e-mail Address

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION - Engineering Bureau 1220 South St. Francis Drive, Santa Fe, NM 87505



THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATION WHICH REQUIRE PROCESSING AT	ATIONS FOR EXCEPTIONS TO DIVISION RU	LES AND REGULATIONS
Application Acronyms: [NSL-Non-Standard Location] [NSP-Non-Standard [DHC-Downhole Commingling] [CTB-Lease Commingling] [OLS - Off-Lease Commingling] [OLS -	Proration Unit] [SD-Simultaneous ommingling] [PLC-Pool/Lease C Storage] [OLM-Off-Lease Measu (-Pressure Maintenance Expansio Pl-Injection Pressure Increase)	ommingling] urement] n]
[I] TYPE OF APPLICATION - Check Those Which A [A] Location - Spacing Unit - Simultane NSL NSP SD Check One Only for [B] or [C] [B] Commingling - Storage - Measurement	Apply for [A] (OGRID Lobo 28 (30-015-SWD; Si (98191)	371643) 5 State SWD 1
[C] Injection - Disposal - Pressure Increa WFX PMX X SWD [D] Other: Specify	☐ PC ☐ OLS ☐ OLM	
[2] NOTIFICATION REQUIRED TO: - Check Those [A] X Working, Royalty or Overriding [B] X Offset Operators, Leaseholders	g Royalty Interest Owners	ly
[C] X Application is One Which Requ [D] X Notification and/or Concurrent U.S. Bureau of Land Management - Commission	Approval by BLM or SLO	
[F] Waivers are Attached	otification or Publication is Attache	
[3] SUBMIT ACCURATE AND COMPLETE INFO OF APPLICATION INDICATED ABOVE. [4] CERTIFICATION: I hereby certify that the inform approval is accurate and complete to the best of my knowled application until the required information and notifications are Note: Statement must be completed by an individual.	nation submitted with this application lige. I also understand that no actio e submitted to the Division.	on for administrative n will be taken on this
Brian Wood	Consultant	12-21-16
Print or Type Name Signature	Title	Date

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 XXX Disposal Storage Application qualifies for administrative approval? Yes No
II.	OPERATOR: SOLARIS MIDSTREAM, LLC
	ADDRESS: 8901 GAYLORD, SUITE 210, HOUSTON TX 77024
	CONTACT PARTY: BRIAN WOOD (PERMITS WEST, INC.) PHONE: 505 466-8120
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 XXX 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: Lobo 285 State SWD 1 30-015-43979
	 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: BRIAN WOOD
	SIGNATURE: DATE: DEC. 19, 2016
	E-MAIL ADDRESS:brian@permitswest.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:

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

ELL NAME & NUM		-					· · · · · · · · · · · · · · · · · · ·		
ELL LOCATION: _	330	FN	L & 1320	FEL	В		2.2	25 S	
<u>WELI</u>			AGE LOCA H <i>EMATIC</i>	ΠΟΝ	UNIT LETTER	SE		ONSTRUCTION DAT	
(1	not to	scal	e)	garps-			Surface (Casing	
* * * *		7		20" 94# in 26" hole @ 575'	Hole Size:	26"		Casing Size: 2	:0"
GEGERALE GEG 14,350°			TOC (1500 sx) = GL	Cemented with: _	1500	sx.	or	f	
	i,				Top of Cement: _	SURFA	CE	Method Determined	: CIRCULATE
							Intermedia	te Casing	,
	@ 14.350	1/2			Hole Size:	17.5" 12.25"		Casing Size: 13.3 9.62	75" @ 3175
	5" (PC tha	A TONE TO		5" 61# in	Cemented with: _	1750	SX.	9.62 or	f
	4 5"		÷ 9.625	hole @ 3175' ' 43.5# in ' hole @ 10300'	Top of Cement:	SURFACE		Method Determined	d: CIRCULAT
	4			750 sx) = GL			Productio	n Casing	
	346		7" 29# in		Hole Size:	8.5"		Casing Size:	7"
packer @			8.5" hole @	0 14,400' (xx) = 9,800' (CBL)	Cemented with:	675	sx.	or	f
Silurian		i		`	Top of Cement:	9,80	0''	Method Determined	d: CBL
6.125" open hole 14,400' - 15,500'	1	1			Total Depth:	CSG (14400'	& TD @ 15500'	
	TD 15	,500'	•			: ,	Injection	Interval	
			•		6.125" HO	LE SIZE	14,400 _{fee}	t to 15,500'	

INJECTION WELL DATA SHEET

ing Size: 4.5" Lining Material: DUOLINE GLASSBORE
De of Packer: NICKEL PLATED DOUBLE GRIP RETRIEVABLE
ker Setting Depth: <u>≈14,350'</u>
ner Type of Tubing/Casing Seal (if applicable):
Additional Data
Is this a new well drilled for injection? XXX YesNo
If no, for what purpose was the well originally drilled?
Name of the Injection Formation: SILURIAN
Name of Field or Pool (if applicable): SWD; SILURIAN-ORDOVICIAN (98191)
Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. NOT IN OTHER ZONES
Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:
OVER: BONE SPRING 6240' & WOLFCAMP 9500'
UNDER: NONE

· 1

30-015-43979

I. Plan is to drill a 15,500' deep commercial saltwater disposal well. Proposed disposal interval will be 14,400' - 15,500' in the Silurian portion of the SWD; Silurian-Ordovician (98191) pool. See Exhibit A for map and Form C-102.

(OGRID # = 371643)Operator: Solaris Midstream, LLC ₩.

Operator phone number: (281) 501-3079

Operator address: 8901 Gaylord, Suite 210, Houston TX 77024

Contact for Application: Brian Wood (Permits West, Inc.)

Phone: (505) 466-8120

Lease: New Mexico State Land Office lease VA-3054-0000 Lease Size: 320.00 acres (see Exhibit A for map and C-102) III. A. (1) Closest Lease Line: 330' Lease Area: E2 Section 22, T. 25 S., R. 28 E.

Surface casing (20", 94#) will be set at 575' in a 26" hole and cemented to GL with 1500 sacks (1875 cubic feet). A. (2)

First intermediate casing (13.375", 61#) will be set at 3175' in a 17.5" hole and cemented to GL with 1750 sacks (4325 cubic feet).

Second intermediate casing (9.625", 43.5#) will be set at 10,300' in a 12.25" hole and cemented to 2600' with 1750 sacks (3550 cubic feet).

Liner (7", 29#) will be set from 9800' to 14,400' in an 8.5" hole and cemented to 9800' with 675 sacks (1055 cubic feet).

A 6.125" open hole will be drilled to 15,500' (TD).



30-015-43979

- A. (3) Tubing (CLS 4.5" duoline 20 GlassBore® or its equivalent) will be set at ≈14,350'. (Disposal interval will be 14,400' to 15,500'.)
- A. (4) A nickel plated double grip retrievable packer will be set at ≈14,350' (or ≤100' above the top of the open hole which will be at 14,400').
- B. (1) Disposal zone will be the Silurian (SWD; Silurian-Ordovician (98191) pool). Estimated fracture gradient is ≈0.65 psi per foot.
- B. (2) Disposal interval will be open hole from 14,400' to 15,500'.
- B. (3) Well has not been drilled. It will be drilled as a saltwater disposal well.
- B. (4) No perforated intervals are in the well.
- B. (5) Three existing wells are in the area of review. None penetrated the Silurian (14,400'). Zones above the Silurian that have produced in the area of review are the Bone Spring (6240') and Wolfcamp (9,500'). No oil or gas zones are below the Silurian in the area of review.
- IV. This is not an expansion of an existing injection project. It is disposal only.
- V. Exhibit B shows the 3 existing wells (1 gas + 1 oil + 1 P&A) within a half-mile radius. Exhibit C shows all 49 existing wells (32 oil or gas wells + 10 P & A wells + 6 disposal wells + 1 windmill) within a two-mile radius. The 2 water wells shown in the State Engineer's database could not be found.

Exhibits D and E shows all leases and lessors (BLM, fee, and State) within a half-mile follow. half-mile radius and two-mile radius. Details on leases within a half-mile follow.



30-015-43979

Aliquot Parts in Area of Review (T25S, R28E)	Lessor	Lease	Lessee(s) of Record	Well Operator (not Silurian)
W2SW4 Sec. 14	BLM	NMNM-112920	JTD Resources	Cimarex
SESE Sec. 15	NMSLO	V0-6854-0002	Devon	Mewbourne
N2SE4 & SWSE Sec. 15	fee	San Lorenzo	Devon & Mewbourne	Mewbourne
E2SW4 Sec. 15	NMSLO	V0-6854-0002	Devon	Mewbourne
E2NW4 Sec. 22	BLM	NMNM-121942	EOG A, M, & Y Resources and Oxy	EOG Y
NE4 & N2SE4 Sec. 22	NMSLO	VA-3054-0000	Yates	EOG Y
W2NW4 Sec. 23	BLM	NMNM-013413	Chevron	none

VI. No well within $\frac{1}{2}$ mile penetrated the Silurian (top = 15,500'). Wells within $\frac{1}{2}$ mile, regardless of depth, are:

API	Who	Well	Status	Unit- Section- T25S- R28E	TVD	Zone	Feet From Lobo 285 State SWD 1
3001540403	Mewbourne	San Lorenzo 15 OB Fee 1H	G	0-15	10629	Wolfcamp	626
3001540864	Mewbourne	San Lorenzo 15 PA-State Com 1	0	P-15	8285	Bone Spring	904
3001502516	Snyder	Pecos Irrigation 1	P&A	l-15	3300	Bell Canyon	2402

- VII. 1. Average injection rate will be ≈25,000 bwpd. Maximum injection rate will be ≈30,000 bwpd.
 - 2. System will be open. Water will be trucked.
 - 3. Average injection pressure will be ≈3,000 psi



30-015-43979

Maximum injection pressure will be 2,880 psi (= 0.2 psi/foot x 14,400' (top of open hole)).

