RECEIVED:	REVIEWER:	TYPE:	APP NO:
		ABOVE THIS TABLE FOR OCD DIVISION US	SE ONLY
	- Geologico	D OIL CONSERVATIO al & Engineering Bui ncis Drive, Santa Fe	reau –
	ADMINISTRA	ATIVE APPLICATION	CHECKLIST
		ADMINISTRATIVE APPLICATIONS UIRE PROCESSING AT THE DIVISIO	S FOR EXCEPTIONS TO DIVISION RULES AND ON LEVEL IN SANTA FE
Applicant:_	Spur Energy Partners, LLC		OGRID Number: <u>328947</u>
	Aikman SWD State #1		API: <u>30-015-21045</u>
Pool:	SWD; Canyon		Pool Code: <u>96184</u>
,	APPLICATION: Check those w cation – Spacing Unit – Simulto NSL NSP (PRO.	neous Dedication	
[]	eck one only for [1] or [1] Commingling – Storage – Me DHC CTB PLC Injection – Disposal – Pressur WFX PMX SW	C	OLM ed Oil Recovery PPR FOR OCD ONLY
A. ■ B. □ C. ■ D. ■ E. ■ F. ■ G.■	ATION REQUIRED TO: Check the Offset operators or lease hold Royalty, overriding royalty ow Application requires published Notification and/or concurrer Notification and/or concurrer Surface owner For all of the above, proof of the No notice required	ers ners, revenue owners d notice nt approval by SLO nt approval by BLM	Content Complete
administ	CATION: I hereby certify that the rative approval is accurate and that no action will be take	nd complete to the b	

notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Ben Stone

Print or Type Name

12/20/2022

Date

936-377-5696

Phone Number

ben@sosconsulting.us e-mail Address

Sen Jon

Signature

Released to Imaging: 1/29/2025 12:13:38 PM



Page 2 of 35

December 20, 2022

SOS Consulting, LLC

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

Attn: Ms. Adriene Sandoval, Director

Re: Application of Spur Energy Partners, LLC to RECOMPLETE for salt water disposal its Aikman SWD State Well No.1, API No.30-015-21045, located in Section 27, Township 19 South, Range 25 East, NMPM, Eddy County, New Mexico.

Dear Ms. Sandoval,

Please find the enclosed form C-108 Application for Authority to Inject, supporting the above-referenced request to permit for disposal the Aikman SWD State #1. The well was previously authorized by another operator for salt water disposal by division order SWD-417 for disposal into the Devonian formation. The NM State Land Office requested the recompletion to a shallower horizon as there has been recent seismic activity in the region.

The subject well is one of hundreds acquired in the last few years. By retaining a useful SWD, the applicant's area production and leases will remain economic. The well will only take Spur's water from area operations.

Spur Energy Partners, LLC seeks to optimize efficiency, both economically and operationally, of all its operations in southeast New Mexico. Approval of this application is consistent with that goal as well as the NMOCD's mission of preventing waste and protection of correlative rights.

Published legal notice ran in the December 8, 2022, edition of the Artesia Daily Press and offset operators and other affected parties have been notified individually. All required information and attachments are included for a complete Form C-108. The well is located on state land and minerals with offsetting federal land and minerals.

I respectfully request that the approval of this salt water disposal well proceed swiftly and if you or your staff requires additional information or has any questions, please do not hesitate to call or email me.

Best regards,

Ben Stone, Partner SOS Consulting, LLC Agent for Spur Energy Partners, LLC

Cc: Application attachment and file

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: **SWD Reinstatement** and the application **qualifies** for administrative approval.
- II.OPERATOR:
ADDRESS:Spur Energy Partners, LLC (Ogrid 328947)
9655 Katy Freeway, Ste.500, Houston, Texas 77024
 - CONTACT PARTY: Sarah Chapman, Spur Regulatory Director (832) 930-8502 Agent: SOS Consulting, LLC – Ben Stone (936) 377-5696
- III. WELL DATA: All well data and applicable wellbore diagrams are ATTACHED hereto.
- IV. This is not an expansion of an existing project.
- V. **A map is ATTACHED** 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. A tabulation is ATTACHED of data on all wells of public record within the area of review which penetrate the proposed injection zone. (6 AOR wells penetrate the subject interval.) The data includes a description of each well's type, construction, date drilled, location, depth, and a schematic of any plugged well illustrating all plugging detail.
- VII. The following data is ATTACHED on the proposed operation, including:
 - 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. Appropriate geologic data on the injection zone is ATTACHED 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. The well may be acidized to clean perforations and formation w/ approximately 3500 gals 15% HCl or less.
- *X. A log strip of the subject well is annotated and is ATTACHED.
- *XI. State Engineer's records indicate there is 1 water well within one mile the proposed SWD Not found, certified search effort statement ATTACHED.
- XII. An affirmative statement is ATTACHED that available geologic and engineering data has been examined and no evidence was found of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. "Proof of Notice" section on the next page of this form has been completed and ATTACHED. There are 2 offset operators; on State Land w/ offsetting federal minerals – BLM and SLO have been noticed.
- 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:	Ben Stone	\frown	TITLE	E: SOS Consulting, LLC agent / consult	ant for Spur	Energy Partners	, <i>LLC</i>
SIGNATI	JRE:	Sen,	Sam_		DATE:	12/20/2022	

E-MAIL ADDRESS: ben@sosconsulting.us

- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal:
- DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

Page 2

III. WELL DATA – The following information and data is included and ATTACHED:

- 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 pursuant to the following criteria is ATTACHED.

