address: chris@lonquist.com				
Date: [0 27 2017 Phone: 512-600-1764	Conditions of Approval Attached Approved 2.108			

NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-102

State of New Mexico Energy, Minerals and Natural Resources Department

NOV 01 2017 Revised August 1, 2011

Submit one copy to appropriate
District Office

DISTRICT I 1825 N. French Dr., Hobbs, NM 88240 Phone (878) 383-8181 Fax: (578) 393-0720 DISTRICT II 811 S. First St., Artesia, NM 88210 Phone (578) 748-1233 Fax: (578) 748-9720 DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone (506) 334-6178 Fax: (506) 334-6170

DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone (505) 476-3460 Fax: (505) 476-3462

Dedicated Acres

Joint or Infill

Consolidation Code

OIL CONSERVATION DIVISION

1220 South St. Francis Dr. Santa Fe, New Mexico 87505 RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

30-015-44	Pool Code Pool Name 96101 SWD; Silurian-De			Pool Name D; Silurian-Devo	vonian			
Property Code	Property Name					Well Number		
317792	ALPHA SWD					2		
OGRID No.	Operator Name					Elevation		
372180			ALPHA SWD OPERATING LLC				3051'	
Surface Location								
UL or lot No. Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
С	18	23 S	28 E		353	NORTH	2398	WEST	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

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

Order No.

N.: 477532.3 E: 602593.8 (NAD83) ———————————————————————————————————	SURFACE LOCATION Lat - N 32.311518* Long - W 104.126802* NMSPCE - E 563806.4 (NAD-27)	N.: 477508.0 E.: 607780.3 (NAD83)	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organisation either owns a working interest or unlikesed 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 pobling order heretofore entered by the division. Description Date Date Christopher Weyand
Lot 3 Lot 4 Lot 4 N.: 472201.0 E.: 602540.4 (NAD83)		N.: 472221.5 E.: 607832.2 (NAD83)	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 supervison and that the same is true and correct to the heater my belief. OCCUPATION 17 Date Streey MEX. Signature & GOV. Let be 7977 Date Streey MEX. Signature & GOV. Let be 7977 Date Streey MEX. Signature & GOV. Let be 7977 DATE HELLE 1" = 2000' WO Num.: 33365

NM OIL CONSERVATION ARTESIA DISTRICT

NOV 01 2017

RECEIVED

AUSTIN

HOUSTON WICHITA

DENVER CALGARY

October 27, 2017

New Mexico Energy, Minerals, and Natural Resources Department Oil Conservation Division District II 811 S. First St. Artesia, New Mexico 88210 (575) 748-1283

ALPHA SWD NO. 2 AUTHORIZATION TO INJECT RE:

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for Alpha SWD Operating LLC's Alpha SWD No. 2. In addition, Forms C-101 and C-102 have also been included with this package. Notices have been sent to offset leaseholders and the surface owner. Proof of notice will be sent to the OCD upon receipt.

Any questions should be directed towards Alpha SWD Operating LLC's agent Lonquist & Co., LLC.

Regards,

Christopher B. Weyand

Staff Engineer

Lonquist & Co., LLC

(512) 600-1764 chris@longuist.com

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPÉ	APP NO.

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



NM OIL CONSERVATION

ARTESIA DISTRICT

NOV **01** 2017

RECEIVED ADMINISTRATIVE APPLICATION CHECKLIST THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE **Application Acronyms:** [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication] [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response] [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A] Location - Spacing Unit - Simultaneous Dedication ☐ NSL ☐ NSP ☐ SD Check One Only for [B] or [C] Commingling - Storage - Measurement \square CTB \square PLC \square PC \square OLS \square OLM Injection - Disposal - Pressure Increase - Enhanced Oil Recovery [C] [D] Other: Specify [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or \square Does Not Apply Working, Royalty or Overriding Royalty Interest Owners [A] [B] Offset Operators, Leaseholders or Surface Owner [C] Application is One Which Requires Published Legal Notice [D]Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office [E]For all of the above, Proof of Notification or Publication is Attached, and/or, [F] Waivers are Attached [3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE. **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division. Note: Statement must be completed by an individual with managerial and/or supervisory capacity. 10/27/2017 Consulting Engineer Chris Weyand Print or Type Name Title chris@longuist.com

