

DATE: 1/4/2017	SUSPENSE	ENGINEER: PRC	LOGGED IN: 1/4/2017	TYPE	APP NO: PMM/400438536
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ABOVE THIS LINE FOR DIVISION USE ONLY

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



**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]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication  
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement  
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify \_\_\_\_\_

Solaris Midstream LLC  
 (OGRID 371643)  
 Solaris Eddy State 2  
 (30-015-44001)  
 SWD; Devonian - 96101  
 (SWD-1386)

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

- [A] ☒ Working, Royalty or Overriding Royalty Interest Owners
- [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.**

[4] **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.

Brian Wood

Print or Type Name

Signature

Consultant

Title

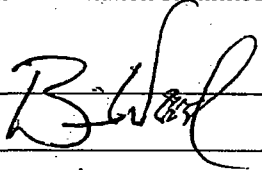
brian@permitswest.com

e-mail Address

12-31-16

Date

**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:
- Solaris Eddy State 2**  
**30-015-44001**  
**SWD; Devonian**
1. Proposed average and maximum daily rate and volume of fluids to be injected;
  2. Whether the system is open or closed;
  3. Proposed average and maximum injection pressure;
  4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
  5. 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  TITLE: CONSULTANT  
SIGNATURE: \_\_\_\_\_ DATE: DEC. 29, 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

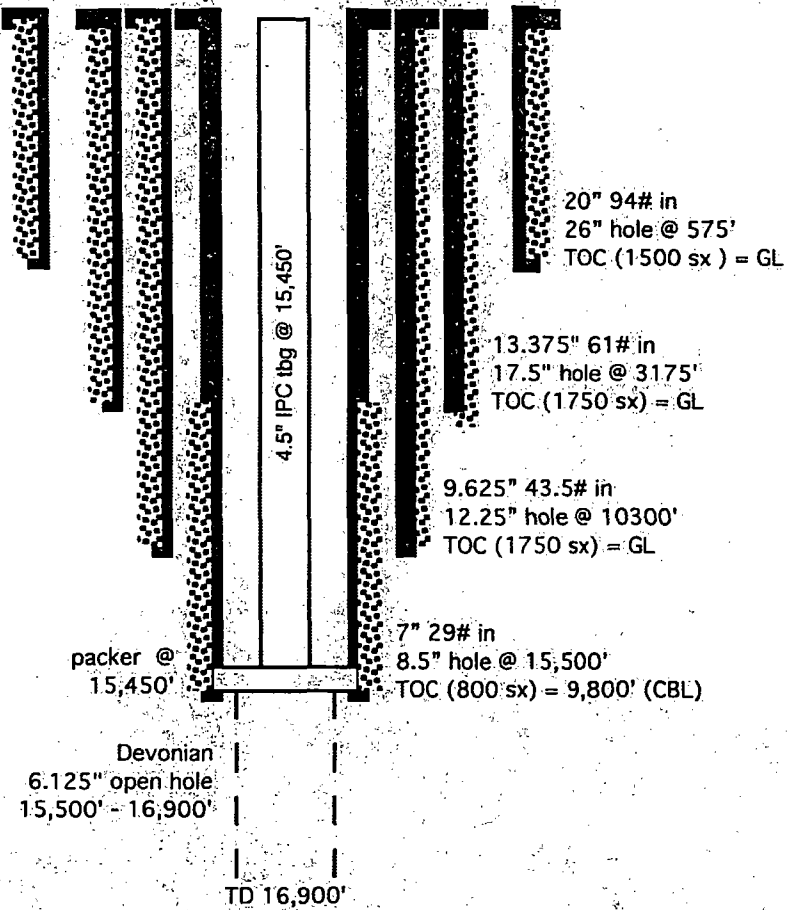
OPERATOR: SOLARIS MIDSTREAM, LLC

WELL NAME & NUMBER: SOLARIS EDDY STATE 2

WELL LOCATION: 2267 FSL & 2469 FWL      K      2      26 S      29 E  
FOOTAGE LOCATION      UNIT LETTER      SECTION      TOWNSHIP      RANGE

WELLBORE SCHEMATIC

(not to scale)



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 26" Casing Size: 20"  
Cemented with: 1500 sx. or ft<sup>3</sup>  
Top of Cement: SURFACE Method Determined: CIRCULATE

Intermediate Casing

Hole Size: 17.5" 12.25" Casing Size: 13.375" @ 3175' 9.625" @ 10,300'  
Cemented with: 1750 sx. or ft<sup>3</sup>  
Top of Cement: SURFACE Method Determined: CIRCULATE

Production Casing

Hole Size: 8.5" Casing Size: 7"  
Cemented with: 800 sx. or ft<sup>3</sup>  
Top of Cement: 9,800' Method Determined: CBL  
Total Depth: 16,900'

Injection Interval

6.125" HOLE SIZE 15,500 feet to 16,900'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEETTubing Size: 4.5" Lining Material: DUOLINE GLASSBOREType of Packer: NICKEL PLATED DOUBLE GRIP RETRIEVABLEPacker Setting Depth: ≈15,450'

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

Additional Data

1. Is this a new well drilled for injection? XXX Yes        No

If no, for what purpose was the well originally drilled? \_\_\_\_\_

2. Name of the Injection Formation: DEVONIAN

3. Name of Field or Pool (if applicable): SWD; DEVONIAN (96101)

4. 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

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: \_\_\_\_\_

OVER: DELAWARE 3175', BONE SPRING 6800', WOLFCAMP 11379'UNDER: NONE

SOLARIS MIDSTREAM, LLC  
SOLARIS EDDY STATE 2  
2267' FSL & 2469' FWL  
SEC. 2, T. 26 S., R. 29 E.  
EDDY COUNTY, NM

PAGE 1

30-015-44001

I. Plan is to drill a 16,900' deep commercial saltwater disposal well. Proposed disposal interval will be 15,500' - 16,900' in the SWD; Devonian (96101). See Exhibit A for map and Form C-102. (Project overlaps COG's canceled Reposado 2 State SWD 1 (SWD-1386). COG withdrew its APD on November 9, 2016.)

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

III. A. (1) Lease: New Mexico State Land Office lease VB-1487-0000  
Lease Size: 320.00 acres (see Exhibit A for map and C-102)  
Closest Lease Line: 373'  
Lease Area: S2 Section 2, T. 26 S., R. 29 E.

Well name and number: Solaris Eddy State 2  
Location: 2267' FSL & 2469' FWL Section 2, T. 26 S., R. 29 E.

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

First intermediate casing (13.375", 61#) will be set at 3175' in a 17.5" hole and cemented to surface with 1750 sacks (4325 ft<sup>3</sup>).

Second intermediate casing (9.625", 43.5#) will be set at 10,300' in a 12.25" hole and cemented to surface with 1750 sacks (3550 ft<sup>3</sup>).

Liner (7", 29#) will be set from 9800' to 15,500' in an 8.5" hole and cemented to 9800' with 800 sacks (1250 ft<sup>3</sup>).

A 6.125" open hole will be drilled to 16,900' (TD).

SOLARIS MIDSTREAM, LLC  
SOLARIS EDDY STATE 2  
2267' FSL & 2469' FWL  
SEC. 2, T. 26 S., R. 29 E.  
EDDY COUNTY, NM

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30-015-44001

- A. (3) Tubing (CLS 4.5" duoline 20 GlassBore® or its equivalent) will be set at  $\approx 15,450'$ . (Disposal interval will be 15,500' to 16,900'.)
- A. (4) A nickel plated double grip retrievable packer will be set at  $\approx 15,450'$  (or  $\leq 100'$  above the top of the open hole which will be at 15,500').
- B. (1) Disposal zone will be the Devonian (SWD; Devonian (96101) pool). Estimated fracture gradient is  $\approx 0.65$  psi per foot.
- B. (2) Disposal interval will be open hole from 15,500' to 16,900'.
- 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) Four existing wells are in the area of review. None penetrated the Devonian. Zones above the Devonian that have produced in Section 2 and the 8 adjacent sections are the Delaware (3175' - 6945'), Bone Spring (7000' - 8830'), and Wolfcamp (11,379' - 11,449'). No oil or gas zones are below the Devonian 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 4 existing wells (3 oil + 1 SWD) within a half-mile radius. Three of the wells are horizontal oil wells whose lateral is within  $\frac{1}{2}$  mile even if the SHL is not. Exhibit C shows all 75 existing wells (38 oil or gas wells + 31 P & A wells + 5 disposal wells + 1 water well) within a two-mile radius.

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

SOLARIS MIDSTREAM, LLC  
SOLARIS EDDY STATE 2  
2267' FSL & 2469' FWL  
SEC. 2, T. 26 S., R. 29 E.  
EDDY COUNTY, NM

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Aliquot Parts in Area of Review (T26S, R29E)	Lessor	Lease	Lessee(s) of Record	Well Operator(s)
N2 Sec. 2	NMSLO	VB-1486-0000	COG	COG
S2 Sec. 2	NMSLO	VB-1487-0000	COG	COG
SENE Sec. 3	BLM	NMNM-013997	El Paso & Khody	none
E2SE4 Sec. 3	BLM	NMNM-096849	COG & Concho	none
NWNE & NENW Sec. 11	BLM	NMNM-011039	Carbon, Chevron, Exco, Green, Kerrco, Nu-Energy, & RKC,	none
NWNW Sec. 11	BLM	NMNM-121953	Chevron	none

VI. No well within ½ mile penetrated the Devonian (top = 15,500'). The closest (non-water) wells are:

API	WHO	UL 2-26s-29e	TVD	WELL	WELL TYPE	ZONE(S) DEVELOPED	FEET FROM SOLARIS EDDY STATE 2
3001540652	COG	C, F, K, N	8822	Reposado 3H	O	Bone Spring	623
3001536774	COG	B, G	8068	Reposado 1H	O	Delaware & Bone Spring	1179
3001539455	COG	A, H, I, P	8925	Reposado 2H	O	Delaware & Bone Spring	1803
3001532799	COG	C	6010	Tesuque 2 State 1	SWD	Delaware	2403
3001503724	Brown	A	3359	State 1	P&A	Delaware	3188

VII. 1. Average injection rate will be ≈20,000 bwpd.  
Maximum injection rate will be ≈25,000 bwpd.

SOLARIS MIDSTREAM, LLC  
SOLARIS EDDY STATE 2  
2267' FSL & 2469' FWL  
SEC. 2, T. 26 S., R. 29 E.  
EDDY COUNTY, NM

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2. System will be open. Water will be trucked.
3. Average injection pressure will be  $\approx 3,000$  psi. Maximum injection pressure will be 3,100 psi ( $= 0.2$  psi/foot  $\times 15,500'$  (top open hole)).
4. Main source of disposal water will be water produced from Delaware, Bone Spring, and Wolfcamp wells - all of which produce in Section 2 or the 8 adjacent sections. Water from other Permian Basin zones could also be disposed. Water analyses from Go-Tech are in Exhibit F. TDS range from 65,466 to 235,300 (vs. 63,260 in a Devonian sample, also in Exhibit F). No compatibility problems have been reported from the closest (2-1/2 miles northwest) active Devonian disposal well (30-015-39470). The 4,657,204 barrels that have been disposed from 2012 to date include Delaware and Bone Spring waters.
5. No Devonian producer is within a  $\geq 5$  mile radius. An analysis of Devonian water is in Exhibit F.