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.

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

X AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

	PI Number 015-21			² Pool Code 96184		³ Pool Na SWD; C								
⁴ Property C	ode		•		⁵ Property 1	Name			⁶ Well Number					
TBD			Aikman SWD State 1											
⁷ OGRID N	0.			⁸ Operator Name ⁹ Elevation										
32894	7			Spu		3466'								
				¹⁰ Surface Location										
UL or lot no.	Section	Township	Range	Range Lot Idn Feet from the North/South line Feet from the East/West line										
N	27	19S	25E	E 660' FSL 1980' FWL						Eddy				
			¹¹ Bo	ttom Ho	le Location If	Different From	n Surface							
UL or lot no.	Section	Township	Range	Range Lot Idn Feet from the North/South line Feet from the East/West line Count										
same														
¹² Dedicated Acres	¹³ Joint of	r Infill	⁴ Consolidation	Code ¹⁵ Or	der No.									
n/a				S	SWD-pending	9								

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.

16			17 OPERATOR CERTIFICATION
			I hereby certify that the information contained herein is true and complete
			to the best of my knowledge and belief, and that this organization either
			owns a working interest or unleased mineral interest in the land including
			the proposed bottom hole location or has a right to drill this well at this
			location pursuant to a contract with an owner of such a mineral or working
			interest, or to a voluntary pooling agreement or a compulsory pooling
			order heretofore entered by the division.
			11/22/2022
			Signature Date
			Ben Stone
			Printed Name
			ben@sosconsulting.us
			E-mail Address
			¹⁸ SURVEYOR CERTIFICATION
			<i>I hereby certify that the well location shown on this</i>
			plat was plotted from field notes of actual surveys
			made by me or under my supervision, and that the
			same is true and correct to the best of my belief.
			December 11, 1973
			Date of Survey
			Signature and Seal of Professional Surveyor:
1980'			
	°		Max A. Schumann, Jr.
	660'		
	000		15110 Certificate Number
	↓		Certificate Number

C-108 - Items III, IV, V

Item III - Subject Well Data

Wellbore Diagram - CURRENT Wellbore Diagram – PROPOSED

Item IV – Tabulation of AOR Wells

6 Wells Penetrate the Proposed Injection Interval, NO (0) P&A (Construction Data for 6 wells)

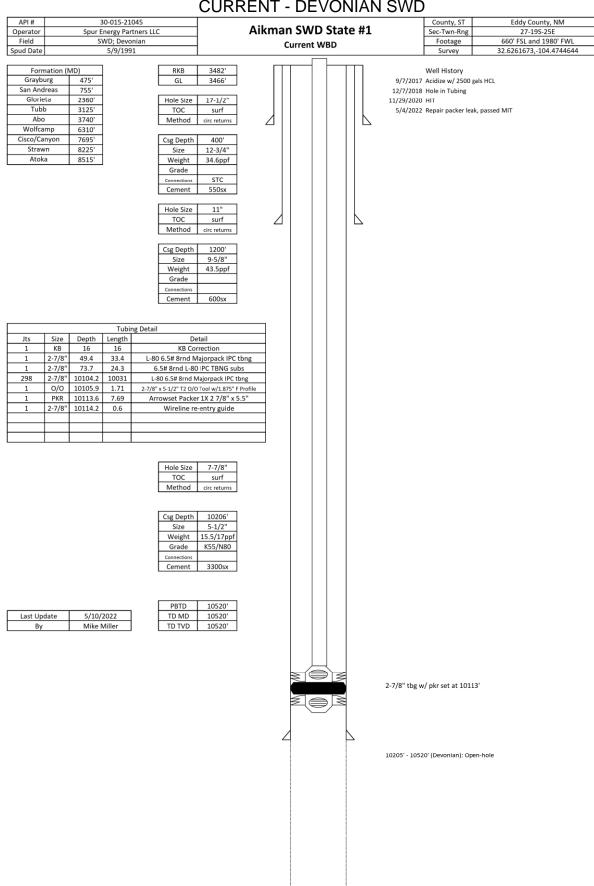
Item V – Area of Review Maps

1. Two Mile AOR Map with One-Mile Fresh Water Well Radius

2. One-Half Mile AOR Map

All Above Exhibits follow this page.