- 4. Main source of disposal water will be water produced from Bone Spring and Wolfcamp wells. All but 2 of the producing wells in Section 22 and the adjacent 8 sections are Bone Spring or Wolfcamp wells. The other 2 wells produce from the Upper Penn, Strawn, and Morrow. However, water produced from other Permian Basin zones could also be disposed. Water analyses from Go-Tech samples in T. 25 S., R. 28 E. are in Exhibit F. TDS range from 102,849 to 301,207 (vs. 63,260 in a Devonian sample, also in Exhibit F). No compatibility problems have been reported from the closest (1.88 miles WNW) active Devonian disposal well (30-015-41806). The 4,523,186 barrels that have been disposed from June, 2014 to date include Delaware, Bone Spring, and Wolfcamp water.
- Devonian was tested in a 14,410' deep well (30-015-10724) that is 1.90 miles southwest and found dry. No Silurian producer is within a ≥7 mile radius. An analysis of Devonian water is in Exhibit F.

VIII. The Silurian (≈1,100' thick) disposal zone is mainly composed of highly permeable carbonates (limestone and dolomite). Broadhead and Speer (Oil and Gas in the New Mexic Part of the Permian Basin in 1993 NMGS Guidebook) said, "Porosity development is primarily secondary in origin, commonly being vugular or fractured in nature." Closest possible underground source of drinking water above the proposed disposal interval is the Rustler at the surface. No underground source of drinking water is below the proposed disposal interval. According to State Engineer records (Exhibit G), closest water wells (maximum depth = 150') are 2,863' southwest (C 01522) and 7,317' southeast (C 01453). Neither could be found during a September 1, 2016 inspection.

However, a windmill ≈3,600' NNW was found during the inspection and sampled. The windmill is not in the State Engineer's records. Probable water source for the windmill is the Rustler. See Exhibit H for windmill photograph and analyses.



30-015-43979

Estimated formation tops are:

Rustler = 0'
Lamar = 3,440'
Brushy Canyon = 4,695'
Bone Spring = 6,240'
Wolfcamp = 9,500'
Strawn = 11,900'
Morrow = 12,700'
Mississippian Ls = 13,975'
Woodford = 14,175'
Silurian = 14,400'
disposal interval = 14,400'
TD = 15,550'
Ellenburger = 16,100'

One water well is within a 1-mile radius (Exhibit G) and sampled (Exhibit H). There will be >2 miles of vertical separation between the bottom of the only likely underground water source (Rustler) and the top of the Silurian. Over 20,724,374 underground water source (Rustler) and the Silurian in 4 wells (Delaware and barrels of water have been disposed above the Silurian in 4 wells (Delaware and Bone Spring) in adjacent Sections 15, 16, 21, and 27.

- IX. The well will be stimulated with acid.
- X. DLL, GR/N density, and CBL logs will be run.
- XI. Based on a September 1, 2016 field inspection, one active water well is within a one-mile radius (Exhibit G) and it was sampled (Exhibit H).



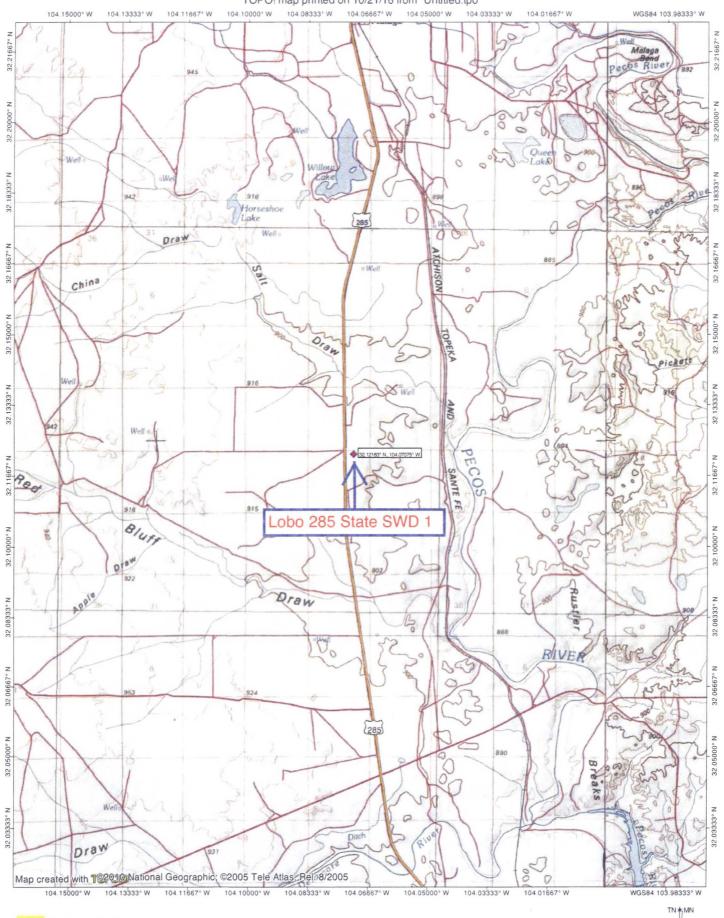
30-015-43979

XII. Closest Quaternary fault is ≈50 miles southwest (Exhibit I). Based on a review (Exhibit J) by geologist David Entzminger, Solaris Midstream LLC is not aware of any geologic or engineering data that may indicate the Silurian is in hydrologic connection with any underground sources of water. Hundreds of feet of evaporites prevent that from occurring. Deepest water well within a 2-mile radius evaporites prevent that from occurring. Deepest water well within a 2-mile radius is 150' (Exhibit G). There are 2 active and 7 approved Silurian saltwater disposal wells in New Mexico.

XIII. A legal ad (see Exhibit K) was published on November 4, 2016. Notice (this application) has been sent (Exhibit L) to the surface owner (NM State Land application) has been sent (Exhibit L) to the surface owner (Chevron, Devon, Office), government lessors (BLM & NMSLO), lessees of record (Chevron, Devon, Office), government lessors (BLM & NMSLO), lessees of record (Chevron, Devon, Office), Mewbourne, Oxy, Yates, and EOG A, M, & Y Resources), operating rights JTD, Mewbourne, Oxy, Yates, and EOG A, M, & Y Resources), Leonard holders (Bigbie, Centennial, CL&F, Eau Rouge, Encana, Fasken, Hat Mesa, Leonard holders (Bigbie, Centennial, CL&F, Eau Rouge, Encana, Fasken, Hat Mesa, Leonard holders (Bigbie, Centennial, CL&F, Eau Rouge, Encana, Fasken, Hat Mesa, Leonard holders (Bigbie, Centennial, CL&F, Eau Rouge, Encana, Fasken, Hat Mesa, Leonard holders (Bigbie, Centennial, CL&F, Eau Rouge, Encana, Fasken, Hat Mesa, Leonard holders (Bigbie, Centennial, CL&F, Eau Rouge, Encana, Fasken, Hat Mesa, Leonard holders (Bigbie, Centennial, CL&F, Eau Rouge, Encana, Fasken, Hat Mesa, Leonard holders (Bigbie, Centennial, CL&F, Eau Rouge, Encana, Fasken, Hat Mesa, Leonard holders (Bigbie, Centennial, CL&F, Eau Rouge, Encana, Fasken, Hat Mesa, Leonard holders (Bigbie, Centennial, CL&F, Eau Rouge, Encana, Fasken, Hat Mesa, Leonard holders (Bigbie, Centennial, CL&F, Eau Rouge, Encana, Fasken, Hat Mesa, Leonard holders (Bigbie, Centennial, CL&F, Eau Rouge, Encana, Fasken, Hat Mesa, Leonard holders (Bigbie, Centennial, CL&F, Eau Rouge, Encana, Fasken, Hat Mesa, Leonard holders (Bigbie, Centennial, CL&F, Eau Rouge, Encana, Fasken, Hat Mesa, Leonard holders (Bigbie, Centennial, CL&F, Eau Rouge, Encana, Fasken, Hat Mesa, Leonard holders (Bigbie, Centennial, CL&F, Eau Rouge, Encana, Fasken, Hat Mesa, Leonard holders (Bigbie, Centennial, CL&F, Eau Rouge, Encana, Fasken, Hat Mesa, Leonard holders (Bigbie, Centennial, CL&F, Eau Rouge, Encana, Fasken, Hat Mesa, Leonard holders (Bigbie, Centennial, CL&F, Eau Rouge, Encana, Encana, Encana, En



TOPO! map printed on 10/21/16 from "Untitled.tpo"