VIII. The Devonian ( $\approx 1,400'$  thick) disposal zone is dolomite. Closest possible underground source of drinking water above the proposed disposal interval is the Quaternary at the surface. No underground source of drinking water is below the proposed disposal zone. According to State Engineer records (Exhibit G), closest water well is 2.74 miles east. That well is 770' deep. However, a water well  $\approx 2,500'$  southwest was found during an August 12, 2016 inspection.

Estimated formation tops are:

Quaternary = 0'  
Salt = 800'  
Delaware = 3100'  
Bone Spring = 6800'  
Devonian = 15,654'\*  
*disposal interval = 15,500' - 16,900'*  
TD = 16,900'\*  
Devonian base = 16,143'\*

\* per e-mail from COG to OCD on 1-8-13. All disposal will be in the Devonian, no shallower than 15,500', and no deeper than 16,900'.

SOLARIS MIDSTREAM, LLC  
SOLARIS EDDY STATE 2  
2267' FSL & 2469' FWL  
SEC. 2, T. 26 S., R. 29 E.  
EDDY COUNTY, NM

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No water well is within a 1-mile radius according to State Engineer records (Exhibit G). However, one water well (Exhibit G) within a mile was found during an August 12, 2016 field inspection and sampled (Exhibit G). There will be >2 miles of vertical separation and the salt interval between the bottom of the only likely underground water source (Quaternary) and the top of the Devonian. Over 44,327,366 barrels of water have been disposed in the Devonian in 5 wells in Townships 25 and 26 South and Ranges 29 and 30 East.

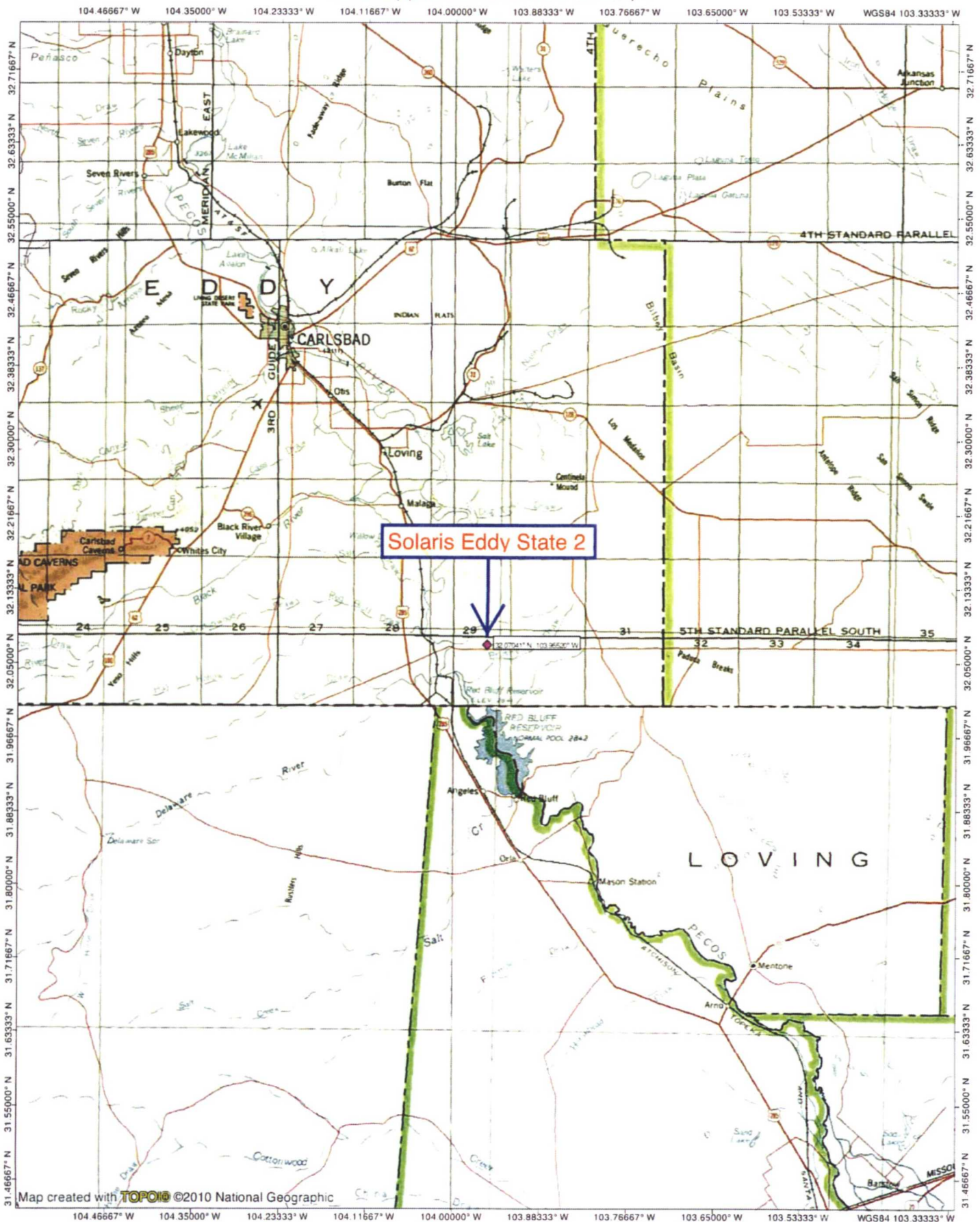
IX. The well will be stimulated with acid.

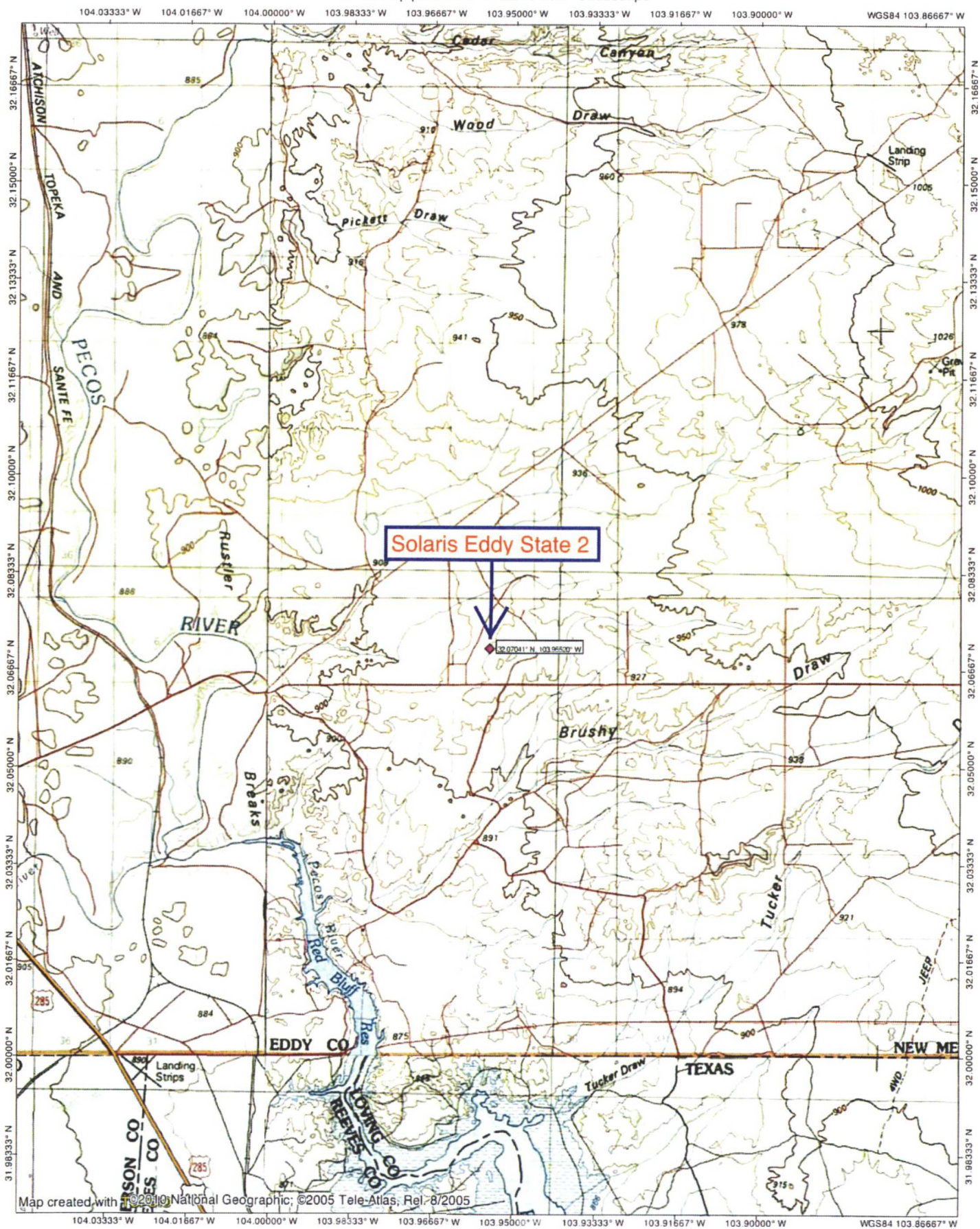
X. DLL, GR/N density, and CBL logs will be run.

XI. Based on an August 12, 2016 field inspection, one active water well is within a one-mile radius and it was sampled (Exhibit G).

XII. Closest Quaternary fault is ~55 miles southwest (Exhibit H). Based on a review (Exhibit H) by geologist David Entzminger, Solaris Midstream LLC is not aware of any geologic or engineering data that may indicate the Devonian is in hydrologic connection with any underground sources of water. Hundreds of feet of evaporites prevent that from occurring. Deepest water well within a 3-mile radius is 775' (Exhibit G). There are 145 approved Devonian saltwater disposal wells and 11 approved Devonian water injection wells in New Mexico.

XIII. A legal ad (see Exhibit I) was published on December 14, 2016. Notice (this application) has been sent (Exhibit J) to the surface owner (NM State Land Office), lessors (BLM & NMSLO), lessees of record (Carbon, Chevron, COG, Concho, El Paso, Exco, John Green, Kerrco, Khody, Nu-Energy, & RKC), operating rights holders (Chevron, COG, Concho, Costilla, Dominion, Exco, Khody, Three Forks, Charlotte Williamson), or well operators (COG) within a half-mile.