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CURRENT - DEVONIAN SWD

Received by OCD: 1/29/2025 11:49:22 AM

WELL SCHEMATIC - PROPOSED SPUR Aikman SWD State Well No.1 ENERGY PARTNERS SWD; Canyon (96184) API 30-015-21045 660' FSL & 1980' FWL, SEC. 27-T19S-R25E Spud Date: 5/09/1991 EDDY COUNTY, NEW MEXICO Re-Config SWD Dt (Est): ~3/15 Injection Pressure Regulated Annulus Monitored or open to atomosphere and Volumes Reported 346/ 1554 psi Max. Surface (0.2 psi/ft) Surface Casing 400' 12.75", 34.6# J-55 STC Csg. (17.5" Hole) @ 400' SA: 755 550 sx - Circulated to Surface 日本の - 1000 1200' Intermediate Casing 9.625", 43.5# J-55 STC Csg. (11.0" Hole) @ 1100' 「中国、大学院的には学校をつける日本大学院的には学校をつける日本大学院的には学校の 600 sx - Circulated to Surface 2000 GLOR: 2360 _ 3000 SPUR ENERGY PARTNERS, LLC Recomplete to Canyon Interval for SWD: Pull TBG; Spot 100 sx 10520' to 10100'. Spot heavy MLF to 8050'. Set CIBP @ 8050', Cap w/ 50' Cmt. 4000 Perforate Specific Intervals as shown and acidize. Run PC Tubing and PKR - Conduct Witnessed MIT. Commence Disposal Operations. Annulus Loaded 5000 w/ Inert Packer Fluid 6000 2.875" IC Tubing (or smaller) WLFCP: 6310 PKR ~7674'+ Note: PRK Set 100' Above Final Uppermost Perf Interval. LOG STRIP (Offset Well) 7000 CIS/CNYN: 7695 GROSS CANYON Perfs: INJECTION 7774'-7803', 7836'-7850', 7891'-7900', 7938'-7940' INTERVAL 8000 (7774'-7940') CIBP @ 8015' PBTD ~8000' STRWN: 8225 Cap w/ 50' Cmt 9000 Spot MLF MISS: 9486 Production Casing 5.5", 15.5/ 17.0# K-55/ N-80 Csg. (8.75" Hole) @ 10205' 3300 sx - TOC @ Circulated to Surface - 10000 DEV: 10200' Spot 100 sx 10525' to 10100' 10205 DTD @ 10520'



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Form C-108 Item VI - Tabulation of AOR Wells

	Top of Proposed CANYON Interval 7774'				6 Wells	Penetrate F	Proposed In	terval.	
API	Current Operator	Well Name	Туре	Status	ULSTR	Lease	Depth	Spud Date	PI
Subject Well									
30-015-21045	Spur Energy Partners LLC	AIKMAN SWD STATE #001	SWD	Active	N-27-19S-25E	State	10,520	1/10/1974	
Wells in Section 27									
30-015-29489	Spur Energy Partners LLC	HAWK 27 FEDERAL #001	Oil	Active	J-27-19S-25E	Federal	9,580	11/22/1997	
30-015-29010	Spur Energy Partners LLC	SOUTH BOYD 27 COM #007	Oil	Active	K-27-19S-25E	State	8,180	7/29/1996	
30-015-28289	Spur Energy Partners LLC	SOUTH BOYD 27 COM #004	Oil	Active	L-27-19S-25E	Private	8,100	1/31/1995	
30-015-28801	Spur Energy Partners LLC	SOUTH BOYD 27 COM #005	Oil	Active	M-27-19S-25E	State	7,975	2/4/1996	
30-015-30793	Spur Energy Partners LLC	SOUTH BOYD 27 #012	Oil	Active	N-27-19S-25E	Private	8,019	11/4/1999	
30-015-45678	Spur Energy Partners LLC	LAKEWOOD FEDERAL COM #010H	Oil	Active	N-27-19S-25E	State	3,110	11/30/2020	
30-015-46217	Spur Energy Partners LLC	LAKEWOOD FEDERAL COM #011H	Oil	New	N-27-19S-25E	Federal	3216*	New, Not Drl'd	
30-015-45677	Spur Energy Partners LLC	LAKEWOOD FEDERAL COM #009H	Oil	New	O-27-19S-25E	Federal	3390*	New, Not Drl'd	
30-015-45675	Spur Energy Partners LLC	LAKEWOOD FEDERAL COM #007H	Oil	New	O-27-19S-25E	Federal	3214 *	New, Not Drl'd	
30-015-45674	Spur Energy Partners LLC	LAKEWOOD FEDERAL COM #006H	Oil	New	O-27-19S-25E	Federal	3572 *	New, Not Drl'd	
30-015-45673	Spur Energy Partners LLC	LAKEWOOD FEDERAL COM #005H	Oil	New	O-27-19S-25E	Federal	3467 *	New, Not Drl'd	
30-015-45676	Spur Energy Partners LLC	LAKEWOOD FEDERAL COM #008H	Oil	Active	O-27-19S-25E	Federal	2938	12/15/2020	
30-015-45669	Spur Energy Partners LLC	LAKEWOOD FEDERAL COM #004H	Oil	Active	O-27-19S-25E	Federal	2891	12/9/2020	
30-015-45679	Spur Energy Partners LLC	LAKEWOOD FEDERAL COM #021H	Oil	Active	P-27-19S-25E	Federal	3,158	12/29/2020	
30-015-45680	Spur Energy Partners LLC	LAKEWOOD FEDERAL COM #020H	Oil	Active	P-27-19S-25E	Federal	2,736	12/23/2020	
Wells in Section 34									
30-015-44884	Spur Energy Partners LLC	SOUTH BOYD FEDERAL COM #017H	Oil	New	A-34-19S-25E	Federal	3081*	New, Not Drl'd	
30-015-44882	Spur Energy Partners LLC	SOUTH BOYD FEDERAL COM #015H	Oil	New	A-34-19S-25E	Federal	2928*	New, Not Drl'd	
30-015-44883	Spur Energy Partners LLC	SOUTH BOYD FEDERAL COM #016H	Oil	New	A-34-19S-25E	Federal	3203 *	New, Not Drl'd	
30-015-44724	Spur Energy Partners LLC	SOUTH BOYD FEDERAL COM #021H	Oil	New	B-34-19S-25E	Federal	2918 *	New, Not Drl'd	
30-015-44725	Spur Energy Partners LLC	SOUTH BOYD FEDERAL COM #022H	Oil	New	B-34-19S-25E	Federal	3212 *	New, Not Drl'd	
30-015-44723	Spur Energy Partners LLC	SOUTH BOYD FEDERAL COM #020H	Oil	Active	B-34-19S-25E	Federal	3,572	11/3/2018	
			~	A	D 24 400 200	Feelewal	0.050	4/45/2005	
30-015-33949	Spur Energy Partners LLC	PAN CANADIAN 34 FEDERAL #004	Gas	Active	B-34-19S-25E	Federal	9,650	4/15/2005	
30-015-33949 30-015-44685	Spur Energy Partners LLC Spur Energy Partners LLC	PAN CANADIAN 34 FEDERAL #004 SOUTH BOYD FEDERAL COM #018H	Gas Oil	Active	B-34-195-25E B-34-19S-25E	Federal	9,650 2,736	6/17/2018	