e-mail Address

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

FORM C-108 Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I.	PURPOSE: Secondary Recovery Pressure Maintenance X Disposal Storage Application qualifies for administrative approval? X Yes No NM OIL CONSERVATION							
II.	OPERATOR: ALPHA SWD OPERATING LLC							
	ADDRESS: 4436 STERLING LN // PLANO, TX 75093							
	CONTACT PARTY: KURT KNEWITZ PHONE: (214) 418-1177 RECEIVED							
III.	WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.							
IV.	Is this an expansion of an existing project? Yes X No If yes, give the Division order number authorizing the project:							
V.	Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.							
VI.	Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.							
VII.	Attach data on the proposed operation, including:							
	 Proposed average and maximum daily rate and volume of fluids to be injected; Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and, If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.). 							
*VIII.	Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.							
IX.	Describe the proposed stimulation program, if any.							
*X.	Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).							
*XI.	Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.							
XII.	Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.							
XIII.	Applicants must complete the "Proof of Notice" section on the reverse side of this form.							
XIV.	Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.							
	NAME: Christopher B. Weyand SIGNATURE: DATE: Consulting Engineer DATE: 10 29 2017							
*	E-MAIL ADDRESS: chris@longuist.com If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal:							

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

III. WELL DATA

- A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:
 - (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
 - (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
 - (3) A description of the tubing to be used including its size, lining material, and setting depth.
 - (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

- B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.
 - (1) The name of the injection formation and, if applicable, the field or pool name.
 - (2) The injection interval and whether it is perforated or open-hole.
 - (3) State if the well was drilled for injection or, if not, the original purpose of the well.
 - (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
 - (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

INJECTION WELL DATA SHEET

OPERATOR: ALPHA SWD OPERATING LLC

WELL NAME & NUMBER: ALPHA SWD #2

TOWNSHIP **23S** SECTION UNIT LETTER 353' FNL & 2,398' FWL FOOTAGE LOCATION WELL LOCATION:

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

28E RANGE

Hole Size: <u>26.000"</u>

Cemented with: 1,145 sx.

Top of Cement: surface

Casing Size: <u>20.000"</u> *or*

ft3

Method Determined: circulation

1st Intermediate Casing

Hole Size: 17.500"

Casing Size: <u>13.375"</u>

Cemented with: 1,410 sx.

or

Method Determined: circulation

 \mathfrak{t}^3

Top of Cement: surface

2nd Intermediate Casing

Hole Size: <u>12.250"</u>

Casing Size: <u>9.625</u>"

Cemented with: 1.935 sx.

Top of Cement: surface

Method Determined: circulation

or

 \mathfrak{t}^3

Production Casing

Hole Size: 8.500"Casing Size: 7.625"Cemented with: 1,600 sx.orTop of Cement: surfaceMethod Determined: circulation

 $\mathfrak{t}\mathfrak{t}^3$

Injection Interval

Total Depth: <u>14,465</u>.

13,275 feet to 14,465 feet

(Open Hole)

INJECTION WELL DATA SHEET

ng Size: 5.500", 17 lb/ft, P-110 UFJ from 0'- 13,225'	ng Material: <u>Duoline</u>
Tub	Lini

Type of Packer: <u>D&L Oil Tools 7.625</u>" Permapack Packer – Single Bore

Packer Setting Depth: 13,225'

Other Type of Tubing/Casing Seal (if applicable):

Additional Data

1. Is this a new well drilled for injection? X Yes ____ Yes ___ If no, for what purpose was the well originally drilled? $\overline{N/A}$

 $\overset{\circ}{\mathbb{Z}}$

- Name of the Injection Formation: Devonian, Silurian, Fusselman and Montoya (Top 100') 7
- 3. Name of Field or Pool (if applicable): SWD; Silurian-Devonian
- intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No, new drill. Has the well ever been perforated in any other zone(s)? List all such perforated
- Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: 5.