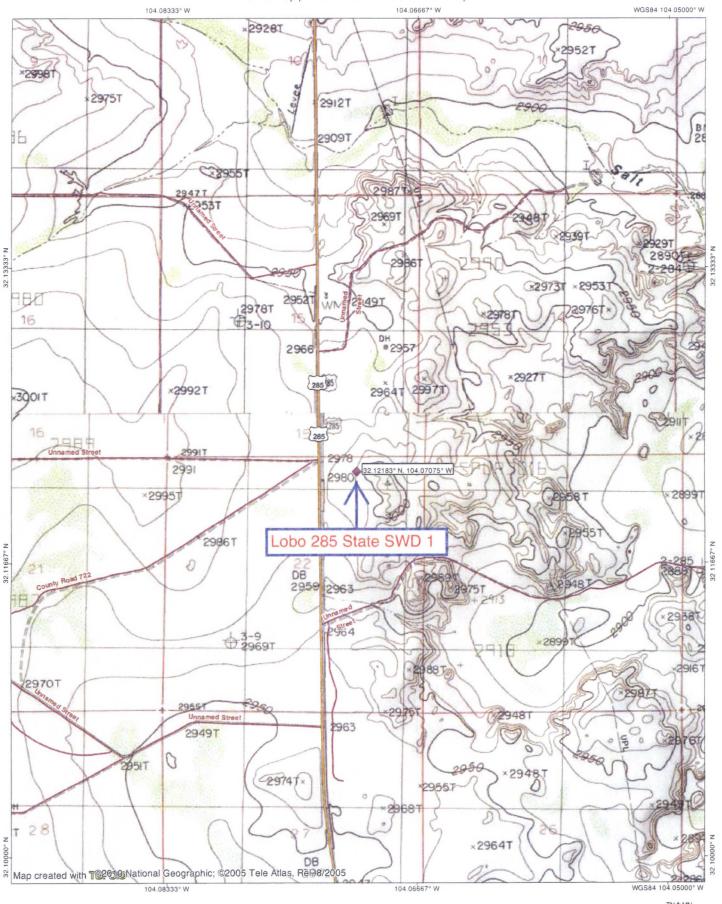








TOPO! map printed on 10/21/16 from "Untitled.tpo"







District 1
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., Sante Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

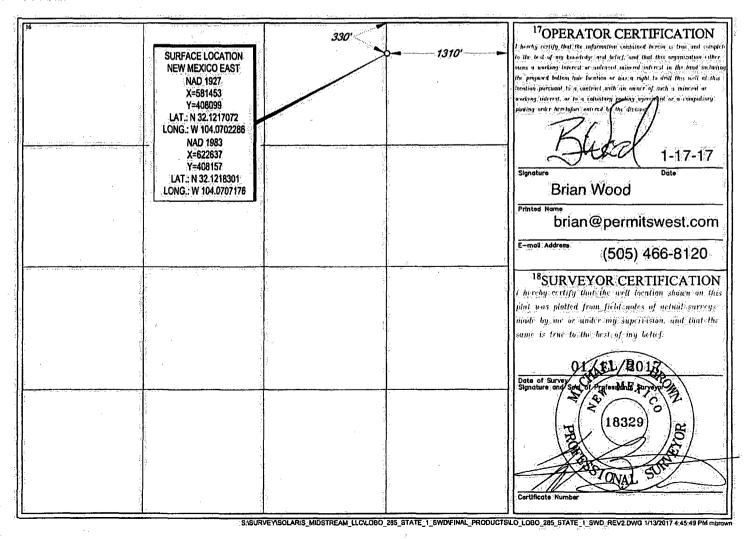
District Office

X AMENDED REPORT (well moved 10' east from 1320 FEL)

WELL LOCATION AND ACREAGE DEDICATION PLAT

30-015-4	13979		98191 SWD; Silurian-Ordovician						
Property 3171				⁶ W	⁶ Well Number #1				
⁷ OGRID 3716	Security .	en menosanga et in	Table 1. C. W.	S01	Operator No LARIS MIDS 10 Surface Lo	STREAM		i	Elevation 994
UL or let no.	Section	Township	Range	Lot Ida	Feet from the	Cation North/South line	Feet from the	East/West line	County
A	22	25-S	28-E		330'	NORTH	1310'	EAST	EDDY
To Sulla de	- normana	I Transitus	T :5	7:	Fra Com the	North/South line	Fast from the	PastAVest 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.



District 1 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II

Date: 1-17-17

Phone: 505 466-8120

Phone: (505) 334-6178 Fax: (505) 334-6170

State of New Mexico

Form C-101 Revised July 18, 2013

Energy Minerals and Natural Resources

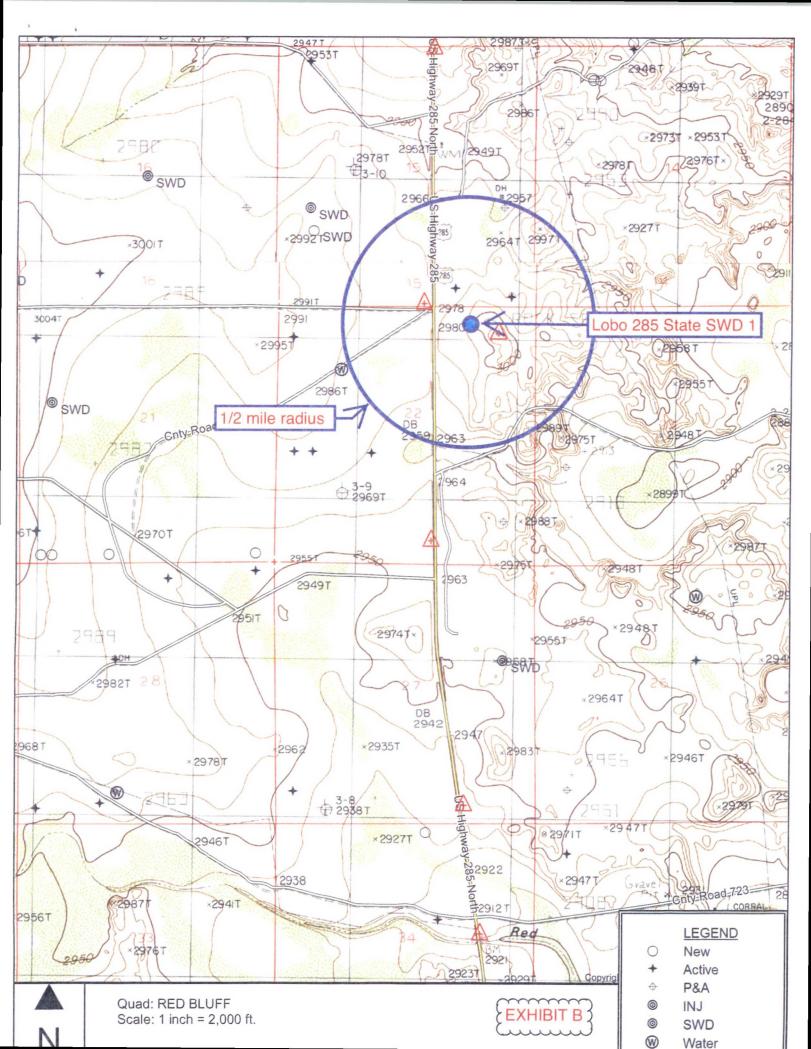
Oil Conservation Division

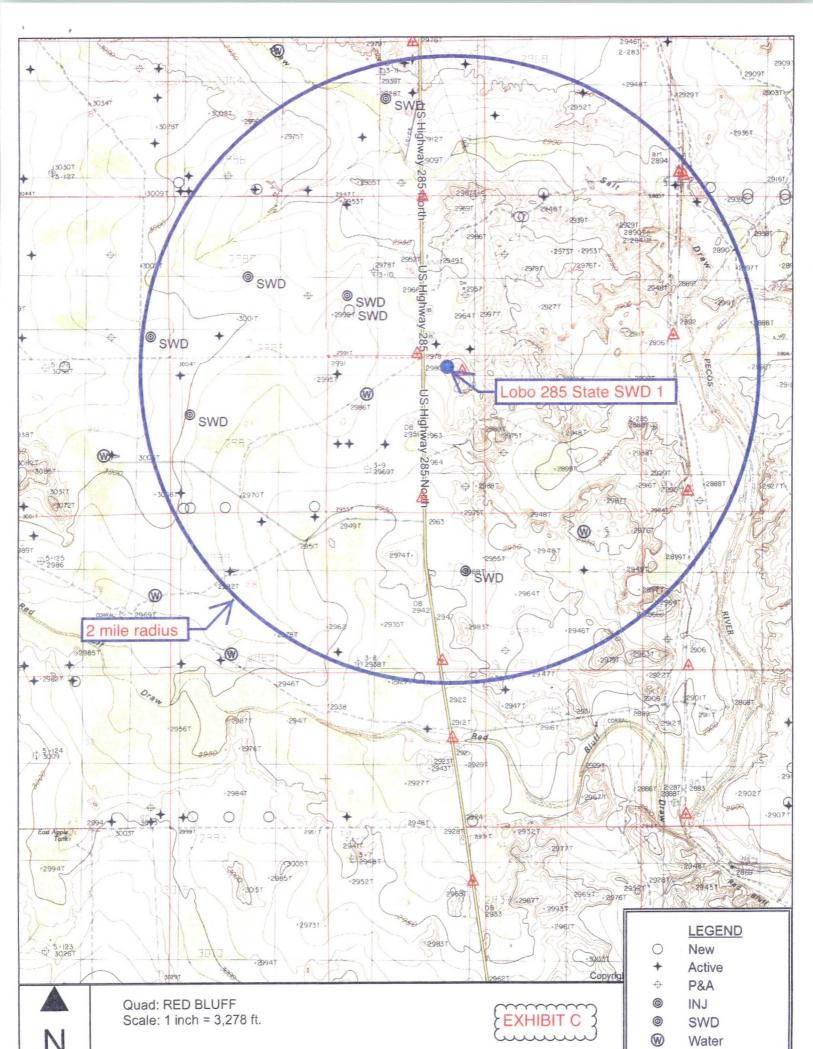
(well moved 10' east)