*Proposed Depth

SUMMARY: 6 wells penetrate proposed disposal interval, NO (0) P&A.



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NOTE: All wells <u>Operated by the Applicant</u> which has determined No Risk from the proposed SWD.

Form C-108 Item VI - Tabulation of AOR Wells

6 Wells Which Penetrate Subject Interval - Well Construction Data

	Top of Proposed CANYON Interval 7774'			6	Wells Penetrate Pro	posed Interv	al.	
API	Current Operator	Well Name	Туре	Status	ULSTR	Lease	Depth	Spud Date
Wells in Section 27								
30-015-29489	Spur Energy Partners LLC	HAWK 27 FEDERAL #001	Oil	Active	J-27-19S-25E	Federal	9,580	11/22/1997
	٨	1ORROW Perfs 9247'-9320'; 9.625" (14.75" ho	le)@ 1126' w/	1200 sx - Circ	. to surface; 5.5" (8.7	'5" hole) @ 95	80' w/ 400 s.	x - TOC @ 8200'
30-015-29010	Spur Energy Partners LLC	SOUTH BOYD 27 COM #007	Oil	Active	K-27-19S-25E	State	8,180	7/29/1996
	GLRTA/YESO Perfs 2396'-2885'; 9.625"	(14.75" hole)@ 1182' w/ 1200 sx - Circ. to surfe	ace; 7.875" (8.7	75" hole) @ 8.	180' w/ 1655 sx - TOC	C @ 800' by Te	mp; CIBP @	3828' w/ 35 sx.
30-015-28289	Spur Energy Partners LLC	SOUTH BOYD 27 COM #004	Oil	Active	L-27-19S-25E	Private	8,100	1/31/1995
	GLRTA/YESO Perfs 2401'-2940)'; 9.625" (14.75" hole)@ 1105' w/ 750 sx - Cir	c. to surface; 7	.0" (8.75" hol	e) @ 8100' w/ 1265 s	x - Circ. to surj	face; CIBP @	3834' w/ 35 sx.
30-015-28801	Spur Energy Partners LLC	SOUTH BOYD 27 COM #005	Oil	Active	M-27-19S-25E	State	7,975	2/4/1996
	GLRTA/YESO Perfs 2341'-2530',	: 9.625" (14.75" hole)@ 1136' w/ 1050 sx - Cir	c. to surface; 7	.0" (8.75" hol	e) @ 7975' w/ 1300 s	x - Circ. to sur	face; CIBP @	3946' w/ 35 sx.
30-015-30793	Spur Energy Partners LLC	SOUTH BOYD 27 #012	Oil	Active	N-27-19S-25E	Private	8,019	11/4/1999
GLRTA,	/YESO Perfs 2360'-2992'; 9.625" (14.75" hole)@ 1	100' w/ 1200 sx + 1" - Circ. to surface; 7.0" (8.2	75" hole) @ 81	00' w/ 225 sx	+ Recomp 755 sx SQ2	z TOC 1300' by	· Temp; CIBP	@ 3800' w/ fill.
Wells in Section 34								