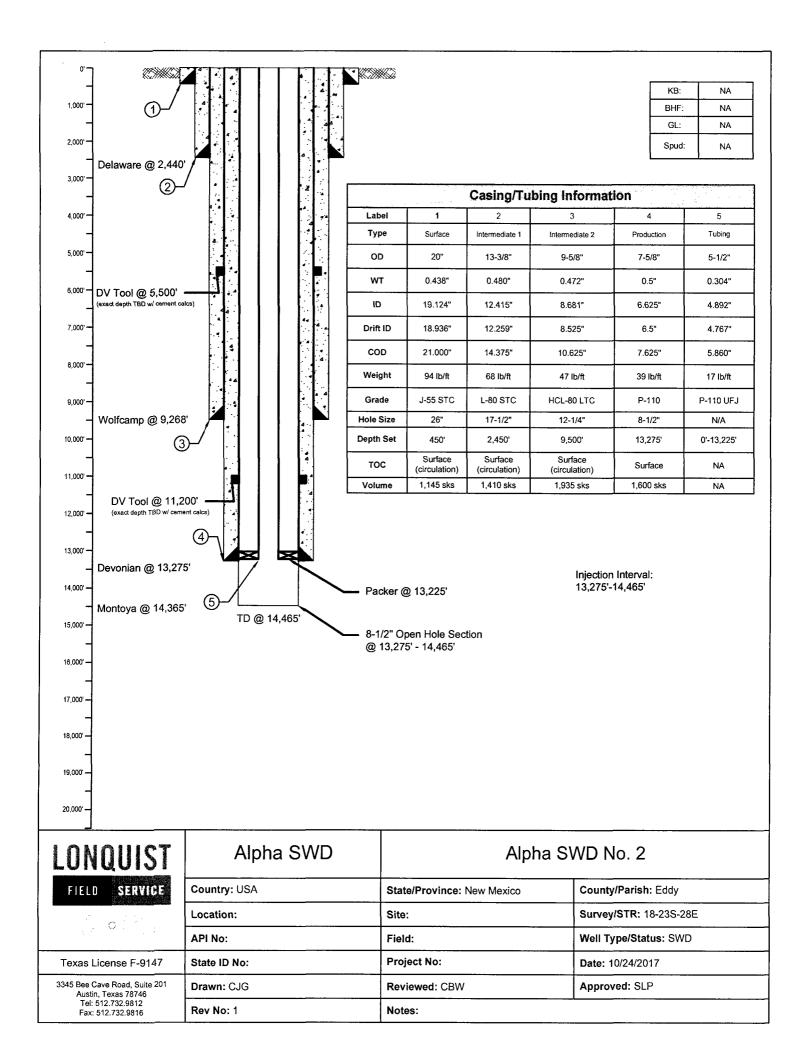
Delaware: 2,440'

Bone Spring: 5,956'

Wolfcamp: 9,268'

Atoka: 11,096'

Morrow: 11,921'



Alpha SWD Operating LLC

Alpha SWD No. 2

FORM C-108 Supplemental Information

III. Well Data

A. Wellbore Information

1.

Well information				
Lease Name	Alpha SWD			
Well No.	2			
Location	S-18 T-23S R-28E			
Footage Location	353' FNL & 2,398' FWL			

2.

a. Wellbore Description

Casing Information					
Type	Surface	Intermediate 1	Intermediate 2	Production	
OD	20"	13.375"	9.625"	7.625"	
WT	0.438"	0.480"	0.472"	0.500"	
ID	19.124"	12.415"	8.681"	6.625"	
Drift ID	18.936"	12.259"	8.525"	6.500"	
COD	21.00"	14.375"	10.625"	7.625"	
Weight	94 lb/ft	68 lb/ft	47 lb/ft	39 lb/ft	
Grade	J-55	L-80	HCL-80	P-110	
Hole Size	26"	17.5"	12.25"	8.5"	
Depth Set	450'	2,450′	9,500'	13,275'	

b. Cementing Program

	Cement Information					
Casing String	Surface	Intermediate 1	Intermediate 2	Production		
Lead Cement	С	С	С	Н		
Lead Cement Volume	1,145 sx	1,145 sx	Stage 1: 615 sx Stage 2: 920 sx	Stage 1: 250 sx Stage 2: 1,350 sx		
Tail Cement		С	Н			
Tail Cement Volume		265 sx	Stage 1: 400 sx			
Cement Excess	100%	25%	50%	50%		
тос	Surface	Surface	Surface	Surface		
Method	Circulate to Surface	Circulate to Surface	Circulate to Surface	Circulate to Surface		