Map created with ©2010 National Geographic; ©2005 Tele-Atlas, Rel. 8/2005

WGS84 103.93333° W



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 & 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

<sup>1</sup> API Number 30-015- 44001	<sup>2</sup> Pool Code 96101	<sup>3</sup> Pool Name SWD; Devonian
<sup>4</sup> Property Code 317187	<sup>5</sup> Property Name SOLARIS EDDY STATE	<sup>6</sup> Well Number 2
<sup>7</sup> OGRID No. 371643	<sup>8</sup> Operator Name SOLARIS MIDSTREAM	<sup>9</sup> Elevation 3022'

<sup>10</sup>Surface Location

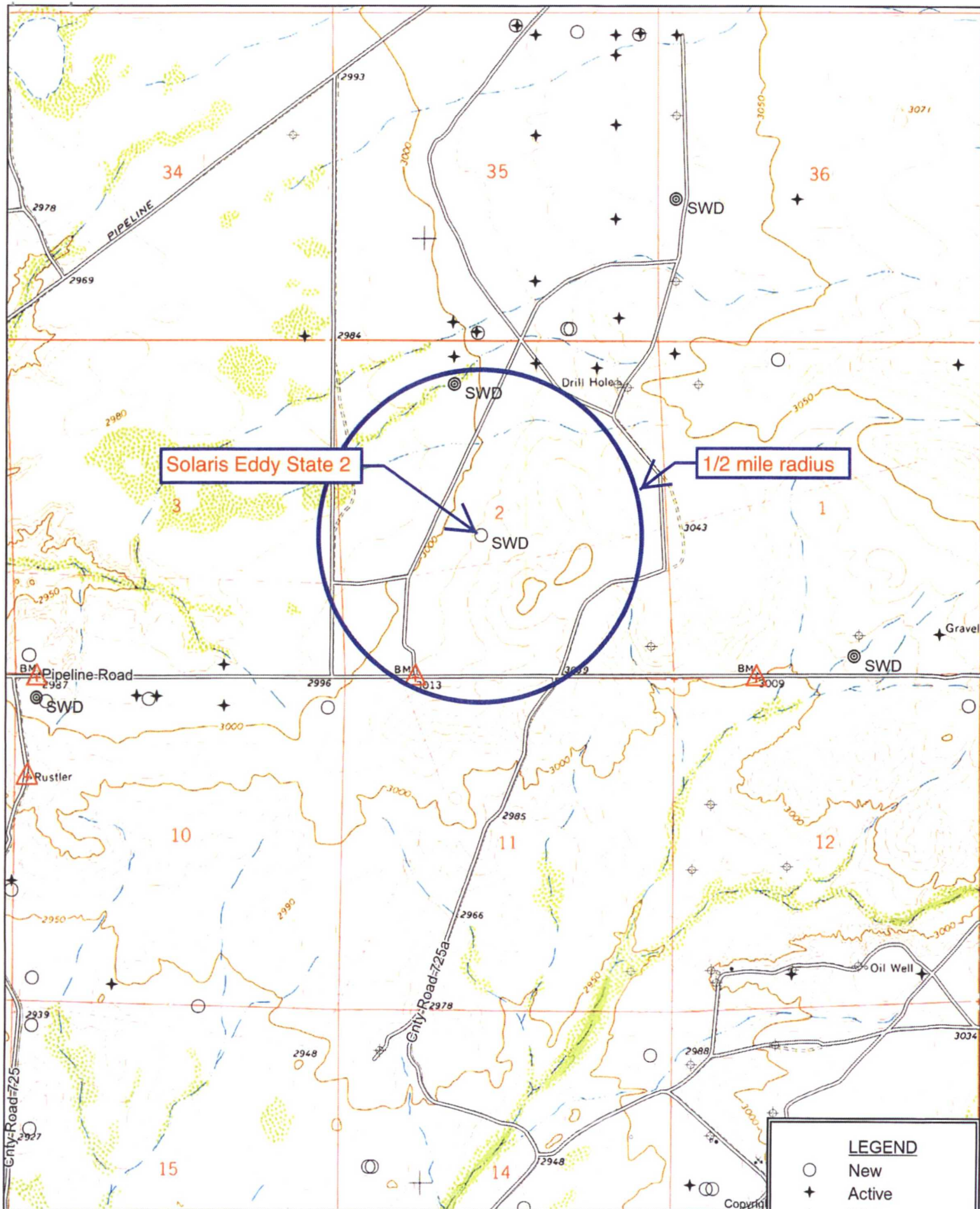
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	2	26-S	29-E	-	2267'	SOUTH	2469'	WEST	EDDY

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

<sup>11</sup> Dedicated Acres N/A	<sup>12</sup> Joint or Infill	<sup>13</sup> Consolidation Code	<sup>14</sup> Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

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><b>17 OPERATOR CERTIFICATION</b></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 underlying 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 as before entered by this division.</p> <p><i>Brian Wood</i> 12-13-16 Signature Date</p> <p>Brian Wood Printed Name</p> <p>brian@permitswest.com E-mail Address</p> <p>(505) 466-8120</p>
	<p><b>18 SURVEYOR CERTIFICATION</b></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 to the best of my belief.</p> <p>09/19/2016 Date of Survey</p> <p><i>Michael Brown</i> Signature and Seal of Professional Surveyor</p> <p>NEW MEXICO 18329 EXHIBIT A Certificate Number</p>
	<p><b>SURFACE LOCATION</b> NEW MEXICO EAST NAD 1927 X=617280 Y=389500 LAT.: N 32.0702854 LONG.: W 103.9547176 NEW MEXICO EAST NAD 1983 X=658465 Y=389558 LAT.: N 32.0704100 LONG.: W 103.9552000</p>

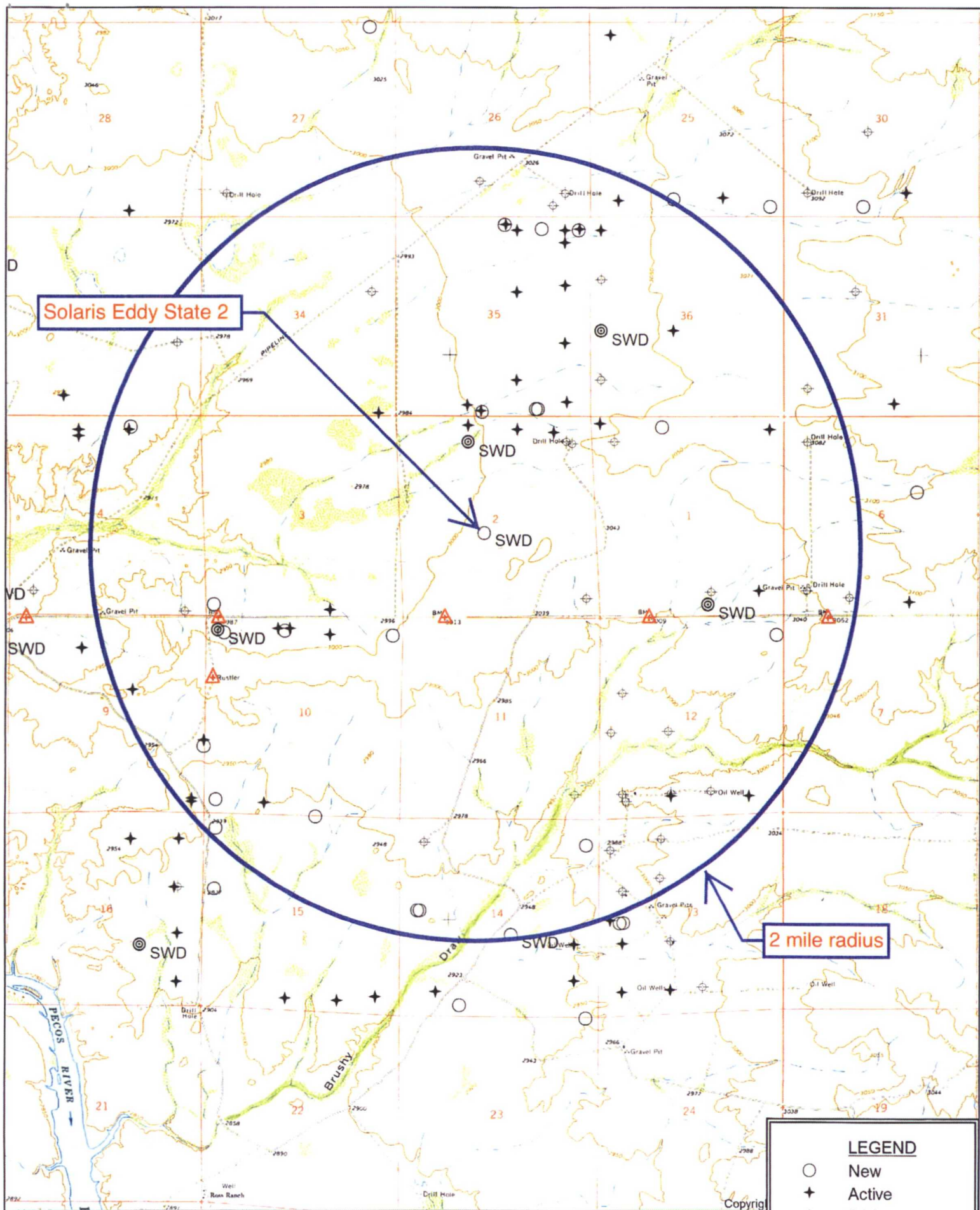


Quad: ROSS RANCH  
Scale: 1 inch = 2,000 ft.