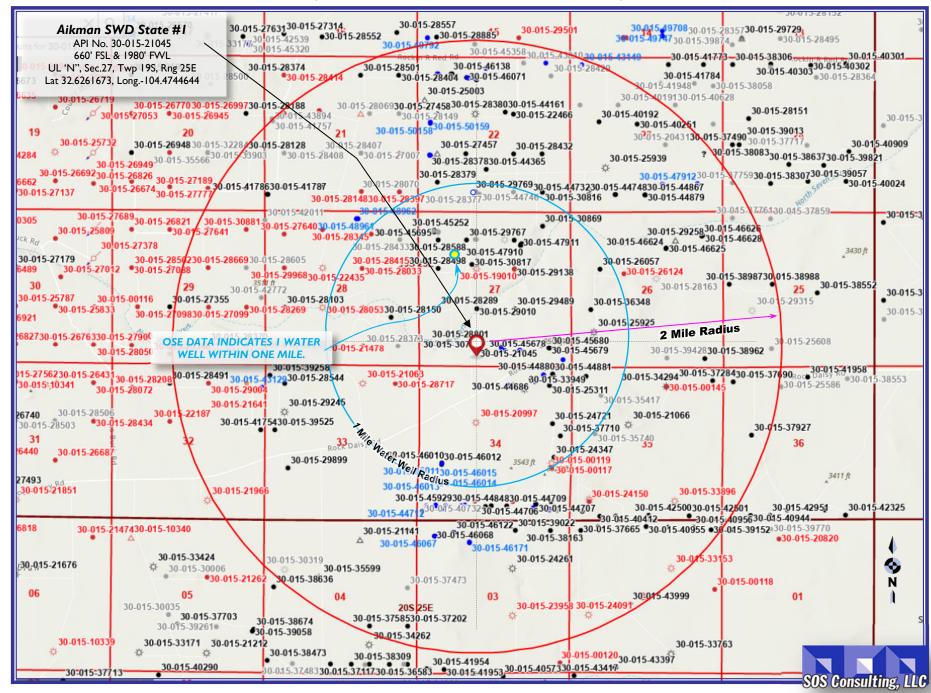
30-015-33949	Spur Energy Partners LLC	PAN CANADIAN 34 FEDERAL #004	Gas	Active	B-34-19S-25E	Federal	9,650	4/15/2005
	MORROW Perfs 9336'-9464'; 13.37	75" (17.5" hole) 406' w/ 750 sx CtS; 9.625" (14.75" hole)@	@ 1135' w/	590 sx - Circ.	to surface; 5.5" (8.75	5" hole) @ 975	0' w/ 800 sx	- Calc. to 6000'.



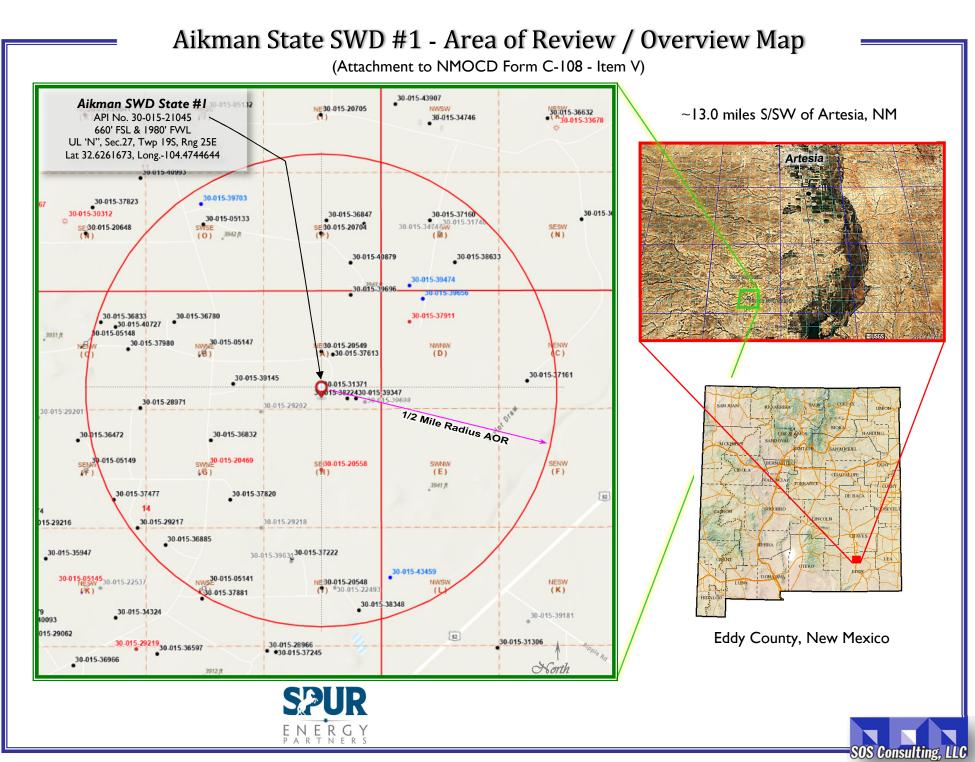
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Aikman SWD State #1 - Area of Review / 2 Miles