3. Tubing Description

Tubing	Tubing Information		
OD	5.5"		
WT	0.304"		
ID	4.892"		
Drift ID	4.767"		
COD	5.500"		
Weight	17 lb/ft		
Grade	P-110 UFJ		
Depth Set	13,225'		

Tubing will be lined with Duoline.

4. Packer Description

D&L Oil Tools 7.625" Permapack Packer – Single Bore

B. Completion Information

1. Injection Formation: Devonian, Silurian, Fusselman, Montoya (Top 100')

2. Gross Injection Interval: 13,275' – 14,465'

Completion Type: Open Hole

3. Drilled for injection.

4. See the attached wellbore schematic.

5. Oil and Gas Bearing Zones within area of well:

Formation	Depth
Delaware	2,440′
Bone Spring	5,956'
Wolfcamp	9,268'
Atoka	11,096′
Morrow	11,921'

VI. Area of Review

No wells within the area of review penetrate the proposed injection zone.

VII. Proposed Operation Data

1. Proposed Daily Rate of Fluids to be Injection:

Average Volume: 25,000 BPD Maximum Volume: 32,000 BPD

- 2. Closed System
- 3. Anticipated Injection Pressure:

Average Injection Pressure: 1,800 PSI (surface pressure)
Maximum Injection Pressure: 2,655 PSI (surface pressure)

- 4. The injection fluid is to be locally produced water. Attached are produced water sample analyses taken from the closest wells that feature samples from the Delaware, Bone Spring, Wolfcamp, Atoka, and Morrow formations.
- 5. The disposal interval is non-productive. No water samples are available from the surrounding area.

VIII. Geological Data

The Devonian formation is a dolomitic ramp carbonate that occurs below the Woodford shale and above the Fusselman formation. Strata found in the Devonian formation include two major groups, the Wristen Buildups and the Thirtyone Deepwater Chert, with the Wristen being more abundant. The Wristen Groups is composed of mixed limestone and dolomites with mudstone to grainstone and boundstone textures. Porosity in the Wristen group is a result of both primary and secondary development. Present are moldic, vugular, karstic (including collapse breccia) features that allow for higher porosities and permeabilities. The Thirtyone Formation contains two end-member reservoir facies, skeletal packstones/grainstones and spiculitic chert, with most of the porosity and permeability found in the coarsely crystalline cherty dolomite. These particular characteristics allow for this formation to be a tremendous Salt Water Disposal horizon.

A. Injection Zone: Siluro-Devonian Formation

Formation	Depth
Rustler	Eroded, not present
Salado	175′
Delaware	2,440′
Bone Spring	5,956'
Wolfcamp	9,268′
Strawn	10,804′
Atoka	11,096′
Morrow	11,921'
Mississippian Lime	12,835′
Woodford	13,170′
Devonian	13,275′

B. Underground Sources of Drinking Water

Within 1-mile of the proposed Alpha SWD #2 location water wells range in depth from 30' to 220'. Reported depths to fresh water range from 14' to 217' (60' on average). This is not a known fresh water aquifer, but rather represents a sporadic alluvial source.

IX. Proposed Stimulation Program

No proposed stimulation program.

X. Logging and Test Data on the Well

There are no logs or test data on the well. During the process of drilling and completion resistivity, gamma ray, and density logs will be run.

XI. Chemical Analysis of Fresh Water Wells

Cardinal Laboratories in Hobbs, New Mexico has been contracted to obtain water samples from fresh water wells within 1 mile and provide chemical analysis of the samples. When analysis is complete, the report will be provided to the OCD.