EXHIBIT B

**LEGEND**

- New
- ✦ Active
- ✦ P&A
- ⊙ INJ
- ⊙ SWD
- ⊙ Water

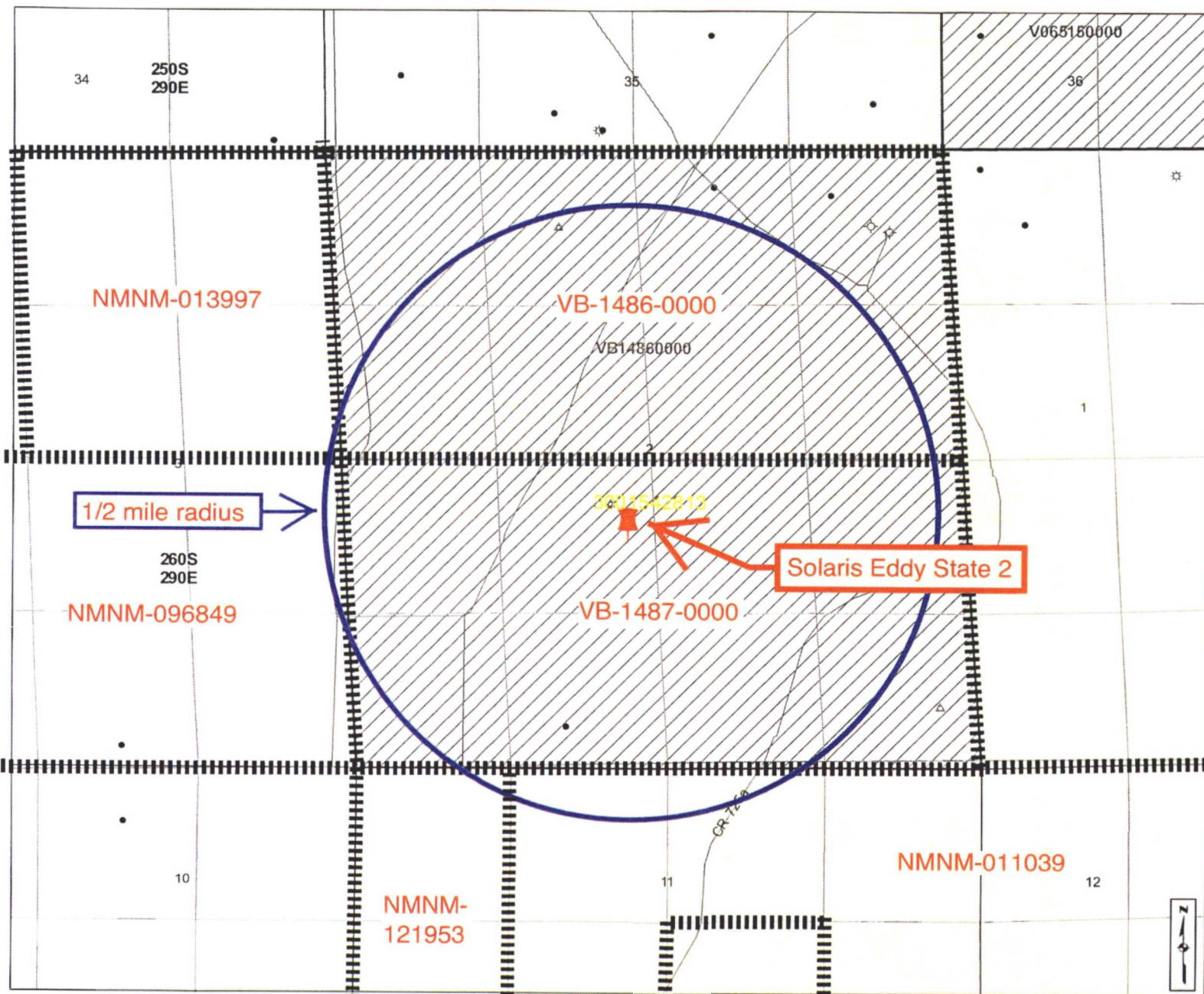


Quad: ROSS RANCH  
Scale: 1 inch = 3,333 ft.

EXHIBIT C

# LEGEND

- New
- ✦ Active
- ⊕ P&A
- ⊙ INJ
- ⊗ SWD
- ⊙ Water



### Cartographic Features

- County Boundaries
- County Seats
- City, Town or Village
- SLO District Offices
- SLO District Boundary
- Hwy Mileposts
- Interstate
- NM Hwy
- Local Road
- Continental Divide
- US Hwy

### Federal Minerals Ownership

- All Minerals
- Coal Only
- Oil and Gas Only
- Oil, Gas and Coal Only
- Other Minerals

### State Trust Lands

- Surface Estate
- Subsurface Estate
- Surface and Subsurface Estate

### State Leases

- Oil and Gas Leases
- Agricultural Leases
- Commercial Leases
- Minerals Leases
- Not Available for Oil and Gas Leasing
- Oil and Gas Leasing Influenced by Restriction

### Oil and Gas Related Features

- Oil and Gas Unit Boundary
- Participating Areas in Units
- Geologic Regions
- Volcanic Vents
- NMOCD Order R-111-P
- Potash Enclave Outline
- CO<sub>2</sub>
- Injection
- Oil
- Water
- Gas
- Miscellaneous
- Salt Water Disposal
- DA or PA

### NMOCD Oil and Gas Wells

## New Mexico State Land Office Oil, Gas and Minerals

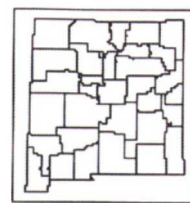
0 0.05 0.1 0.2 0.3 0.4 Miles  
Universal Transverse Mercator Projection, Zone 13  
1983 North American Datum

The New Mexico State Land Office assumes no responsibility or liability for, or in connection with, the accuracy, reliability or use of the information provided here, in State Land Office data layers or any other data layer.

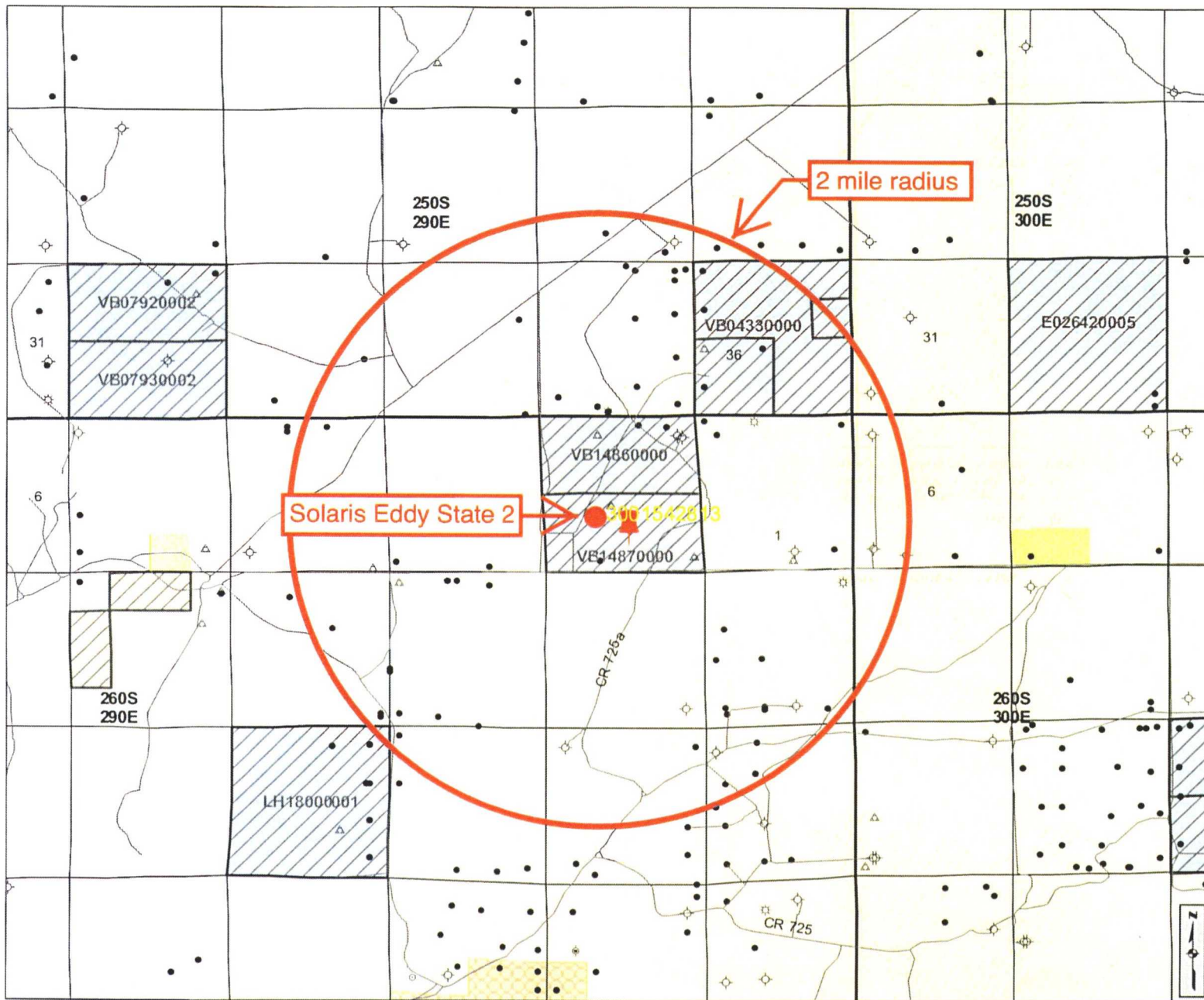
Land Office Geographic Information Center  
logic@slo.state.nm.us

Created On: 9/5/2016 1:39:35 PM

**EXHIBIT D**



www.nmstatelands.org



### Cartographic Features

- County Boundaries
- County Seats
- City, Town or Village
- SLO District Offices
- SLO District Boundary
- Hwy Mileposts
- Interstate
- NM Hwy
- Continental Divide
- US Hwy
- Local Road

### Federal Minerals Ownership

- All Minerals
- Coal Only
- Oil and Gas Only
- Oil, Gas and Coal Only
- Other Minerals

### State Trust Lands

- Surface Estate
- Subsurface Estate
- Surface and Subsurface Estate

### State Leases

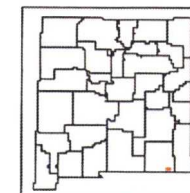
- Oil and Gas Leases
- Agricultural Leases
- Commercial Leases
- Minerals Leases
- Not Available for Oil and Gas Leasing
- Oil and Gas Leasing Influenced by Restriction

### Oil and Gas Related Features

- Oil and Gas Unit Boundary
- Participating Areas in Units
- Geologic Regions
- Volcanic Vents
- NMOC Order R-111-P Potash Enclave Outline

### NMOC Oil and Gas Wells

- CO<sub>2</sub>
- Gas
- Injection
- Oil
- Water
- Miscellaneous
- Salt Water Disposal
- DA or PA



[www.nmstatelands.org](http://www.nmstatelands.org)

## New Mexico State Land Office Oil, Gas and Minerals

0 0.2 0.4 0.8 1.2 1.6 Miles  
Universal Transverse Mercator Projection, Zone 13  
1983 North American Datum

The New Mexico State Land Office assumes no responsibility or liability for, or in connection with, the accuracy, reliability or use of the information provided here, in State Land Office data layers or any other data layer.