(Attachment to NMOCD Form C-108 - Item V)



by OCD: 1/29/2025 11:49:22



Page 12 of 35

Received by OCD: 1/29/2025 11:49:22 AM

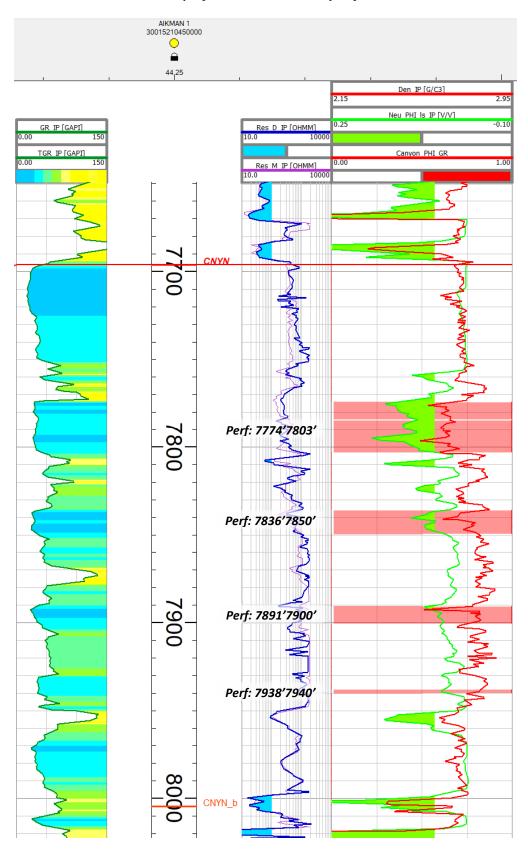
C-108 ITEM X – LOGS and AVAILABLE TEST DATA

A Log Strip from the Subject Well is Attached, Annotated Canyon Injection Intervals.

Log strip follows...

C-108 ITEM X – LOGS and AVAILABLE TEST DATA

Log Strip from the Subject Well with selected perf intervals in the Canyon formation.



C-108 ITEM VII – PROPOSED OPERATION

The Aikman SWD State #1 will be operated as a private disposal well to service Spur Energy Partners area operations. Source and disposal zone formation waters are compatible (*representative analyses of several zones are included herein*).

Note: This C-108 application is to RECOMPLETE the previous authorization by OCD Order SWD-417 (originally permitted by Nearburg Producing Company) which allowed for disposal into the Devonian formation. NM State Land Office personnel requested that due to past seismic activity in the region, Spur Energy Partners recomplete the SWD to a shallower horizon.

Spur Energy Partners has acquired hundreds of wells since 2019. As all operations and assets have effectively been evaluated, Spur Energy Partners believes retention of this SWD asset will protect the environment and prevent waste as described below.

<u>The cost to dispose of produced water via trucking has become cost prohibitive</u> <u>and if continued, would certainly reduce lease economics and create waste by</u> <u>unnecessary trucking costs including fuel</u>. The average daily rate of this SWD would eliminate approximately three dozen transport truck trips per day. Reinstating the well to lease disposal will allow the operator to maintain sufficient in-house disposal volume and continue economic viability for their operated wells in the area. The well will not be open for commercial disposal from other operators' leases.

The system will be closed utilizing a small tank battery and injection pump facility on site with flowlines from the serviced wells. The tanks and associated equipment are inside an appropriate lined berm area to contain 150% of the largest tank volume.

Injection pressure will be 1554 psi (0.2 psi/ft) with and maximum rate of 5000 bwpd. Average daily rate is expected to be 2500 bwpd or less.

Routine maintenance will be ongoing, and any releases will be reported within 24 hours to OCD on form C-141 pursuant to various portions of 19.15.29 and 30 NMAC. Remediation would commence immediately upon assessment and planning to include all required documentation and reporting.

The facility will not be manned but will be available for inspections at any time deemed necessary by OCD.

C-108 ITEM VII – PRODUCED WATER ANAYLSES

Item VII.4 – Water Analysis of Source Zone Water

Glorieta/ Yeso Bone Spring

Item VII.5 – Water Analysis of Disposal Zone Water

Cisco/ Canyon

Water Analyses follow this page.