XII. Affirmative Statement of Examination of Geologic and Engineering Data

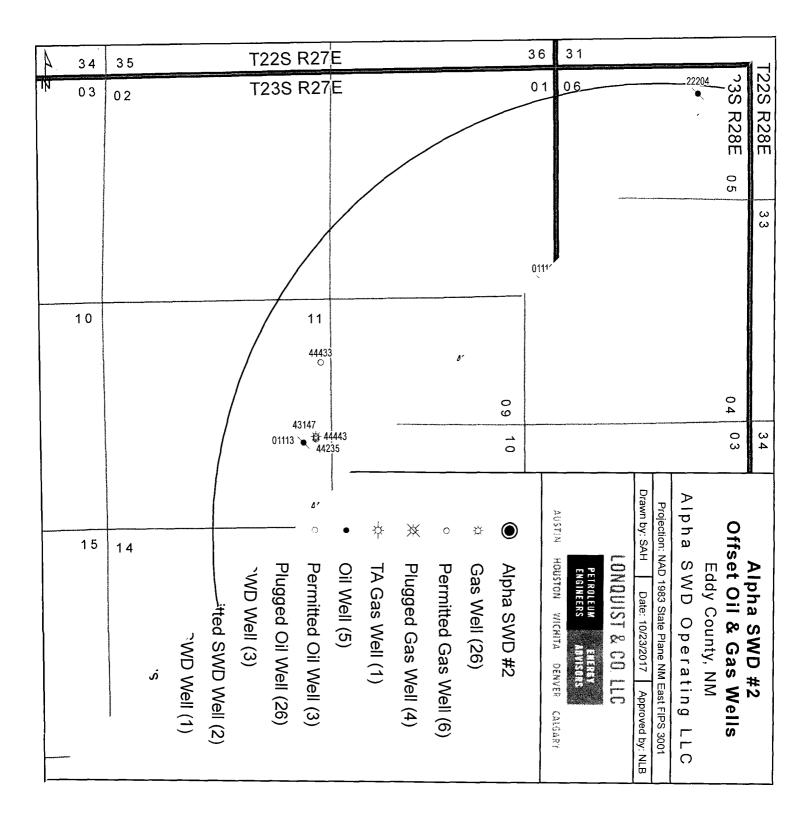
Based on the available engineering and geologic data we find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.