Land Office Geographic Information Center  
[logic@slo.state.nm.us](mailto:logic@slo.state.nm.us)

Created On: 8/4/2016 4:41:14 PM

**EXHIBIT E**

WELL	API	SECTION, T25S, R29E	UNIT	ZONE	pH	TDS mg/l	Na mg/l	Ca mg/l	Fe mg/l	Mg mg/l	Mn mg/l	Cl mg/l	H2CO3 mg/l	Sulfate mg/l	CO2 mg/l
Slider 8 Fed. 3H	3001538272	8	J	Avalon Upper	7	65466	24094	833	33	153	0.3	38189	183	1589	250
Slider 8 Fed. 1H	3001538242	8	J	Avalon Upper	6.9	190364	72196	814	60	289	1	113348	707.6	1578	500
Slider 8 Fed. 3H	3001538272	8	J	Avalon Upper	7.2	150472	55164	2053	37	445	0.5	89777	610	1249	500
Chimayo 16 State 1	3001531781	16	C		6.28	176868	56488	9205	46	1202		107748	85	599	110
Chimayo 16 State 1	3001531781	16	C		6.35	172672	61234	2804	7	567	0.9	104500	1464	734	530
Chimayo 16 State 1	3001531781	16	C		6.17	185822	62841	3735	15	796	1	115452	902.8	581	580
Chimayo 16 State 1	3001531781	16	C		6.05	173435	60846	3702	7	782	1.5	105441	732	496	490
Chimayo 16 State 1	3001531781	16	C		6.5	235300	76546	10332	379	1589	4.5	142827	73	1021	1400
Cooter 16 State 2H	3001537626	16	M	Avalon Upper	7.5	129595	49316	618	10	129	0.25	76682	366	1747	450
Cooter 16 State 1H	3001537625	16	N	Avalon Upper	7	208454	79520	498	28	162	0.4	121800	3208.4	1994	990
Cooter 16 State 2H	3001537626	16	M	Avalon Upper	7	219574	84179	370	22	141	0.4	129012	3178.6	1497	980
Cooter 16 State 3H	3001537627	16	D	Avalon Upper	7	201311	77136	343	34	108	0.6	117265	3342.8	2127	990
Cooter 16 State 4H	3001537628	16	N	Avalon Upper	7	190431	71871	929	110	237	1.5	111478	3224.6	1389	1140
Cooter 16 State Com 5H	3001537875	16	O	Avalon Upper	7	187759	71166	758	20	178	0.3	109624	3212.4	1623	970
Chimayo 16 State 3	3001538105	16	F		7	192951	73058	776	94	177	1.5	112506	3123.2	1981	980

EXHIBIT F

WELL	API	SECTION, T25S, R29E	UNIT	ZONE	pH	TDS mg/l	Na mg/l	Ca mg/l	Fe mg/l	Mg mg/l	Mn mg/l	Cl mg/l	H2CO3 mg/l	Sulfate mg/l	CO2 mg/l
Cooter 16 State Com 7H	3001537877	16	P	Avalon Upper	7	200382	76518	605	91	154	1.5	118991	1464	1277	700
Cooter 16 State Com 8H	3001537878	16	P	Avalon Upper	6.8	207678	79392	595	99	147	1.5	123161	1708	1342	800
Cooter 16 State Com 6H	3001537876	16	O	Avalon Upper	7	193732	74028	513	104	118	1	113441	1830	2665	700

# NM WAIDS

DATA

MAPS

HOME

SCALE

CORROSION

General Information About: Sample 5199			
SQUARE LAKE DEEP UNIT 001			
API	3001503979	Sample Number	
Unit/Section/ Township/Range	J / 33 / 16 S / 30 E	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			
Cation Information (mg/L)		Anion Information (mg/L)	
Potassium (K)		Sulfate (SO)	3600
Sodium (Na)		Chloride (Cl)	34400
Calcium (Ca)		Carbonate (CO <sub>3</sub> )	
Magnesium (Mg)		Bicarbonate (HCO <sub>3</sub> )	1260
Barium (Ba)		Hydroxide (OH)	
Manganese (Mn)		Hydrogen Sulfide (H <sub>2</sub> S)	
Strontium (Sr)		Carbon Dioxide (CO <sub>2</sub> )	
Iron (Fe)		Oxygen (O)	



EXHIBIT F



# 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  
closed)

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 1	Q 2	Q 3	Q 4	Sec	Twp	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 01360		C	ED	4	3	3	05	26S	30E	602997	3548152		4418	770	173	597
C 01361			ED	3	4	3	05	26S	30E	603240	3548157		4660	775	184	591

Average Depth to Water: 178 feet

Minimum Depth: 173 feet

Maximum Depth: 184 feet

Record Count: 2

### UTM NAD83 Radius Search (in meters):

Easting (X): 598614

Northing (Y): 3548718

Radius: 4830 meters

x 3.28 feet/meter

15,842 feet (=3.00 miles)

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.

12/29/16 10:12 AM

WATER COLUMN/ AVERAGE DEPTH TO  
WATER

EXHIBIT G

TOPO! map printed on 12/29/16 from "Untitled.tpo"

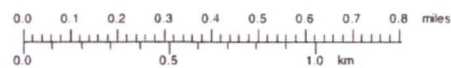
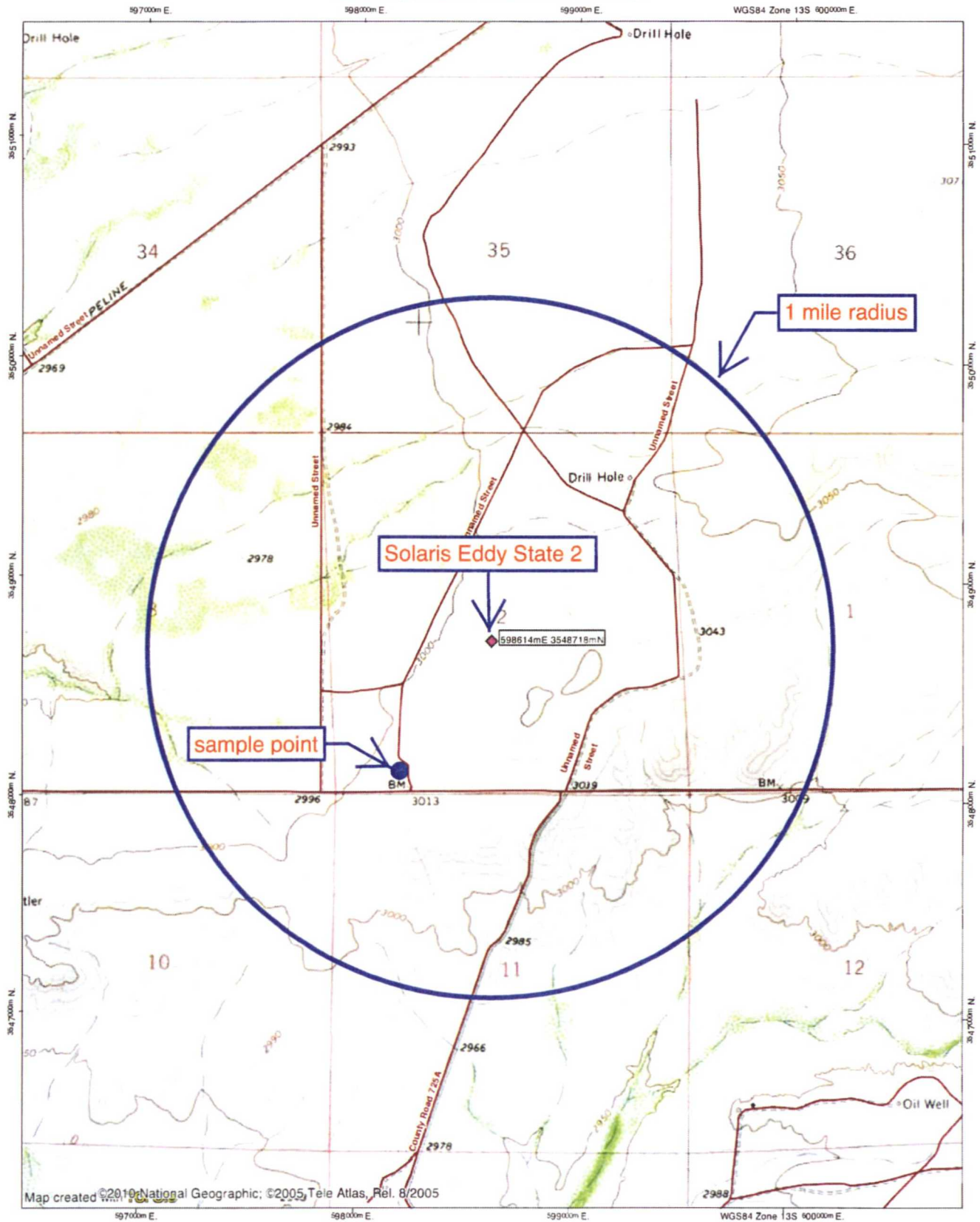


EXHIBIT G

Diagram illustrating the difference between True North (TN) and Magnetic North (MN). The angle between them is labeled as  $7^\circ$ . The date 12/29/16 is noted below the diagram.

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order 1608954

Date Reported: 8/29/2016

CLIENT: Permits West

Client Sample ID: Reposada SWD #1

Project: Solaris Reposada SWD

Collection Date: 8/12/2016 11:15:00 AM

Lab ID: 1608954-001

Matrix: AQUEOUS

Received Date: 8/16/2016 12:48:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 1664A</b>							Analyst: tnc
N-Hexane Extractable Material	ND	9.7		mg/L	1	8/22/2016 9:06:00 AM	27097
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: MRA
Chloride	350	50	*	mg/L	100	8/17/2016 8:48:56 PM	R36593
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: KS
Total Dissolved Solids	1220	20.0	*	mg/L	1	8/20/2016 3:13:00 PM	27053

EXHIBIT G

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

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

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1608954

29-Aug-16

Client: Permits West

Project: Solaris Resposada SWD

Sample ID: MB-27097	SampType: MBLK	TestCode: EPA Method 1664A
Client ID: PBW	Batch ID: 27097	RunNo: 36688
Prep Date: 8/22/2016	Analysis Date: 8/22/2016	SeqNo: 1136744 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
N-Hexane Extractable Material	ND	10

Sample ID: LCS-27097	SampType: LCS	TestCode: EPA Method 1664A
Client ID: LCSW	Batch ID: 27097	RunNo: 36688
Prep Date: 8/22/2016	Analysis Date: 8/22/2016	SeqNo: 1136745 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
N-Hexane Extractable Material	40	10 40.00 0 101 78 114

## Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Page 2 of 4

EXHIBIT G

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1608954

29-Aug-16

Client: Permits West

Project: Solaris Resposada SWD

Sample ID: MB	SampType: mbik		TestCode: EPA Method 300.0: Anions							
Client ID: PBW	Batch ID: R36593		RunNo: 36593							
Prep Date:	Analysis Date: 8/17/2016		SeqNo: 1133301		Units: mg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Sample ID: LCS	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSW	Batch ID: R36593	RunNo: 36593								
Prep Date:	Analysis Date: 8/17/2016	SeqNo: 1133302 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	94.3	90	110			

## Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Page 3 of 4

EXHIBIT G

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1608954

29-Aug-16

Client: Permits West

Project: Solaris Resposada SWD

Sample ID: MB-27053	SampType: MBLK	TestCode: SM2540C MOD: Total Dissolved Solids
Client ID: PBW	Batch ID: 27053	RunNo: 36649
Prep Date: 8/18/2016	Analysis Date: 8/20/2016	SeqNo: 1135048 Units: mg/L
Analyte:	Result:	PQL SPK value SPK Ref Val. %REC LowLimit HighLimit %RPD RPDLimit Qual
Total Dissolved Solids	ND	20.0