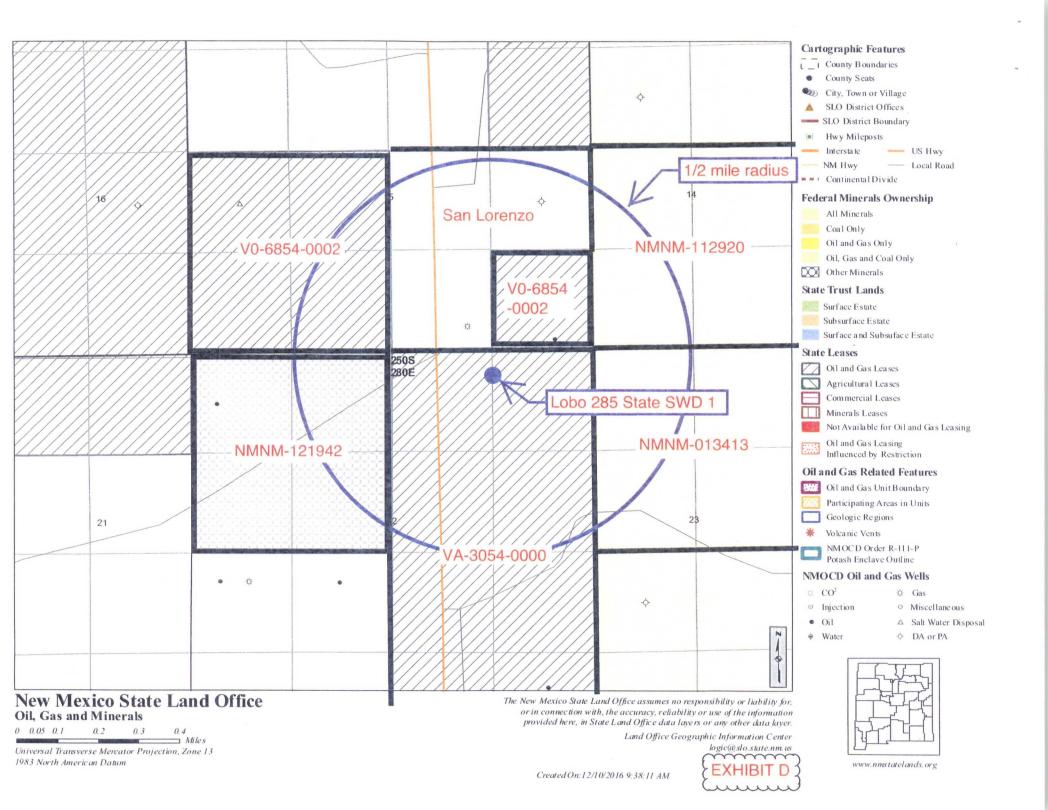
1220 South St. Francis Dr.

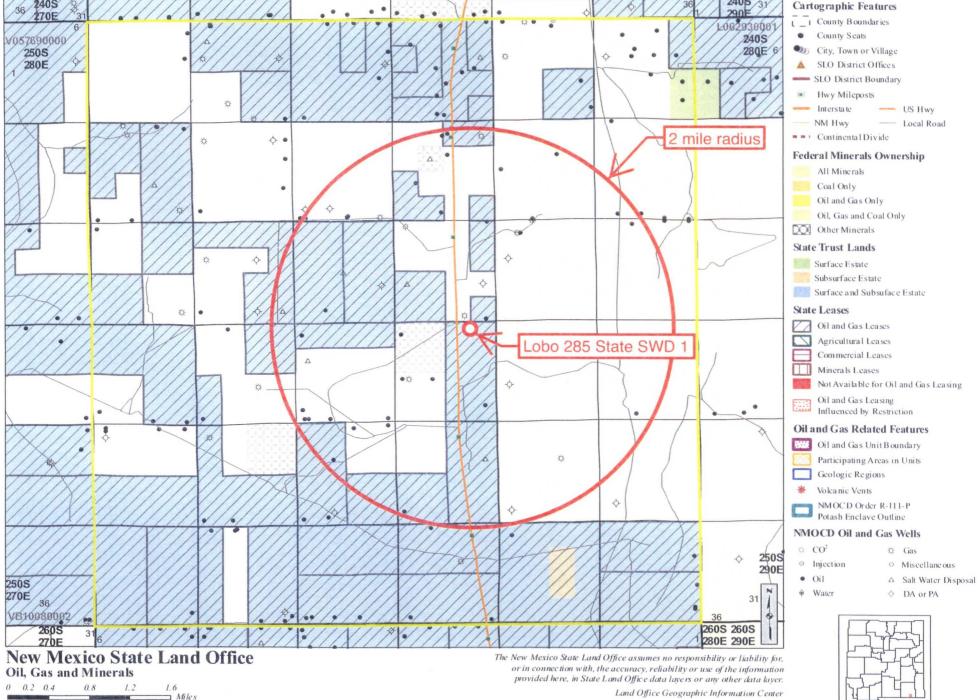
<u>District IV</u> 1220 S. St. Francis I Phone: (505) 476-34	460 Fax: (505	5) 476-3462			- 77	nta Fe, NM	1414 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
APPLIC	CATIO	So	olaris Water Mic	detres	m II C	ENTER, D	EEPEN,	PLUGBACK	OR AD 37164	// ··	
ومن الماد ال	tiek was the st		8901 Gaylord, Houston TX (281) 501	Suite 7702 -3079	210 24 9			30-015-439	API Numbe	etter	
Propert 317	ty Code 150				Lobo 285 S	state SWD			W	veji No.	
					¹ Surface l	Location					
UL - Lot	Section 22	Township 25S	Range 28E	Lo	1. '	st from N	N/S Line N	Feet From 1310	E/W Line E	County Eddy	
	بنيبيا تنينيت	<u> </u>	4	<u> </u>	Proposed Bott	tom Hole Lo	cation	\$ **		. 1	
UL - Loi	Section	Township	Range	T			N/S Line	Feet From	E/W/Line	County	
			<u> </u>		" Pool Info	rmation					
				SWD	Pool Name ; Silurian-Ordo	ovican				Pool Code 98191	
		***			dditional Well		 		1.0 1.0 4.4 0.00	<u> </u>	
11. Work Type 13. Cable						e/Rotary tary		Lease Type S	15. Gr	ound Level Elevation 2994'	
¹⁶ Mult N	ltiple		17 Proposed Depth 15500'		^{In} Foni	onation Ordovician	1	9 Contractor		²⁰ Spud Date 2/1/2017	
Depth to Ground	d water		Distar	nce from	n nearest fresh wate		<u> </u>	Distance to	nearest surface		
40' in	n C 0145	53,		2	,876' SW to C	C 01522	· ··· —	2200' sc	outh to kars	st depression	
∑We will be	using a c	losed-loop	system in lieu of		pits osed Casing an	ad Cement P	rogram	·		4	
Турс	Hole	e Size	Casing Size	1000 1000	asing Weight/ft		ng Depth	Sacks of Ce	ment	Estimated TOC	
Surface	2	6"	.20"	11 V	94	5	575;"	1500		(GL	
Intermed. 1	17	7.5"	13.375"		61	3	175!	1750		GL	
Intermed, 2	12.	.25"	9.625"	جنا	43.5	1,0)300'	1750		GL	
Inter. 3 liner	8.	.5"	7.0		29	9800'	'-14400'	675	**************************************	9800'	
Open hole	6.1	25"	N/A	<u>L</u>	N/A	15	500'	N/A		N/A	
			71.	Propo	sed Blowout P	Prevention P	rogram			· <u>· · · · · · · · · · · · · · · · · · </u>	
	Туре		v		Pressure		Test Press			lanufacturer	
dc	ouble rai	m.		50	000		5000)	To be	determined	
ia I hereby certi			on given above is tru	ie and co	amplete to the bes	it.	OIL	CONSERVATI	ON DIVIS	SION	
	fy that I b	have complic	led with 19.15.14.9 able: BU	(A) NA	AC and/or	Approved B	ly:				
Printed name: B	3rian Wc	ood				Title					
Title: Consult	tant	11,000 (100 (100 (100 (100 (100 (100 (10		 .		Approved D)ate:	Exp	oiration Date:	The second of th	
E-mail Address:	:: brian@	permitsv	vest.com	es man Con-							

Conditions of Approval Attached









Universal Transverse Mercator Projection, Zone 13

1983 North American Datum

Created On: 8/5/2016 4:54:07 PM

Land Office Geographic Information Center

logic@slo.state.nm.us



www.nmstatelands.org

WELL	API	SECTION, T25S, R28E	FORMATION	ph	TDS mgL	Na mgL	Ca mgL	Fe mgL	Mg mgL	chloride mgL	H2CO3 mgL	sulfate mgL	H2S mgL
Hopi Fed'l	3001529367	1	Delaware	6.2	301207	109024	25349	35	2750	221998	74	85	15.561
Hopi Fed'l	3001530754	1.	Delaware	5.9	289700	104602	23784	45	2915	212544	50	508	19.088
Odie 4 State 1H	3001541311	4	Bone Spring 2 sand	6.2	190675	57102	10650	45	1414	119078	~ 9 3	17	
Signal State 2	3001502520	28	Morrow		102849								
Nermal 4 State 1H	3001541239	4	Bone Spring 2 sand	7.4	208312	67903	12598	31	1592	123723	61	2	
Pooky 4 State 1H	3001541241	4	Bone Spring 2 sand	7.0	204577	63037	12092	28	1511	125493	49	0	
Hopi Fed'l 2	3001530754	1	Delaware (6.3	170840	61640	5281	94	4275	116903	111	1668	