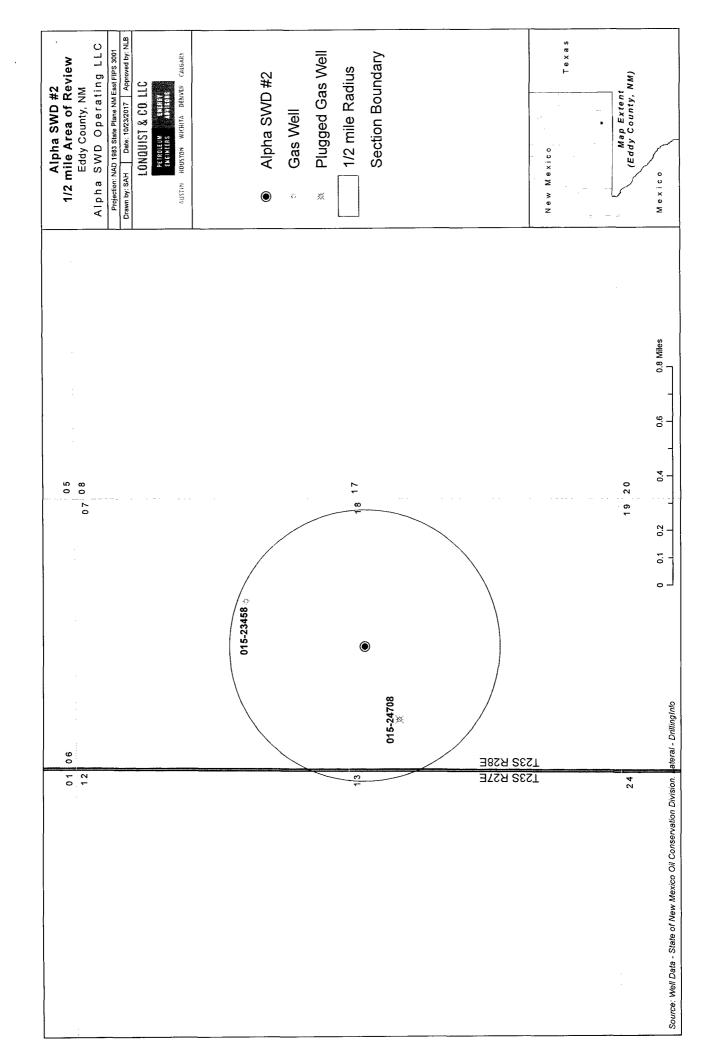
NAME: Christopher B. Weyand

SIGNATURE

TITLE: Consulting Engineer

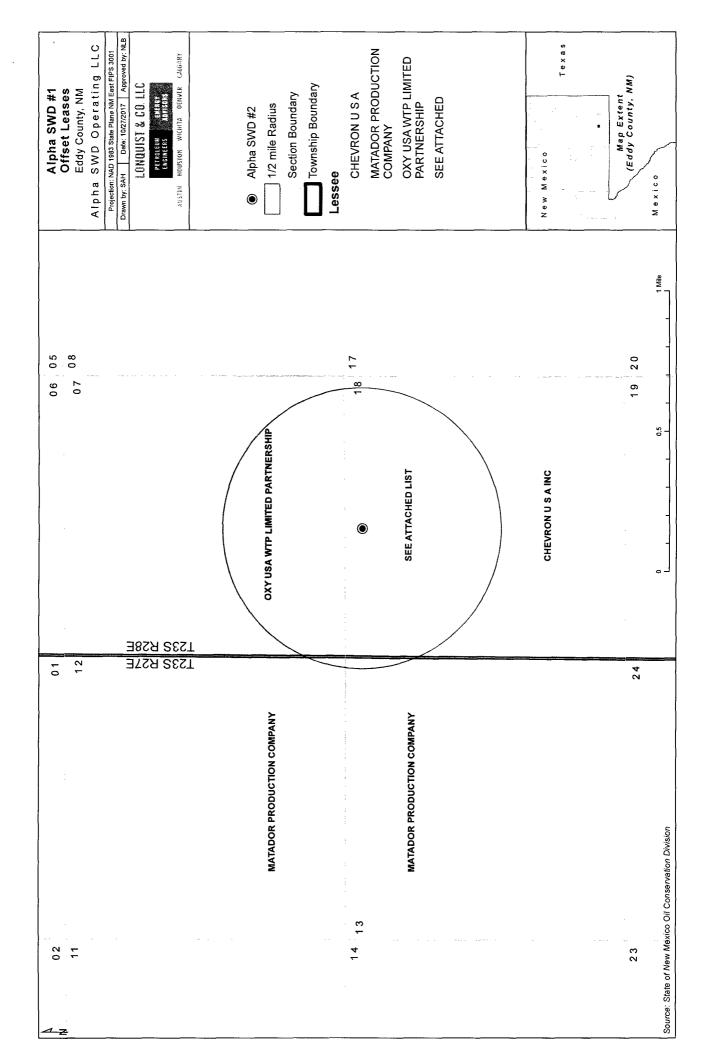
DATE: 10 27 2017





Half-Mile AOR Alpha SWD #2

API (30-015-)	Well Name	Well Type	Status	Operator	TD (TVD)	Location	Date Drilled
23458	BRANTLEY A COM #001	Gas	Active	OXY USA WTP LIMITED PARTNERSHIP	12,545	J-07-23S-28E	1/20/1997
24708	CARRASCO 18 #001	Gas	Plugged	CHEVRON U S A INC	12,650	1-18-23S-28E	8/30/2006