Sample ID: LCS-27053	SampType: LCS	TestCode: SM2540C MOD: Total Dissolved Solids
Client ID: LCSW	Batch ID: 27053	RunNo: 36649
Prep Date: 8/18/2016	Analysis Date: 8/20/2016	SeqNo: 1135049 Units: mg/L
Analyte:	Result:	PQL SPK value SPK Ref Val. %REC LowLimit HighLimit %RPD RPDLimit Qual
Total Dissolved Solids	1030	20.0 1000 0 103 80 120

## Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix.
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Page 4 of 4

EXHIBIT G



**Entzminger Geoscience Services, LLC**

PO Box 1543

Midland, TX 79702

432-638-2960

DavidJEntzminger@gmail.com



September 7, 2016

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

RE: Geology Statement  
Silurian SWD well  
Sec. 2, T26N, R29E  
Eddy County, NM

To whom it may concern:

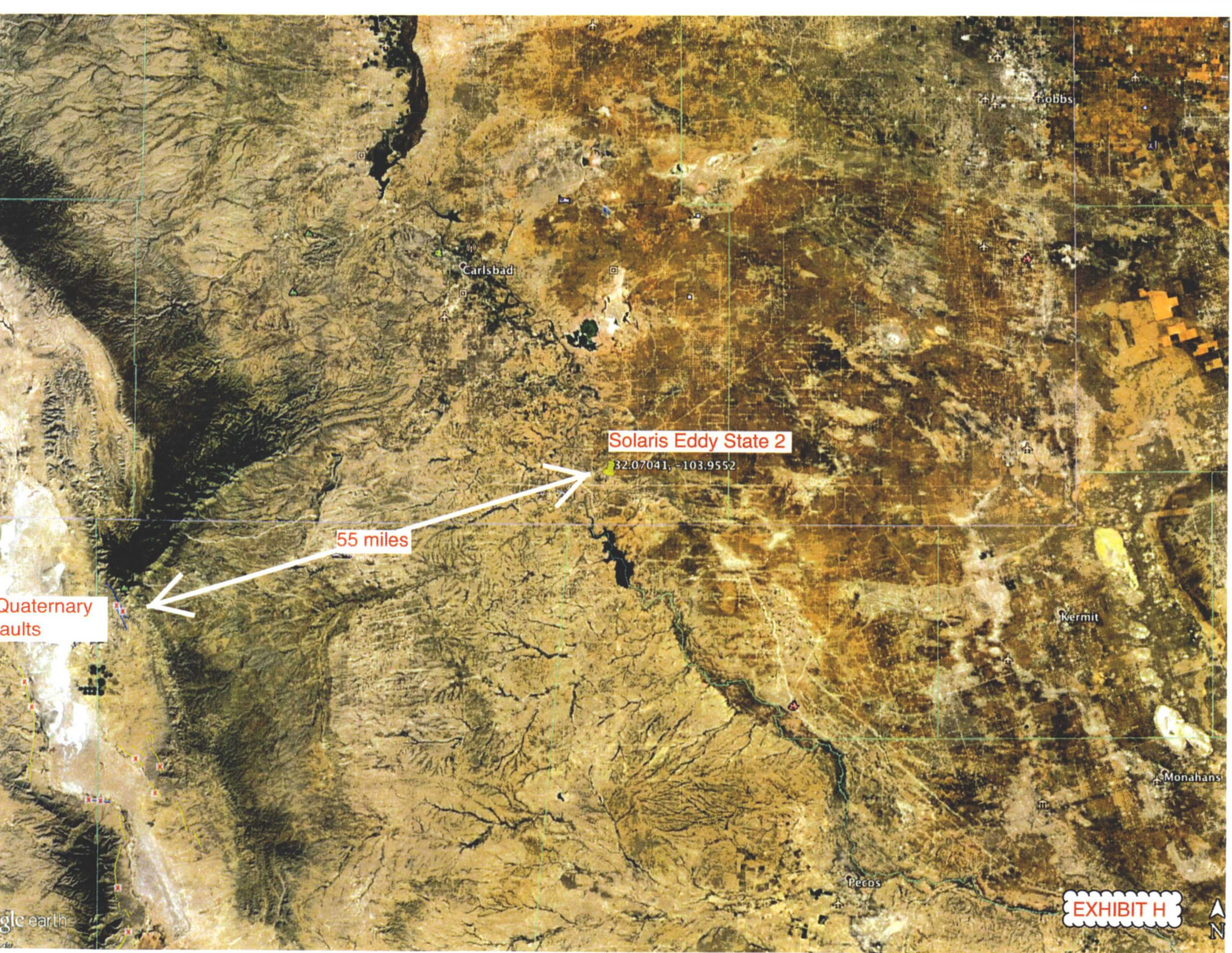
Available geologic and engineering data related to the proposed Silurian SWD Well has been reviewed, and there is no evidence for a hydrological connection between the proposed deep Silurian injection zone below 14,700' md. This should be significantly below underground sources of drinking water found in the immediate area. For clarification, please note that the interval below the Woodford is Silurian age in this area even though many documents call it Devonian.

Sincerely,

Entzminger Geoscience Services, LLC

David J. Entzminger  
CPG#5124; TBPG#1948

EXHIBIT H



Solaris Eddy State 2

32.07041, -103.9552

55 miles

Quaternary faults

gle earth

EXHIBIT H



# 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, a  
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  
and advertisements may be  
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:

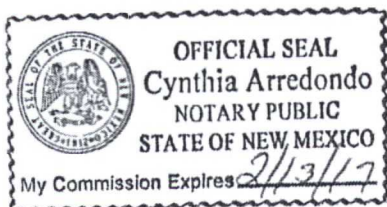
December 14 2016

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 14 day of November, 2016

Cynthia Arredondo  
My commission Expires 2/13/17

Notary Public



December 14, 2016

Solaris Midstream, LLC is applying to drill the Solaris Eddy State 2 as a saltwater disposal well. The well is staked at 2267 FSL & 2469 FWL Sec. 2, T. 26 S., R. 29 E., Eddy County and is 12 miles southeast of Malaga, NM. Disposal will be in the Devonian from 15,500' to 16,900'. Maximum injection pressure will be 3,100 psi. Maximum disposal rate will be 25,000 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 information can be obtained by contacting: Brian Wood, Permits West, Inc., 37 Verano Loop, Santa Fe, NM 87508. Phone number is (505) 466-8120.

EXHIBIT I

**Affidavit of Publication**

State of New Mexico,  
County of Eddy, ss.

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

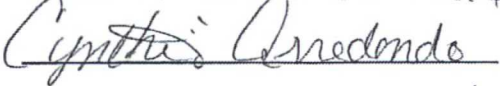
That he is the Publisher of the  
Carlsbad Current-Argus, a  
newspaper published daily at the  
City of Carlsbad, in said county of  
Eddy, state of New Mexico and of  
general paid circulation in said  
county; that the same is a duly  
qualified newspaper under the laws  
of the State wherein legal notices  
and advertisements may be  
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:

December 20 2016

That the cost of publication is **\$62.15**  
and that payment thereof has been  
made and will be assessed as court  
costs.



Subscribed and sworn to before me  
this 27 day of December, 2016



My commission Expires 2/13/17

Notary Public

**December 20, 2016**

To John F. Green, who  
is shown on BLM re-  
cords as a lessee of  
BLM oil & gas lease  
NMNM-011039 and  
whose last known ad-  
dress was 43 Haight  
Ave., Poughkeepsie  
NY 12603, or his  
 devisees, Solaris Mid-  
stream, LLC is apply-  
ing to drill the Solaris  
Eddy State 2 as a salt-  
water disposal well.  
The well is staked at  
2267 FSL & 2469 FWL  
Sec. 2, T. 26 S., R. 29  
E., Eddy County and is  
12 miles southeast of  
Malaga, NM. Disposal  
will be in the Devonian  
from 15,500' to  
16,900'. Maximum in-  
jection pressure will  
be 3,100 psi. Maxi-  
mum disposal rate will  
be 25,000 bwpd. In-  
terested parties must  
file objections or re-  
quests for hearing  
with the NM Oil Con-  
servation Division,  
1220 South Saint  
Francis Dr., Santa Fe,  
NM 87505 within 15  
days of the publica-  
tion of this ad. Addi-  
tional information can  
be obtained by con-  
tacting: Brian Wood,  
Permits West, Inc., 37  
Verano Loop, Santa  
Fe, NM 87508. Phone  
number is (505) 466-  
8120.



**EXHIBIT I**

December 29, 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 Solaris Eddy State 2 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: Solaris Eddy State 2      ID = 16,900'

Proposed Disposal Zone: Devonian (15,500' - 16,900')

Location: 2267' FSL & 2469' FWL Sec. 2, T. 26 S., R. 29 E., Eddy County, NM

Approximate Location: 12 miles southeast of Malaga, NM

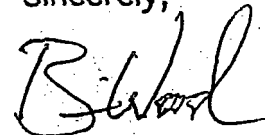
Applicant Name: Solaris Midstream LLC      (281) 501-3079

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

Submittal Information: Application for a saltwater disposal well will be filed with 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. Their phone is 505 476-3440.

Please call me if you have any questions.

Sincerely,



Brian Wood

EXHIBIT J

7016 2070 0000 9704 4973

**CERTIFIED MAIL® RECEIPT**  
Domestic Mail Only

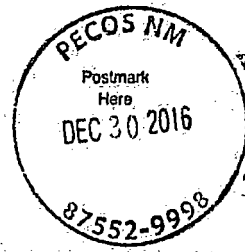
For delivery information, visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Certified Mail Fee	\$
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$
Total Postage and Fees	\$

Sent To: **Carbony Tech**  
Street and Apt. No., or PO Box No. **Southern**  
City, State, ZIP+4 **SF EDDY STATE 2**

PS Form 3800, April 2015 PSN 7530-02-000-90-7 See Reverse for Instructions



7014 2870 0001 8951 4005

**CERTIFIED MAIL® RECEIPT**  
Domestic Mail Only

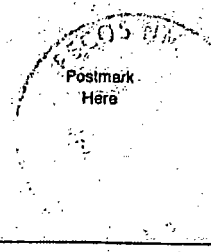
For delivery information, visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	ELM 620 E. Greene

Sent To: **Carlsbad NM-88220**  
Street and Apt. No., or PO Box No. **Solaris Eddy State 2**  
City, State, ZIP+4

PS Form 3800, July 2014 See Reverse for Instructions



7014 2870 0001 8951 4074

**U.S. Postal Service®**  
**CERTIFIED MAIL® RECEIPT**  
Domestic Mail Only

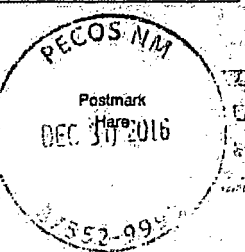
For delivery information, visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	COG Operating LLC 600 W. Illinois Ave

Sent To: **Midland TX-79701**  
Street and Apt. No., or PO Box No. **Solaris Eddy State 2**  
City, State, ZIP+4