SOURCE ZONE

GLO/YESO

)/YI	ESO								Lab ID		
API	No	300152	4754						Sampl	e ID	1146
We	ll Name	PLATT	PA				009		Sample	e No	
	Location	ULSTR	26	18	S	26	Е	Lat / Long 32.7121	6 -104	4.35742	
			330	S	99	90	W		County	Eddy	
	Operator	(when s	ample	d)	Yate	es Pe	troleum	Corp.			
			Fie	ld	ATC	OKA			Unit M		
	San	nple Date	Э		8/4/	1984		Analysis Date			
			Sa	mple \$	Source	e Wel	lhead	Dep	th (if known)		
			Wa	iter Ty	/p	Proc	duced W				
	ph						7.5	alkalinity_as_cac	:o3_mgL		
	ph_ter	np_F						hardness_as_ca	co3_mgL		
	specifi	cgravity						hardness_mgL		1800	
	specifi	cgravity_	temp_	F				resistivity_ohm_c	cm		
	tds_m	gL					120382	resistivity_ohm_c	cm_temp_		
	tds_m	gL_180C	;					conductivity			
	chlorid	le_mgL					113000	conductivity_tem	p_F		
	sodiun	n_mgL					71415	carbonate_mgL		0	
	calciur	m_mgL					2560	bicarbonate_mgL	-	476	
	iron_m	ıgL					0	sulfate_mgL		2001	
	barium	ı_mgL						hydroxide_mgL			
	magne	esium_m	gL				0	h2s_mgL		0	
	potass	ium_mg	L					co2_mgL			
	stronti	um_mgL						o2_mgL			
	manga	nese_m	gL					anionremarks			
Rer	narks										

(Produced water data courtesy of NMT Octane NM WAIDS database.)



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SOURCE ZONE

Lab ID

GLO/YESO

API No	3001524	619					Sample ID	1207
Well Name	PLATT F					300	Sample No	
Location	ULSTR	26	18	s	26	Е	Lat / Long 32.71245 -104.35329	
	4	30	S	22	260	W	County Eddy	
Operator	(when sa	mpleo	d)	Yat	es Pe	troleum	Corporation	
	•	Fiel	d		ЭКА		Unit N	
San	nple Date			1/19	/1985		Analysis Date	
						head	Depth (if known)	
		wat	ter Ty	р	Pro	duced W	ater	
ph						6	alkalinity_as_caco3_mgL	
ph_ter	mp_F						hardness_as_caco3_mgL	
specifi	icgravity						hardness_mgL 11500	
specifi	icgravity_t	emp_F	=				resistivity_ohm_cm	
tds_m	gL					136324	resistivity_ohm_cm_temp_	
tds_m	gL_180C						conductivity	
chloric	le_mgL					121000	conductivity_temp_F	
sodiur	m_mgL					61571	carbonate_mgL	
calciur	m_mgL					4160	bicarbonate_mgL 104	
iron_m	ıgL					0	sulfate_mgL 3720	
bariun	n_mgL						hydroxide_mgL	
magne	esium_mg	L				7340	h2s_mgL	
potass	sium_mgL						co2_mgL	
stronti	um_mgL						o2_mgL	
manga	anese_mg	L					anionremarks	
Remarks								

(Produced water data courtesy of NMT Octane NM WAIDS database.)



SOURCE ZONE

Lab ID

BONE SPRING

API No	3001520)225									Sample	e ID	5847
Well Name	BIG EDI		ΙТ			0	12				Sample	No	
Location	ULSTR	21	20	S	31	Е		Lat / I	Lona	32.56399	-103	3.87994	
		560	N		60	W			5		County	Eddy	
Operator	(when e	mala	4)	N//				~			·		
Operator	(when sa	Fiel	-		G EDI		JOWFAN	T			Unit D		
San	nple Date				7/1999		Ana	lysis Dat	te	8/	31/1999		
		Sar	nple \$	Sourc	ce					Depth (if known)		
		Wa	ter Ty	/p									
ph						5	.2	a	Ikalinit	y_as_caco3_	_mgL		
ph_ter	np_F							ha	ardnes	s_as_caco3	_mgL		
specifi	icgravity					1.12	25	ha	ardnes	s_mgL			
specifi	icgravity_	temp_l	F					re	esistivi	ty_ohm_cm			
tds_m	gL					18169	97	re	esistivi	ty_ohm_cm_	temp_		
tds_m	gL_180C							С	onduct	ivity			
chlorid	le_mgL					12375	50	С	onduct	ivity_temp_F	-		
sodiun	n_mgL					73895	.6	Ca	arbona	ite_mgL			
calciur	m_mgL					562	25	bi	icarbo	nate_mgL		13.725	
iron_m	ıgL					337	.5	รเ	ulfate_	mgL		787.5	
barium	ı_mgL							h	ydroxid	le_mgL			
magne	esium_mg	уL						h	2s_mg	IL		0	
potass	sium_mgL	-						CO	o2_mg	ıL			
stronti	um_mgL							oź	2_mgL				
manga	anese_mo	зL						a	nionre	marks			
Remarks													

(Produced water data courtesy of NMT Octane NM WAIDS database.)