NM WAIDS

DATA MAPS HOME SCALE CORROSION

	General Informatio	n About: Sample (5199			
	SQUARE LAK	E DEEP UNIT 001				
API	3001503979	Sample Number				
Unit/Section/ Township/Range	J/33/16S/30E	Field				
County	Eddy	Formation	DEV			
State	NM	Depth				
Lat/Long	32.87982 / -103.97885	Sample Source	DST			
TDS (mg/L)	63260	Water Type				
Sample Date(MM/DD/YYYY)		Analysis Date(MM/DD/YYYY)				
Remarks/Description						
Catio	n Information (mg/L)	Anion Information (mg/L)				
Potassium (K)		Sulfate (SO)	3600			
Sodium (Na)		Chloride (CI)	34400			
Calcium (Ca)		Carbonate (CO ₃)				
Magnesium (Mg)		Bicarbonate (HCO ₃)	1260			
Barium (Ba)		Hydroxide (OH)				
Manganese (Mn)		Hydrogen Sulfide (H ₂ S)				
Strontium (Sr)		Carbon Dioxide (CO ₂)				
Iron (Fe)		Oxygen (O)				







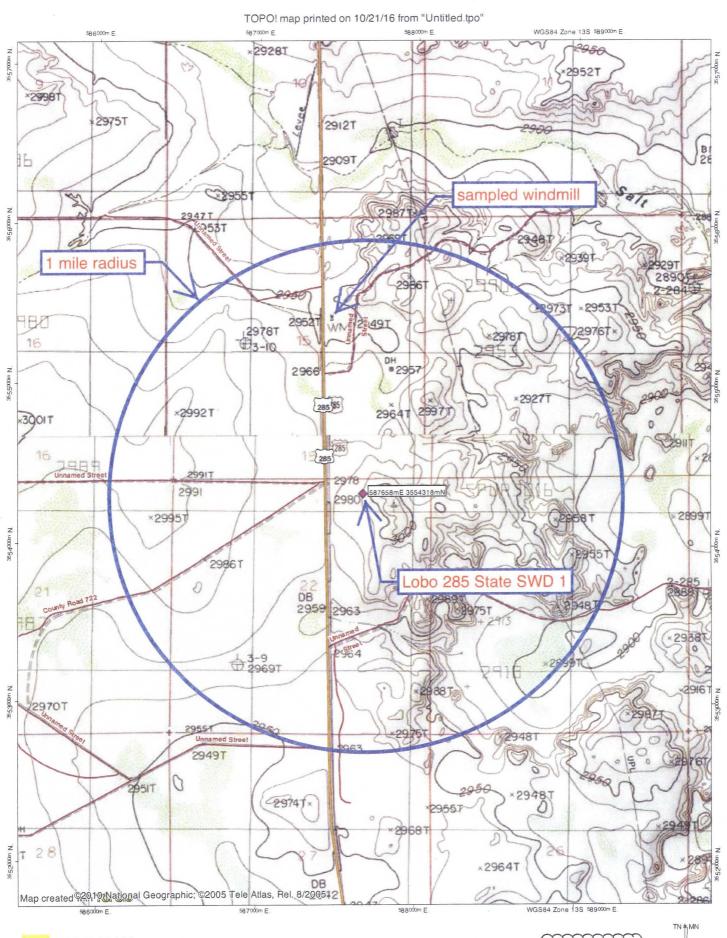




EXHIBIT G



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a

(R=POD has been replaced, O=orphaned.

C=the file is

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

& no longer serves a water right file.)	Closed)	(quarters are smallest to larg	jest) (NAD83 011		
	POD Sub-	QQQ	X	Y <u>Distance</u>	Depth Depth Water Well Water Column
POD Number	C FI	nty 64 16 4 Sec Tws. Rng 1 22 25S 28E	586843 355400	4* 🚱 873	150
C 01522 1610 m	13 15 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	D 1 2 26 25S 28E	589096 355261	2* 😭 2231	70 40 30
C 01453 = 5,20				Average Denth to	Water: 40 feet

Average Depth to Water:

40 feet Minimum Depth:

40 feet Maximum Depth:

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 587658

Northing (Y): 3554318

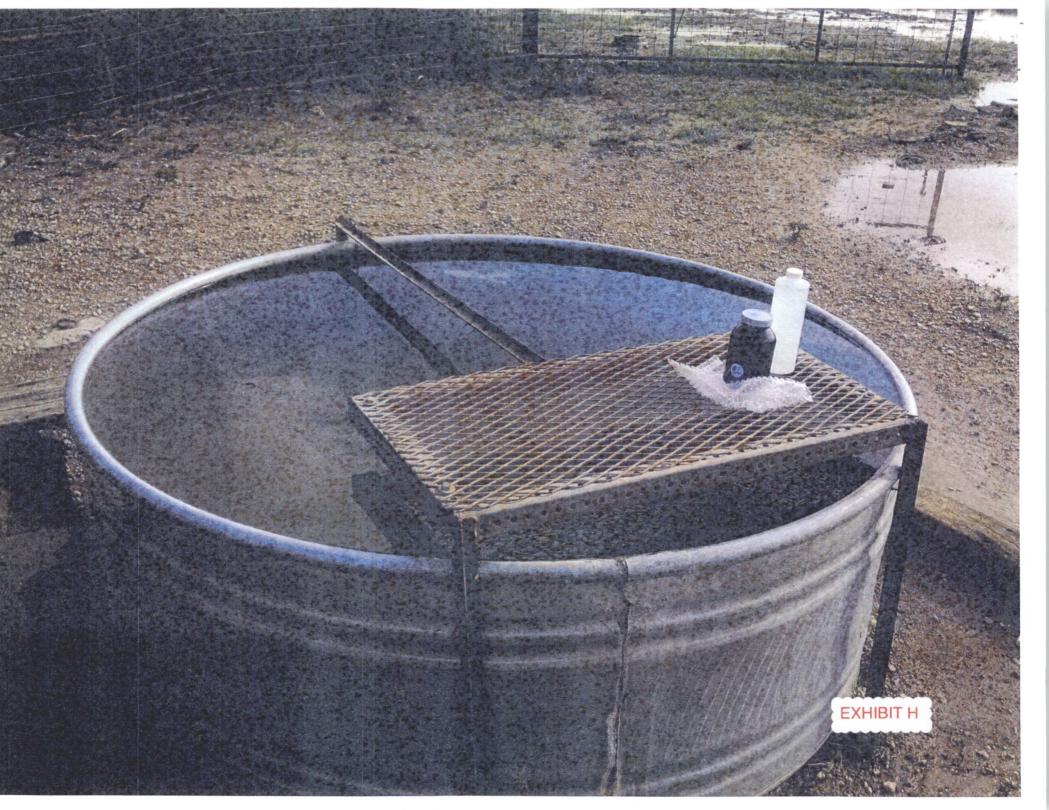
Radius: 3220

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data WATER COLUMN/ AVERAGE

12/8/16 1-08 PM

Page 1 of 1

DEPTH TO WATER



Analytical Report

Lab Order 1609364

Date Reported: 9/20/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Permits West

Solaris US 285 SWD **Project:**

Lab ID:

1609364-001

Client Sample ID: US 285 SWD #1

Collection Date: 9/1/2016 1:35:00 PM

Received Date: 9/7/2016 1:55:00 PM

Analyses	Result	PQL (Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 1664A		 · .				Analyst	: tnc
N-Hexane Extractable Material	ND	,10		mg/L	1	9/12/2016 10:45:00 AM	27440
EPA METHOD 300.0: ANIONS						Analyst	: LGT
Chloride	350	10	*	mg/L	20	9/9/2016 4:38:51 AM	A37081
SM2540C MOD: TOTAL DISSOLVE	D SOLIDS					Analyst	SRM
Total Dissolved Solids	2620	20.0	* "	mg/L	1	9/9/2016 5:12:00 PM	27408

Matrix: AQUEOUS



Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- (**J** Analyte detected below quantitation limits Page 1 of 4
- Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

1609364

20-Sep-16

Client:

Permits West

Project:

Client ID:

Solaris US 285 SWD

Sample ID MB-27440

SampType: MBLK

TestCode: EPA Method 1664A

LowLimit

Batch ID: 27440

RunNo: 37150

%REC

Prep Date: 9/12/2016

PBW

Analysis Date: 9/12/2016 **PQL**

SeqNo: 1152240

Units: mg/L

HighLimit

%RPD

%RPD

Qual

Analyte N-Hexane Extractable Material

Sample ID LCS-27440

Result ND

10 SampType: LCS

TestCode: EPA Method 1664A

Client ID:

LCSW

Batch ID: 27440

PQL

RunNo: 37150

9/12/2016

Analysis Date: 9/12/2016

SeqNo: 1152241

Units: mg/L

Analyte

SPK value SPK Ref Val

%REC

LowLimit

HighLimit

RPDLimit

RPDLimit

40.00

SPK value SPK Ref Val

98.0

78

114

Qual

Prep Date:

N-Hexane Extractable Material

Result 39

10

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Н

Not Detected at the Reporting Limit ND

R RPD outside accepted recovery limits

% Recovery outside of range due to dilution or matrix

В Analyte detected in the associated Method Blank

Value above quantitation range

Reporting Detection Limit

Analyte detected below quantitation limits

P Sample pH Not In Range

RL

Sample container temperature is out of limit as specified

Page 2 of 4

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

1609364

20-Sep-16

Client:

Permits West

Project:

Solaris US 285, SWD

Sample ID MB

SampType: MBLK Batch ID: A37081

0.50

TestCode: EPA Method 300.0: Anions

RunNo: 37081

SeqNo: 1149572

Units: mg/L

RPDLimit

Qual

Analyte

Prep Date:

Client ID:

Result

ND

Analysis Date: 9/9/2016 **PQL**

SPK value SPK Ref Val %REC

LowLimit

HighLimit

%RPD

%RPD

Chloride

Sample ID LCS LCSW SampType: LCS

TestCode: EPA Method 300.0: Anions

Batch ID: A37081

Analysis Date: 9/9/2016

RunNo: 37081

SeqNo: 1149573

Units: mg/L HighLimit

RPDLimit

Analyte Chloride

Client ID:

Prep Date:

Result

SPK value

SPK Ref Val

%REC 98.6

LowLimit

4.9

0.50

5.000

110

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Detection Limit
- Sample container temperature is out of limit as specified

Page 3 of 4



OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

1609364

20-Sep-16

Client:

Permits West

Project:

Solaris US 285 SWD

Sample ID MB-27408

SampType: MBLK

TestCode: SM2540C MOD: Total Dissolved Solids

Client ID:

Batch ID: 27408

RunNo: 37105

Prep Date: 9/8/2016

Analysis Date: 9/9/2016

SeqNo: 1150191

Units: mg/L

Qual

Analyte

Result

SPK value SPK Ref Val

%REC

LowLimit HighLimit %RPD

%RPD

RPDLimit

Total Dissolved Solids

ND

PQL 20.0

SampType: LCS

TestCode: SM2540C MOD: Total Dissolved Solids RunNo: 37105

Client ID: LCSW

Batch ID: 27408

PQL

20.0

Prep Date:

Sample ID LCS-27408

9/8/2016

Analysis Date: 9/9/2016

SeqNo: 1150192

Units: mg/L

1000

80

RPDLimit

Qual.

Total Dissolved Solids

Analyte

Result 1010 SPK value

101

HighLimit 120

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

% Recovery outside of range due to dilution or matrix

Not Detected at the Reporting Limit

RPD outside accepted recovery limits R.

В Analyte detected in the associated Method Blank

Value above quantitation range

Reporting Detection Limit

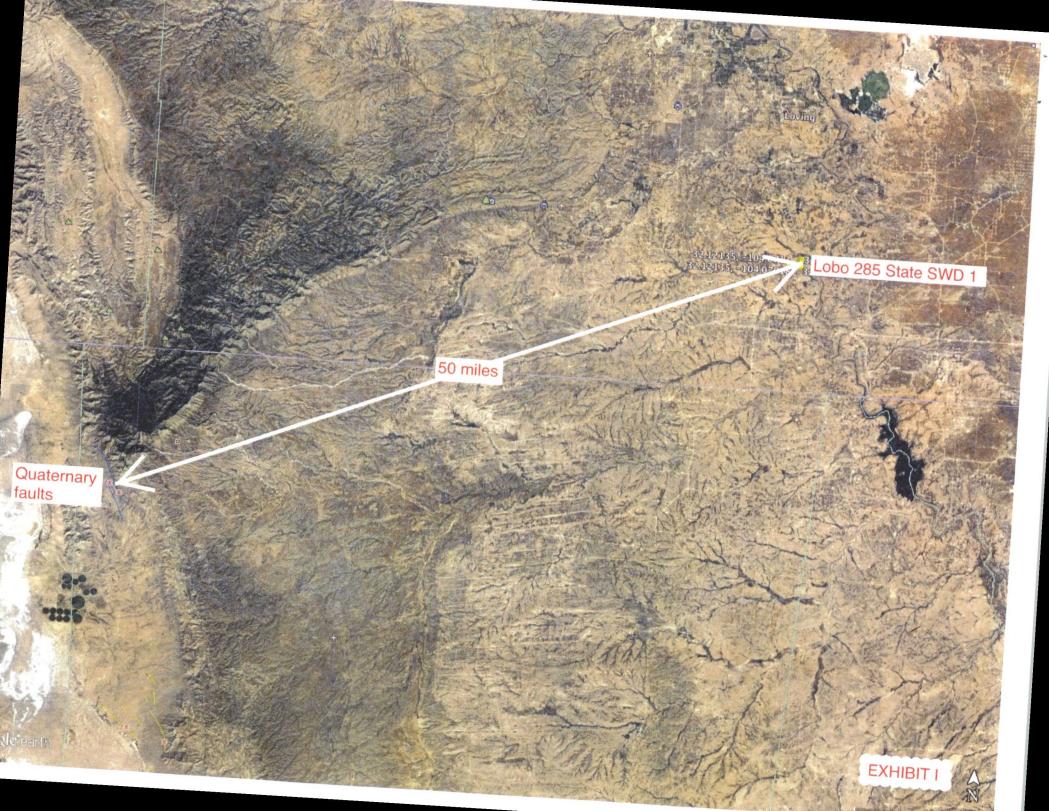
Analyte detected below quantitation limits

Sample pH Not In Range

Sample container temperature is out of limit as specified

Page 4 of 4











PO Box 1543
Midland, TX 79702
432-638-2960
DavidJEntzminger@gmail.com

December 12, 2016

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

RE: Geology Statement Lobo 285 State SWD #1 Ne/4 Sec. 22, T25N, R28E Eddy County, New Mexico

To whom it may concern:

Available geologic and engineering data related to the proposed Lobo 285 State SWD #1 has been reviewed, and there is no evidence for a hydrological connection between the proposed deep Silurian injection zone below 14,400' md and the drinking water sources. The Silurian SWD injection zone should be significantly below underground sources of drinking water found in the immediate area. For clarification, please note that the interval below the Woodford is likely Silurian age in this area even though many documents call it Devonian.

Sincerely,

David J. Entzminger, President

Entzminger Geoscience Services, LLC

CPG#5124; TBPG#1948

EXHIBIT J

Affidavit of Publication

State of New Mexico, County of Eddy, ss.

Danny Fletcher, being first duly sworn, on oath says:

That he is the Publisher of the Carlsbad Current-Argus, newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices may advertisements published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

November 4

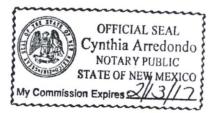
2016

That the cost of publication is \$50.15 and that payment thereof has been made and will be assessed as court costs.

Subscribed and sworn to before me this \mathcal{L} day of Nowman, 28/1

My commission Expires

Notary Public



November 4, 2016

Solaris Midstream, LLC is applying to drill the Lobo 285 State SWD 1 as a saltwater disposal well. The well is staked at 330 FNL & 1320 FEL Sec. 22, T. 25 S., R. 28 E., Eddy County and is 7 miles south of Malaga, NM. Disposal will be in the Silurian from 14,400' to 15,500'. Maximum injection pressure will be 2,880 psi. Maximum disposal rate will be 30,000 bwpd. Interested parties must file objections or requests for hearing with the NM Oil Conservation Division, 1220 South Saint Francis Dr., Santa Fe, NM 87505 within 15 days. Additional infor-

mation can be obtained by contacting: Brian Wood, Permits West, Inc., 37 Verano Loop, Santa Fe, NM 87508. Phone number is (505) 466-8120.





December 19, 2016

NM State Land Office PO Box 1148 Santa Fe NM 87504

TYPICAL LETTER

Solaris Midstream LLC is applying (see attached application) to drill the Lobo 285 State SWD 1 as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposal. This letter is a notice only. No action is needed unless you have questions or objections.

Well: Lobo 285 State SWD 1

TD = 15,500'

Proposed Disposal Zone: Silurian (14,400' - 15,500')

Location: 330' FNL & 1320' FEL Sec. 22, T. 25 S., R. 28 E., Eddy County, NM

Approximate Location: 7 miles south of Malaga, NM

Applicant Name: Solaris Midstream LLC (281) 501-3079

Applicant's Address: 8901 Gaylord, Suite 210, Houston TX 77024

<u>Submittal Information</u>: Application for a saltwater disposal well will be filed with the NMOCD. If you have an objection, or wish to request a hearing, then it must be filed with the NMOCD within 15 days of receipt of this letter. NMOCD address is 1220 South St. Francis Dr. Santa Fe, NM 87505. Phone is (505) 476-3440.