	Alpha SWD No. 2 Notice List		
Notice	Address	Phone Number	Date Noticed
Oil Conservation Division District IV	1220 South St. Francis Drive, Santa Fe, NM 87505	(505) 476-3440	
Oil Conservation Division District II	811 S. First St., Artesia, NM 8821C	(575) 748-1283	
	Surface Owner		
POLK LAND & MINERALS LP	C/O GLEN WEBB PC, 3300 S. 14th, Suite 206, ABILENE, TX 79605	(325) 201-1738	
	Leasehold Operators - 1/2 Mile		
MATADOR PRODUCTION COMPANY	ONE LINCOLN CENTER, 5400 LBJ FREEWAY STE 1500, DALLAS, TX 7524((972) 371-5200	
CHEVRON U S A INC	6301 DEAUVILLE BLVD, MIDLAND, TX 79706	(866) 212-1212	
OXY USA WTP LIMITED PARTNERSHIP	PO BOX 4294, HOUSTON, TX 7721C	(713) 366-5716	"
	Leaseholders and Mineral Owners - N/2 of Sec. 18-23S-28E		
Tap Rock Resources, LLC	602 Park Point Drive, Suite 200, Golden, CO 80401	(720) 772-5090	
Snow Oil & Gas	818 E Broadway St, Andrews, TX 79714	(432) 524-2371	
Crown Oil Partners V, LP	P.O. Box 50820, Midland, TX 79710-0820		
Crump Energy Partners II, LLC	P.O. Box 50820, Midland, TX 79710-0820		
Nadel & Gussman Delaware, LLC	15 East 5th Street, Suite 3300, Tulsa, OK 74103-4340	(918) 583-3333	
Marathon Oil Permian, LLC	5555 San Felipe Street, Houston, TX 77056	(713) 629-6600	
Sally Carter Ballard	3616 133rd Street, Lubbock, TX 79423		
Peter R. Carter	9320 Stratford Way, Dallas, TX 75220	(214) 902-9225	
Barbara Carter	24 Condessa Road, Santa Fe, NM 87508	(505) 820-9331	
Jeri Alexander Mangum, fka Jeri Alexander Lott			
and First Financial Trust and Asset Management			
Co., N.A., as Trustees of the Carol Gibson Trust			1
and Cynthia Rhodes Trust	P.O. Box 701, Abilene, TX 79604		
Caki Family Limited Partnership	3721 Pallos Verdas, Dallas, TX 75229		
Catherine Gall Parker and Craig Parker Exempt			
Trust	3721 Pallos Verdas, Dallas, TX 75229		, <u>,</u>
Caren Gall Lucas Exempt Trust	P.O. Box 90621, Austin, TX 78709-0621		
JMA Oil Properties, Ltd, Whose General Partner is			
JMA Management, LLC	P.O. Box 58, Abilene, TX 79604		1
Emma U. Carrasco	P.O. Box 26, Loving, NM 88256		
The Emilio R. Villa Revocable Trust	1206 Bryan Circle, Carlsbad, NM 88220		
Edmund T. Anderson, IV	2521 Humble, Midland, TX 79705	(432) 684-4560	
Edmund T. Anderson, IV, Trustee for the Mary		(102) 00 1 1000	
Anderson Boll Family Trust	2521 Humble, Midland, TX 79705	(432) 684-4560	
Guitar Land & Cattle, LP	P.O. Box 2213, Abilene, TX 79604		
The Earl B. Guitar and Margaret Ann Guitar			
Revocable Trust	P.O. Box 748, Abilene, TX 79604		
CrownRock Minerals, L.P.	P.O. Box 51933, Midland, TX 79710		
Truchas Peaks, LLC	110 Louisiana, Suite 500, Midland, TX 79701		<u> </u>
Honey's Heritage LP	P.O. Box 833206, Richardson, TX 75083-3206		
The Mary Guitar Polk Estate Limited Partnership	15250 Prestonwood Bivd., #441, Dallas, TX 75248	(972) 388-1144	
Ruth Ann Polk Caudle	15250 Prestonwood Blvd., #441, Dallas, TX 75248	(972) 388-1144	
JPH Holdings, LP	4400 Arcady, Dallas, TX 75205		
POLK LAND & MINERALS LP	C/O GLEN WEBB PC, 3300 S. 14th, Suite 206, ABILENE, TX 79605	(325) 201-1738	

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