PS Form 3800, July 2014 See Reverse for Instructions



7014 2870 0001 8951 4074

**U.S. Postal Service®**  
**CERTIFIED MAIL® RECEIPT**  
Domestic Mail Only

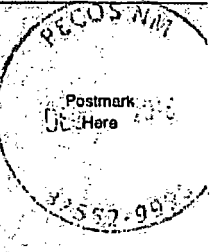
For delivery information, visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	Chevron USA Inc 6304 Deauville

Sent To: **Midland TX-79706**  
Street and Apt. No., or PO Box No. **Solaris Eddy State 2**  
City, State, ZIP+4

PS Form 3800, July 2014 See Reverse for Instructions



7014 2870 0001 8951 3992

**U.S. Postal Service®**  
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Domestic Mail Only

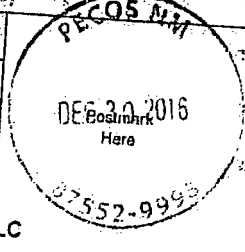
For delivery information, visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	Concho Oil & Gas LLC 600 W. Illinois Ave

Sent To: **One Concho Center**  
Street and Apt. No., or PO Box No. **Midland TX 79701**  
City, State, ZIP+4 **Solaris Eddy State 2**

PS Form 3800, July 2014 See Reverse for Instructions



7014 2870 0001 8951 3985

**U.S. Postal Service®**  
**CERTIFIED MAIL® RECEIPT**  
Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	COG Production, LLC 600 W. Illinois Ave

Sent To: **One Concho Center**  
Street and Apt. No., or PO Box No. **Midland TX 79701**  
City, State, ZIP+4 **Solaris Eddy State 2**

PS Form 3800, July 2014 See Reverse for Instructions

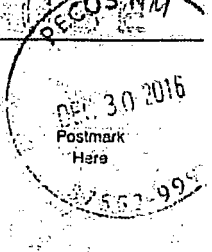


EXHIBIT J

7014 2870 0001 8951 4359

**CERTIFIED MAIL® RECEIPT**  
Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	

Sent To: Dominion OK TX Expl. & Pro.  
120 Tredegar St.  
Richmond VA 23219  
Solaris Eddy State 2

Postmark: DEC 10 2016  
87552-9998

PS Form 3800, July 2014 See Reverse for Instructions

7014 2870 0001 8951 4142

**U.S. Postal Service™**  
**CERTIFIED MAIL® RECEIPT**  
Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	

Sent To: Exco Resources Inc  
12377 Merit Dr.  
Suite 1700  
Dallas TX 75251  
Solaris Eddy State 2

Postmark: DEC 10 2016  
87552-9998

PS Form 3800, July 2014 See Reverse for Instructions

7014 2870 0001 8951 4373

**U.S. Postal Service™**  
**CERTIFIED MAIL® RECEIPT**  
Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	

Sent To: Dominion OK TX & RKI c/o WPX  
PO Box 3102  
Tulsa OK 74101  
Solaris Eddy State 2

Postmark: DEC 10 2016  
87552-9998

PS Form 3800, July 2014 See Reverse for Instructions

7014 2870 0001 8951 4029

**CERTIFIED MAIL® RECEIPT**  
Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	

Sent To: Costilla Energy  
PO Box 10369  
Midland TX 79702  
Solaris Eddy State 2

Postmark: DEC 10 2016  
87552-9998

PS Form 3800, July 2014 See Reverse for Instructions

7014 2870 0001 8951 4360

**U.S. Postal Service™**  
**CERTIFIED MAIL® RECEIPT**  
Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	

Sent To: El Paso Natural Gas c/o Kinder Morgan  
1001 Louisiana  
Suite 1000  
Houston TX 77002  
Solaris Eddy State 2

Postmark: DEC 10 2016  
87552-9998

PS Form 3800, July 2014 See Reverse for Instructions

7014 2870 0001 8951 4166

**U.S. Postal Service™**  
**CERTIFIED MAIL® RECEIPT**  
Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	

Sent To: Dominion OK TX Expl. & Pro. c/o RKI  
3500 One Williams Center  
Tulsa OK 74172  
Solaris Eddy State 2

Postmark: DEC 10 2016  
87552-9998

PS Form 3800, July 2014 See Reverse for Instructions

EXHIBIT J

7014 2870 0001 8951 4098

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> ™	
OFFICIAL USE	
Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	
Sent To <b>Kerrco Inc</b> <b>Niels-Esperson Bldg</b> <b>Houston TX 77002</b> <b>Solaris Eddy State 2</b>	
Street & Apt. No., or PO Box No. City, State, ZIP+4	
PS Form 3800, July 2014 See Reverse for Instructions	

7014 2870 0001 8951 4081

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> ™	
OFFICIAL USE	
Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	
Sent To <b>John Green</b> <b>43 Haight Ave</b> <b>Poughkeepsie NY 12603</b> <b>Solaris Eddy State 2</b>	
Street & Apt. No., or PO Box No. City, State, ZIP+4	
PS Form 3800, July 2014 See Reverse for Instructions	

7014 2870 0001 8951 4012

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> ™	
OFFICIAL USE	
Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	
Sent To <b>NM State Land Office</b> <b>PO Box 4448</b> <b>Santa Fe NM 87504</b> <b>Solaris Eddy State 2</b>	
Street & Apt. No., or PO Box No. City, State, ZIP+4	
PS Form 3800, July 2014 See Reverse for Instructions	

7014 2870 0001 8951 4043

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> ™	
OFFICIAL USE	
Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	
Sent To <b>Khody Land &amp; Minerals Co</b> <b>PO Box 3102</b> <b>Tulsa OK 74101</b> <b>Solaris Eddy State 2</b>	
Street & Apt. No., or PO Box No. City, State, ZIP+4	
PS Form 3800, July 2014 See Reverse for Instructions	

7014 2870 0001 8951 4227

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> ™	
OFFICIAL USE	
Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$
Sent To <b>Nu-Energy</b> <b>Solaris</b> <b>SF</b> <b>EDDY STATE 2</b>	
Street & Apt. No., or PO Box No. City, State, ZIP+4	
PS Form 3800, July 2014 See Reverse for Instructions	

7014 2870 0001 8951 4210

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> ™	
OFFICIAL USE	
Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$
Sent To <b>Nu-Energy</b> <b>Solaris</b> <b>Deliver EDDY STATE 2</b>	
Street & Apt. No., or PO Box No. City, State, ZIP+4	
PS Form 3800, July 2014 See Reverse for Instructions	

EXHIBIT J

7014 2870 0001 8951 4111

U.S. Postal Service  
**CERTIFIED MAIL® RECEIPT**  
*Domestic Mail Only*

For delivery information, visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	

RKC Inc  
1627 Hillside Rd  
Fairfield CT 06490  
Solaris Eddy State 2

Sent To  
Street & Apt. No.,  
or PO Box No.  
City, State, ZIP+4

PS Form 3800, July 2014 See Reverse for Instructions

PECOS NM  
Postmark  
Here  
DEC 30 2016  
87552-9998

7014 2870 0001 8951 4128

U.S. Postal Service  
**CERTIFIED MAIL® RECEIPT**  
*Domestic Mail Only*

For delivery information, visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	

Three Forks Resources  
555-17th Street  
Ste 975  
Denver CO 80202  
Solaris Eddy State 2

Sent To  
Street & Apt. No.,  
or PO Box No.  
City, State, ZIP+4

PS Form 3800, July 2014 See Reverse for Instructions

PECOS NM  
Postmark  
Here  
DEC 30 2016  
87552-9998

7014 2870 0001 8951 4050

U.S. Postal Service  
**CERTIFIED MAIL® RECEIPT**  
*Domestic Mail Only*

For delivery information, visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	

Charlotte Williamson  
PO Box 50410  
Austin TX 78763  
Solaris Eddy State 2

Sent To  
Street & Apt. No.,  
or PO Box No.  
City, State, ZIP+4

PS Form 3800, July 2014 See Reverse for Instructions

PECOS NM  
Postmark  
Here  
DEC 30 2016  
87552-9998

EXHIBIT J

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

## 1. Article Addressed to:

BLM  
620 E. Greene  
Carlsbad NM 88220

Solaris Eddy State 2

9590 9402 1840 6104 1559 79

## 2. Article Number (Transfer from service label)

7014 2870 0001 8951 4005

PS Form 3811, July 2015 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

X *[Signature]* ☐ Agent ☐ Addressee

## B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes ☐ No

If YES, enter delivery address below:

## 3. Service Type

☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☐ Certified Mail®  
☐ Certified Mail Restricted Delivery  
☐ Collect on Delivery  
☐ Insured Mail  
☐ Registered Mail™  
☐ Registered Mail Restricted Delivery  
☐ Return Receipt for Merchandise  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

## 1. Article Addressed to:

Dominion OK TX Expl. & Pro.  
120 Tredegar St.  
Richmond VA 23219

Solaris Eddy State 2

9590 9402 1840 6104 1561 29

## 2. Article Number (Transfer from service label)

7014 2870 0001 8951 4159

PS Form 3811, July 2015 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

X *[Signature]* ☐ Agent ☐ Addressee

## B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes ☐ No

If YES, enter delivery address below:

## 3. Service Type

☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☐ Certified Mail®  
☐ Certified Mail Restricted Delivery  
☐ Collect on Delivery  
☐ Insured Mail  
☐ Priority Mail Express®  
☐ Registered Mail™  
☐ Registered Mail Restricted Delivery  
☐ Return Receipt for Merchandise  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

## 1. Article Addressed to:

Chevron USA Inc  
6301 Deauville  
Midland TX 79706

Solaris Eddy State 2

9590 9402 1840 6104 1560 44

## 2. Article Number (Transfer from service label)

7014 2870 0001 8951 4074

PS Form 3811, July 2015 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

X *[Signature]* ☐ Agent ☐ Addressee

## B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes ☐ No

If YES, enter delivery address below:

## 3. Service Type

☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☐ Certified Mail®  
☐ Certified Mail Restricted Delivery  
☐ Collect on Delivery  
☐ Insured Mail  
☐ Priority Mail Express®  
☐ Registered Mail™  
☐ Registered Mail Restricted Delivery  
☐ Return Receipt for Merchandise  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

## 1. Article Addressed to:

Dominion OK TX Expl. & Pro. c/o RKI  
3500 One Williams Center  
Tulsa OK 74172

Solaris Eddy State 2

9590 9402 2411 6249 7133 30

## 2. Article Number (Transfer from service label)

7014 2870 0001 8951 4366

PS Form 3811, July 2015 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

X *[Signature]* ☐ Agent ☐ Addressee

## B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes ☐ No

If YES, enter delivery address below:

## 3. Service Type

☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☐ Certified Mail®  
☐ Certified Mail Restricted Delivery  
☐ Collect on Delivery  
☐ Insured Mail  
☐ Priority Mail Express®  
☐ Registered Mail™  
☐ Registered Mail Restricted Delivery  
☐ Return Receipt for Merchandise  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