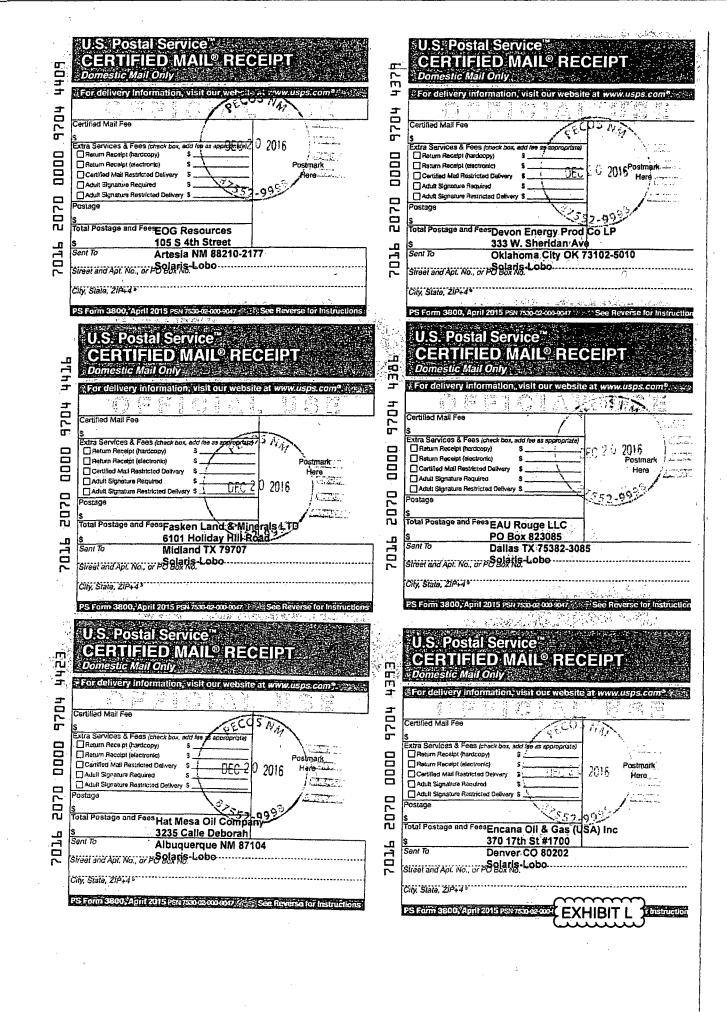
Please call me if you have any questions.

Sincerely,

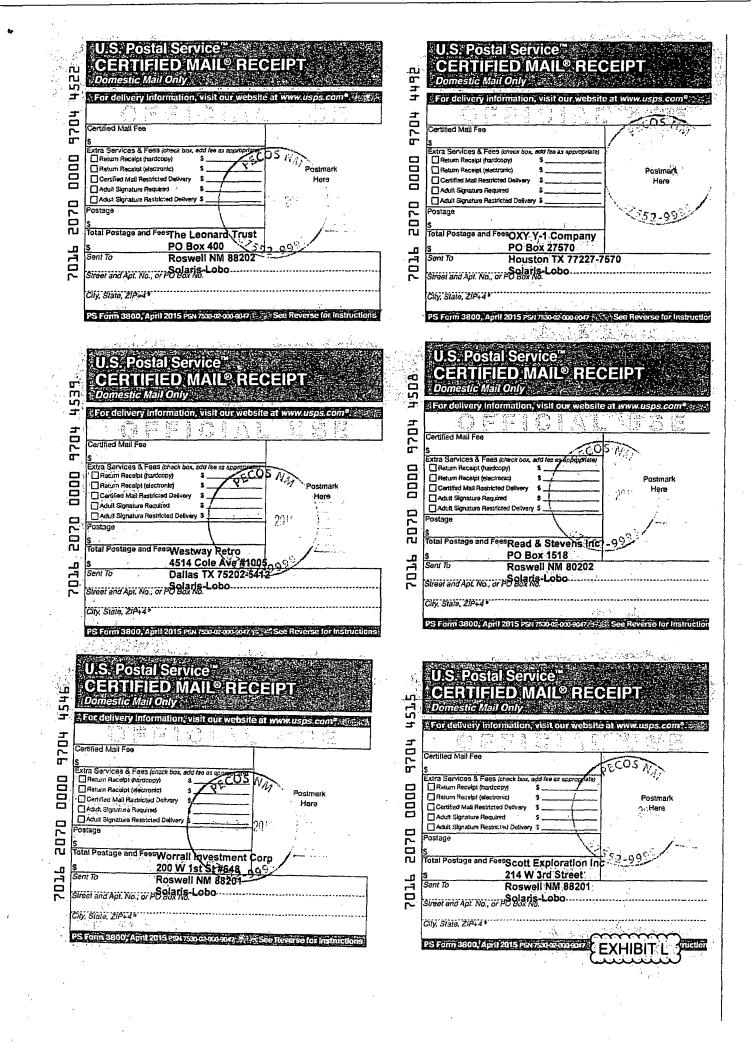
Brian Wood

EXHIBIT L

US-Postal Service CERTIFIED MAIL® RECEIPT Domestic Mail Only For delivery information, visit our website at www.usps.com? Certified Mail Fee S Extra Services & Fees (check box, and les as appropriate) Return Receipt (hardcopy) Return Receipt (dectronic) Return Receipt (dectronic) Adult Signature Required Adult Signature Required Adult Signature Restricted Delivery \$ Postage Total Postage and Fees Chevron USA S 6301 Deauville Sent To Midland TX 79706 Street and Apt. No., or PS 91 atis. Lobo	U.S. Postal Service CERTIFIED MAIL® RECEIPT Domestic Mail Only For delivery information, visit our website at wvv.us2scom Certified Mail Fee Euro Services & Fees (check box. and fee a) appr maty Adult Stynature Receipt (hardcopy) Adult Stynature Receipt of Services of Servic
Cliy, State, 2/P+4* PSForm 3800, April 2015 FSV 750-2000 See Reverse for Instructions U.S. Postal Service* CERTIFIED MAIL RECEIPT Domestic Mail Only For delivery information, visit our website at www.usps.com* For delivery information, visit our website at www.usps.com* Gertified Mail Fee S	PS Form \$800, April 2015 PSN 7500000007 See Reverse for Instructions U.S. Postal Service* CERTIFIED WAIL! RECEIPT Domestic Mail Only For delivery Information, visit our website at www.usps.com Extra Services & Fees (check box, add feeds on woldfrafe) Return Receipt (hardcopy) Return Receipt (hardcopy) Return Receipt (electronic) Certified Mail Restricted Delivery Adult Signature Required Adult Signature Restricted Delivery Postage S Total Postage and FeesBLM S
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US Postal Service" CERTIFIED MAIL® RECEIPT U.S. Postal Service". CERTIFIED MAIL® RECEIPT 4430 67 nestic Mail Only For delivery information, visit our website at www.usp (05) 9704 **970**t COS NA Certified Mail Fee Certified Mail Fee Extra Services & Fees (check Taranta San xtra Services & Fees to Return Receipt (hardcopy) Return Receipt (hardcopy) D. W. Return Receipt (electronic) Asturn Receipt (electronic) DEC 2 0 2018 ostma Certified Mail Restricted Del Certified Mail Restricted Delivery 130 to 18 Here Adult Signature Required Adult Signature Restricted Delivery Control of Adult Signature Restricted Del 2070 Total Postage and Fees Mewbourne Oil Copmany Total Postage and Fees JTD Resources LLC PO Box 5270 PO Box 3422 Hobbs NM 88241 Midland TX 79702 Street and Apt. No., or P Solaris-Lobe Street and Apt. No., or PSolaris-Lobo... City, State, ZIP+43 City, State, ZIP+4* U.S. Postal Service" U.S. Postal Service"
CERTIFIED MAIL® RECEIPT CERTIFIED MAIL RECEIPT 4478 有多种 70 1026 Certified Mail Fee Certified Mail Fee 2 Return Receipt (hardcopy) 0000 0000 Postmark Roturn Receipt (alectronic) Return Receipt (electronic) Postmark Certified Mail Restricted Del Certified Mail Restricted Del Here Adult Signature Required Adult Signature Required Adult Signature Restricted Delivery S Adult Signature Restricted Delivery S 2070 ostage Postage 밉 Total Postage and FeesLeonard, Timothy Total Postage and FeesNearburg Exploration Co LLC 3300 N A ST #120 1076 PO Box 2625 7075 Midland TX 79705 Eagle Pass TX 78853 Street and Apt. No., or PO Box No. Street and Apt. No., or PS claris-Lobo Cily, State, ZIP+43 U.S. Postal Service U.S. Postal Service" CERTIFIED MAIL® RECEIPT CERTIFIED MAIL® RECEIPT 3. 4026 Certified Mail Fee Cartified Mail Fee xtra Services & Fees (chack box, add fae as appropriate) Heturn Receipt (hardcooy) Return Receipt (electronic) Return Receipt (hardcopy) Postmark Return Receipt (electronic) Certified Mail Restricted Delivery **Postmark** Here Adult Signature Required Cartified Mail Restricted Delivery Here Adult Signature Restricted Del Adult Signature Required 20.70 Postage Adult Signature Restricted Dalivery S 2070 Postage Total Postage and FeesOXY USA WTP LP Total Postage and FeesMagnum Hunter Production Inc 7016 PO Box 4294 7076 202 S Cheyenne Ave Ste 1000 Houston TX 77210 Tulsa OK 74103 Street and Apt. No., or Following-Lobo Sireel and Apr. No., or PO Box No. PS Farm 3800, April 2015 PSN 7530-02-0 **EXHIBIT**



	U.S. Postal Service"
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2070	Adult Signature Restricted Delivery \$
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7016	Sent To Artesia NM 88210 Solaris-Lobo Sireet and Apt. No., or PO Box No.
	City, State, 21P+4
	PS Form 3800, April 2015 PSN 7530-02-000-9047 Sec Reverse for Instructions

McMillan, Michael, EMNRD

From:

McMillan, Michael, EMNRD

Sent:

Thursday, January 5, 2017 7:59 AM

To:

'Brian Wood'

Subject:

RE: Solaris Midstream LLC Lob 285 State SWD Well No.1

Brian:

I will not process your application.

Your client will have to wait the extra time.

I consistently send e-mails requesting the same information, and you do not pay attention to my expectations.

I want return receipts for the affected parties.

Mike

From: Brian Wood [mailto:brian@permitswest.com]

Sent: Wednesday, January 4, 2017 5:22 PM

To: McMillan, Michael, EMNRD < Michael. McMillan@state.nm.us > Subject: Re: Solaris Midstream LLC Lob 285 State SWD Well No.1

Attached are the green cards.

Surface owner (NMSLO) card is on 2nd page.

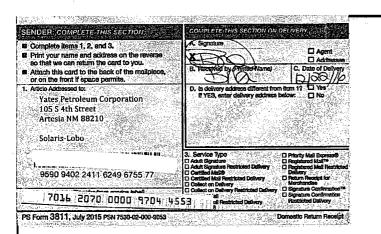
This is a new policy.

Exactly when do you want green cards?

I can wait 10 days after mailing before submitting package to you.

But that means you do not have the application if the public has a question.

ENDER: COMPLETE THIS SECTION	COMPLETE THIS SEC	TION ON DELIVERY	SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION A. Signature	ON DELIVERY
Complete items 1, 2, and 3 Print your name and address on the reverse	A Signature	(Agent	Complete items 1, 2, and 3. Print your name and address on the reverse	X Signature	☐ Agen
so that we can return the card to you. Attach this card to the back of the mailpiece,	B. Received by Printed	d Name) C. Date of Dallvery	so that we can return the card to you. Attach this card to the back of the malipiece,	B. Received by (Printed Nar	me) C. Date of De
or on the front if space permits.	JOH NNIE	ROLLAN 12-27-16	or on the front if space permits.		1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Article Addressed to: Bane Bigbie Inc	D. Is delivery address d If YES, enter deliver	ifferent from item 1? Yes y address below: 571/jo	Artioto Addressed to: Devon Energy Prod Co LP	D. Is delivery address different if YES, enter delivery address	iress below: 70 D No
PO Box 998		/-	333 W. Sheridan Ave	∦ †	AS OF THE
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Form 3811, July 2015 PSN 7530-02-000-8053		Domestic Return Receipt			Domestic Return R
			SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECT	
ENDER: COMPLETE THIS SECTION	COMPLETE THIS SEC	CTION ON DELIVERY	Complete items 1, 2, and 3	A. Skonsbare	ION ON BELIVERY
Complete items 1, 2, and 3	A. Signature		Print your name and address on the reverse so that we can return the card to you.	x/Im by	+ HUNTUA
Print your name and address on the reverse so that we can return the card to you.	XTVE	Agent Dividirespee	Attach this card to the back of the molecule	B, Received by (Printed I	49 IMT 11 ma
Attach this card to the back of the mallplece,	B. Received by (Printe	d Name) C. Date/of Delivery	or on the front if space permits. 1. Article Addressed to:	_IAMOVEY the	Int 12/2
or on the front if space permits. Article Addressed to:	D. is delivery address of	illierent from item 17 / 124	EAU Rouge LLC	D. Is delivery address diffe if YES, onter delivery a	rent from item 17 1 Ye
BLM	If YES, enter deliver	ry address below: 🔲 No	PO Box 823085	.	cidness pelow: 17 N
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McMillan, Michael, EMNRD

From:

McMillan, Michael, EMNRD

Sent:

Wednesday, January 4, 2017 11:05 AM

To:

'Brian Wood'

Cc:

Jones, William V, EMNRD; Goetze, Phillip, EMNRD; Lowe, Leonard, EMNRD

Subject:

RE: Solaris Midstream LLC Lob 285 State SWD Well No.1

I need an update on the requested information.

If the information is not received by 4:00 PM Friday January 6, 2017, the OCD will cancel your application. This requirement is an ongoing concern for return receipts for disposal wells. If the trend continues, the OCD will not accept and process any application from Permits West until the entire application is complete.

Thank You

From: McMillan, Michael, EMNRD

Sent: Friday, December 23, 2016 9:40 AM
To: 'Brian Wood' <brian@permitswest.com>

Subject: Solaris Midstream LLC Lob 285 State SWD Well No.1

Brian:

I received your SWD application for the Solaris Midstream LLC Lob 285 State SWD Well No.1 .API 30-015-43979 Your application is suspended for the following issues:

No return receipts for the affected parties.

Thank You

MICHAEL A. MCMILLAN

Engineering Bureau, Oil Conservation Division 1220 south St. Francis Dr., Santa Fe NM 87505 O: 505.476.3448

Michael.McMillan@state.nm.us



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,

O=orphaned, C=the file is

(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters) closed)

(In feet)

POD

Sub-

QQQ

Depth Depth Water

POD Number

C 01522

Code basin County 64 16 4 Sec Tws Rng 1 22 25S 28E

586843 3554004*

Well WaterColumn

Average Depth to Water:

Minimum Depth:

Maximum Depth:

Record Count: 1

PLSS Search:

Section(s): 14-16, 21-23

Township: 25S

Range: 28E

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

1/6/17 10:30 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

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McMillan, Michael, EMNRD

From:

McMillan, Michael, EMNRD

Sent:

Wednesday, January 11, 2017 9:59 AM

To:

'Brian Wood'

Subject:

RE: Solaris Midstream LLC Lob 285 State SWD Well No.1

Brian:

Thanks for the update.

I will still require that you supply a signed statement that the AOR has not changed, after you select the new location.

Mike

From: Brian Wood [mailto:brian@permitswest.com]

Sent: Wednesday, January 11, 2017 9:51 AM

To: McMillan, Michael, EMNRD < Michael. McMillan@state.nm.us > Subject: Re: Solaris Midstream LLC Lob 285 State SWD Well No.1

They are scheduling surveyor.

I will let you know when it is re-staked and provide new C-102 to you & Artesia.

I calculated 10' move due E or due W and no additional parties will be involved.

Location is on a slope - so surveyor will make in field decision on which way to go to minimize cut & fill.

On Jan 11, 2017, at 8:46 AM, McMillan, Michael, EMNRD < Michael. McMillan@state.nm.us > wrote:

Can you give me an update on the request.

The 15-day period ends today

mike

From: McMillan, Michael, EMNRD Sent: Friday, January 6, 2017 10:48 AM

To: 'Brian Wood' < brian@permitswest.com>

Cc: Jones, William V, EMNRD < <u>William V. Jones@state.nm.us</u>>; Goetze, Phillip, EMNRD < <u>Phillip.Goetze@state.nm.us</u>>; Lowe, Leonard, EMNRD < <u>Leonard.Lowe@state.nm.us</u>>

Subject: RE: Solaris Midstream LLC Lob 285 State SWD Well No.1

Brian:

The OCD prefers that wells be located at least 10 feet off the Unit boundary.

In the case of the Lobo, the OCD will allow you to move the location 10 feet as long as long as you notify the Artesia District Office of the new location, and you <u>send a signed statement</u> to the Santa Fe Office that the new location will not affect notice.

Thank You

MICHAEL A. MCMILLAN

Engineering Bureau, Oil Conservation Division 1220 south St. Francis Dr., Santa Fe NM 87505

Michael.McMillan@state.nm.us

From: McMillan, Michael, EMNRD

Sent: Wednesday, January 4, 2017 11:05 AM To: 'Brian Wood' brian@permitswest.com

Cc: Jones, William V, EMNRD < William V. Jones@state.nm.us >; Goetze, Phillip, EMNRD < Phillip.Goetze@state.nm.us >; Lowe, Leonard, EMNRD < Leonard.Lowe@state.nm.us >

Subject: RE: Solaris Midstream LLC Lob 285 State SWD Well No.1

I need an update on the requested information.

If the information is not received by 4:00 PM Friday January 6, 2017, the OCD will cancel your application.

This requirement is an ongoing concern for return receipts for disposal wells. If the trend continues, the OCD will not accept and process any application from Permits West until the entire application is complete.

Thank You

From: McMillan, Michael, EMNRD

Sent: Friday, December 23, 2016 9:40 AM **To:** 'Brian Wood' < brian@permitswest.com >

Subject: Solaris Midstream LLC Lob 285 State SWD Well No.1

Brian:

I received your SWD application for the Solaris Midstream LLC Lob 285 State SWD Well No.1 .API 30-015-

Your application is suspended for the following issues:

No return receipts for the affected parties.

Thank You

MICHAEL A. MCMILLAN

Engineering Bureau, Oil Conservation Division 1220 south St. Francis Dr., Santa Fe NM 87505 O: 505.476.3448

Michael.McMillan@state.nm.us



January 25, 2017

Michael McMillan NM Oil Conservation Division 1220 S. St. Francis Dr. Santa Fe NM 87504

Dear Michael,

As requested, the Lobo 285 State SWD 1 well for Solaris Water Midstream, LLC was moved 10 feet east from 330 FNL & 1320 FEL 22-25s-28e to 330 FNL & 1310 FEL 22-25s-28e. The move did not bring in any new parties needing notice. The revised location is 10 feet closer to NWSW 23-25s-28e, but 2655' from that quarter-quarter. Thus, it is 15' beyond the area of review.

Please call me if you have any questions.

Sincerely,

Brian Wood