## 1. Article Addressed to:

COG Production, LLC  
600 W Illinois Ave  
One Concho Center  
Midland TX 79701

Solaris Eddy State 2

9590 9402 2411 6249 7132 00

## 2. Article Number (Transfer from service label)

7014 2870 0001 8951 3985

PS Form 3811, July 2015 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

X *[Signature]* ☐ Agent ☐ Addressee

## B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes ☐ No

If YES, enter delivery address below:

## 3. Service Type

☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☐ Certified Mail®  
☐ Certified Mail Restricted Delivery  
☐ Collect on Delivery  
☐ Insured Mail  
☐ Priority Mail Express®  
☐ Registered Mail™  
☐ Registered Mail Restricted Delivery  
☐ Return Receipt for Merchandise  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

## 1. Article Addressed to:

Dominion OK TX & RKI c/o WPX  
PO Box 3102  
Tulsa OK 74101

Solaris Eddy State 2

9590 9402 2411 6249 7121 40

## 2. Article Number (Transfer from service label)

7014 2870 0001 8951 4173

PS Form 3811, July 2015 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

X *[Signature]* ☐ Agent ☐ Addressee

## B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes ☐ No

If YES, enter delivery address below:

## 3. Service Type

☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☐ Certified Mail®  
☐ Certified Mail Restricted Delivery  
☐ Collect on Delivery  
☐ Insured Mail  
☐ Priority Mail Express®  
☐ Registered Mail™  
☐ Registered Mail Restricted Delivery  
☐ Return Receipt for Merchandise  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

## 1. Article Addressed to:

COG Operating LLC  
600 W Illinois Ave  
Midland TX 79701

Solaris Eddy State 2

9590 9402 1840 6104 1559 48

## 2. Article Number (Transfer from service label)

7014 2870 0001 8951 3978

PS Form 3811, July 2015 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

X *[Signature]* ☐ Agent ☐ Addressee

## B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes ☐ No

If YES, enter delivery address below:

## 3. Service Type

☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☐ Certified Mail®  
☐ Certified Mail Restricted Delivery  
☐ Collect on Delivery  
☐ Insured Mail  
☐ Priority Mail Express®  
☐ Registered Mail™  
☐ Registered Mail Restricted Delivery  
☐ Return Receipt for Merchandise  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

## 1. Article Addressed to:

Exco Resources Inc  
12377 Merit Dr.  
Suite 1700  
Dallas TX 75251

Solaris Eddy State 2

9590 9402 2411 6249 7131 87

## 2. Article Number (Transfer from service label)

7014 2870 0001 8951 4142

PS Form 3811, July 2015 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

X *[Signature]* ☐ Agent ☐ Addressee

## B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes ☐ No

If YES, enter delivery address below:

## 3. Service Type

☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☐ Certified Mail®  
☐ Certified Mail Restricted Delivery  
☐ Collect on Delivery  
☐ Insured Mail  
☐ Priority Mail Express®  
☐ Registered Mail™  
☐ Registered Mail Restricted Delivery  
☐ Return Receipt for Merchandise  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

## 1. Article Addressed to:

Concho Oil & Gas LLC  
600 W Illinois Ave  
One Concho Center  
Midland TX 79701

Solaris Eddy State 2

9590 9402 1840 6104 1559 62

## 2. Article Number (Transfer from service label)

7014 2870 0001 8951 3992

PS Form 3811, July 2015 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

X *[Signature]* ☐ Agent ☐ Addressee

## B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes ☐ No

If YES, enter delivery address below:

## 3. Service Type

☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☐ Certified Mail®  
☐ Certified Mail Restricted Delivery  
☐ Collect on Delivery  
☐ Insured Mail  
☐ Priority Mail Express®  
☐ Registered Mail™  
☐ Registered Mail Restricted Delivery  
☐ Return Receipt for Merchandise  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

## 1. Article Addressed to:

Kerrco Inc  
Niels Esperson Bldg  
Houston TX 77002

Solaris Eddy State 2

9590 9402 1840 6104 1560 68

## 2. Article Number (Transfer from service label)

7014 2870 0001 8951 4098

PS Form 3811, July 2015 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

X *[Signature]* ☐ Agent ☐ Addressee

## B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes ☐ No

If YES, enter delivery address below:

## 3. Service Type

☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☐ Certified Mail®  
☐ Certified Mail Restricted Delivery  
☐ Collect on Delivery  
☐ Insured Mail  
☐ Priority Mail Express®  
☐ Registered Mail™  
☐ Registered Mail Restricted Delivery  
☐ Return Receipt for Merchandise  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:</p> <p>Khody Land &amp; Minerals Co PO Box 3102 Tulsa OK 74101</p> <p>Solaris Eddy State 2</p> <p>9590 9402 1840 6104 1300 113</p> <p>2. Article Number (Transfer from service label)</p> <p>7014 2870 0001 8951 4043</p>	<p>A. Signature</p> <p><input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name)</p> <p>C. Date of Delivery</p> <p>JAN 03 2017</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Certified Mail <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery</p> <p><input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:</p> <p>NM State Land Office PO Box 1148 Santa Fe NM 87504</p> <p>Solaris Eddy State 2</p> <p>9590 9402 1840 6104 1559 86</p> <p>2. Article Number (Transfer from service label)</p> <p>7014 2870 0001 8951 4012</p>	<p>A. Signature</p> <p><input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name)</p> <p>C. Date of Delivery</p> <p>JAN -4- 2017</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Certified Mail <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery</p> <p><input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>

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## C-108 Review Checklist:

Received 4/24/17

Add. Request: \_\_\_\_\_

Reply Date: \_\_\_\_\_

Suspended: \_\_\_\_\_

[Ver 15]

ORDER TYPE: WFX / PMX / SWD Number: \_\_\_\_\_

Order Date: \_\_\_\_\_

Legacy Permits/Orders: \_\_\_\_\_

Well No. 2 Well Name(s): SOLARIS Eddy storeAPI: 30-0 15-44001

Spud Date: \_\_\_\_\_

New or Old: N

(UIC Class II Primacy 03/07/1982)

Footages 2267 FSL

Lot \_\_\_\_\_

or Unit KSec 2Tsp 2WSRge 29ECounty EddyGeneral Location: 25 miles S of JALPool: SOLARIS WATERPool No.: 96101BLM 100K Map: JALOperator: Midstream, LLCOGRID: 371643Contact: Brian Wood AgentCOMPLIANCE RULE 5.9: Total Wells: 2Inactive: 0Fincl Assur: OKCompl. Order? N/AIS 5.9 OK? Y

Date: \_\_\_\_\_

WELL FILE REVIEWED YCurrent Status: ProposedWELL DIAGRAMS: NEW: Proposed Yor RE-ENTER: Before Conv. 0After Conv. 0Logs in Imaging: N/A

Planned Rehab Work to Well: \_\_\_\_\_

## Well Construction Details

Sizes (in)  
Borehole / PipeSetting  
Depths (ft)Cement  
Sx or Cf

Cement Top and Determination Method

Planned \_\_\_ or Existing \_\_\_ Surface

24/20575

Stage Tool

1500SCAFFOLD/VISUAL

Planned \_\_\_ or Existing \_\_\_ Interm/Prod

17 1/2 / 13 3/431751750SCAFFOLD/VISUAL

Planned \_\_\_ or Existing \_\_\_ Interm/Prod

12 1/4 / 9 5/810300175SCAFFOLD/VISUAL

Planned \_\_\_ or Existing \_\_\_ Prod/Liner

8 1/2 / 7154508009800 / CBL

Planned \_\_\_ or Existing \_\_\_ Liner

Planned \_\_\_ or Existing OH / PERF155000 / 11400

Inj Length

1400

Completion/Operation Details:

Injection Lithostratigraphic Units:

Depths (ft)

Injection or Confining  
Units

Tops

Drilled TD 16900

PBTD \_\_\_\_\_

Adjacent Unit: Litho. Struc. Por.

DU16650

NEW TD \_\_\_\_\_

NEW PBTD \_\_\_\_\_

Confining Unit: Litho. Struc. Por.

NEW Open Hole Yor NEW Perfs 0

Proposed Inj Interval TOP:

15500Tubing Size 4 1/2 in.Inter Coated? Y

Proposed Inj Interval BOTTOM:

16900Proposed Packer Depth 15450 ft

Confining Unit: Litho. Struc. Por.

Min. Packer Depth 15450 (100-ft limit)

Adjacent Unit: Litho. Struc. Por.

Proposed Max. Surface Press. 3100 psiAdmin. Inj. Press. 3100 (0.2 psi per ft)

## AOR: Hydrologic and Geologic Information

POTASH: R-111-P N/A

Noticed? \_\_\_\_\_

BLM Sec Ord 0WIPP 0

Noticed? \_\_\_\_\_

Salt/Salado T: 800NW: Cliff House fm N/AFRESH WATER: Aquifer Quaternary

Max Depth \_\_\_\_\_

HYDRO AFFIRM STATEMENT By Qualified Person 0NMOSE Basin: CARLSBAD

CAPITAN REEF: thru

adj NANo. Wells within 1-Mile Radius? 1FW Analysis Y

Disposal Fluid: Formation Source(s) \_\_\_\_\_

Analysis? YOn Lease 0Operator Only 0or Commercial YDisposal Int: Inject Rate (Avg/Max BWPD): 100/250Protectable Waters? MA

Source: \_\_\_\_\_

System: Closed Yor Open 0HC Potential: Producing Interval? N/A

Formerly Producing? \_\_\_\_\_

Method: Logs/DST/P&A/Other regional2-Mile Radius Pool Map 0

AOR Wells: 1/2-M Radius Map? \_\_\_\_\_

Well List? \_\_\_\_\_

Total No. Wells Penetrating Interval: \_\_\_\_\_

Horizontals? \_\_\_\_\_

Penetrating Wells: No. Active Wells 0

Num Repairs? \_\_\_\_\_

on which well(s)? \_\_\_\_\_

Diagrams? \_\_\_\_\_

Penetrating Wells: No. P&A Wells 0

Num Repairs? \_\_\_\_\_

on which well(s)? \_\_\_\_\_

Diagrams? \_\_\_\_\_

NOTICE: Newspaper Date 12-20-17Mineral Owner NMSCOSurface Owner NMSCON. Date 1-3-20171-9-2017

RULE 26.7(A): Identified Tracts? \_\_\_\_\_

Affected Persons: CARLSBAD, COG, RKT, CHEVRONN. Date 1-9-2017

Order Conditions: Issues: \_\_\_\_\_

Add Order Cond: N4W C-B-L 7" / 15450' - 4000'



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

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

No records found.

**PLSS Search:**

Section(s): 1-3, 10-12

Township: 26S

Range: 29E

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.

1/27/17 9:46 AM

WATER COLUMN/ AVERAGE  
DEPTH TO WATER



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

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

No records found.

**PLSS Search:**

Section(s): 34-36

Township: 25S

Range: 29E

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.

1/27/17 9:47 AM

WATER COLUMN/ AVERAGE  
DEPTH TO WATER