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DISPOSAL ZONE

CIS

Operator	3001526 JOHN A ULSTR (when sa nple Date	GU 14 660		S 24 660 DAGG 5/13/200	E ER DRA	Lat / L	-	32.57883	Lab ID Sample Sample -104 County Unit A		5945
		Sar	nple S	ource				Depth (it	f known)		
		Wa	ter Ty	р							
ph					6.	al	kalinity	/_as_caco3_r	ngL		
ph_ter	mp_F					ha	ardnes	s_as_caco3_	mgL		
specif	icgravity				1.0	5 ha	ardnes	s_mgL			
specif	icgravity_t	emp_F	-			re	sistivi	ty_ohm_cm			
tds_m	gL				216236	i re	sistivi	ty_ohm_cm_t	emp_		
tds_m	gL_180C					CC	onduct	ivity			
chloric	le_mgL				5332	cc	onduct	ivity_temp_F			
sodiur	n_mgL					Ca	arbona	ite_mgL			
calciur	n_mgL				457	bi bi	carbor	nate_mgL		72619	
iron_n	ngL				100) SL	ulfate_	mgL		952	
barium	n_mgL				1) hy	/droxic	de_mgL			
magne	esium_mgl	-			46	s h2	2s_mg	L		0	
potass	sium_mgL					cc	52_mg	ιL			
stronti	um_mgL					02	2_mgL	-			
manga	anese_mgl	L				ar	nionrer	marks			
Remarks											

(Produced water data courtesy of NMT Octane NM WAIDS database.)



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C-108 - Item VIII

Geological Data

The [Pennsylvanian] Canyon formation consists of similarly mediumgrained carbonates, primarily dolomite and porous and permeable sandstone interbedded with shale and is generally 150 to 200 feet in thickness. The reservoirs in this area are usually limited in size with up dip porosity loss due to shelf margin carbonate build up. The upper portion becomes very shaley and is not proposed for injection.

The combined zones offer some good porosity in the proposed injection interval located from 7774 feet to 7940 feet with some very good porosity interspersed throughout the overall interval.

The [Pennsylvanian] Canyon is overlain by the Wolfcamp and underlain by the Strawn and Atoka.

Fresh water in the area is generally available from the karstic San Andres limestone formation which is a prime example of an artesian recharged aquifer. Based on State Engineer's records for water wells in Sections 22-35, Twp 19S, Rng 25E, groundwater is found from 60 feet to 220 feet, average depth 136 feet.

OSE records indicated 1 water well (from the 1950's) located within one mile of the proposed SWD however, a foot search conducted by Spur Energy Partners field personnel could find no evidence of the well. (A certified statement is included in later the application with other fresh water exhibits.)

C-108 ITEM XII – GEOLOGIC AFFIRMATION

We have examined available geologic and engineering data and have found no evidence of open faults or other hydrologic connection between the disposal interval and any underground sources of drinking water.

na

Ben Stone, Partner SOS Consulting, LLC

Project: Spur Energy Partners, LLC Aikman SWD State #1 Reviewed 11/20/2022

C-108 Item XI

Water Wells Within One Mile

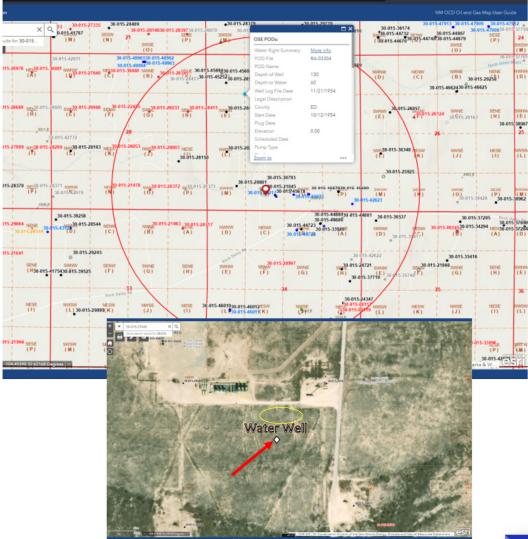
Aikman SWD State #1 - Water Well Locator Map

As displayed in OCD's GIS Map, NM State Engineer's and USGS records indicate 1 water well located approximately within one mile of the proposed SWD.

This information was sent to Spur's field personnel to locate and sample the well. They were unable to locate the well and a certified statement to that effect follows this page.

Aikman Area of Review – Water Well

Need to sample and analyze water for SWD application.



Note: If this well cannot be found, please document effort w/ description and pictures.



C-108 - Item XI

Water Wells Within One Mile

AFFIRMATIVE STATEMENT

State Engineer's records indicate there is one water well within the area of review as shown on the map that follows. The water well indicated, which should have been located in the northwest quarter of Section 27, could not be found.

On December 1, 2022, Mr. Hilario Jimenez with Spur Energy Partners conducted a foot search of the area identified by latitude/ longitude and aerial photos. His statement is as follows: "On December 1, 2022, 8:00am, I Hilario Jimenez, am with Spur Energy Partners (SWD Tech). I walked the area for 30 minutes based on lat/long coordinates and referencing aerial. I found nothing around which would indicate or traces of evidence of anything. All the area has growth of field grass and vegetation no evidence of well in question".

This information was relayed to me by Mr. Hunter Spragg, also with Spur and a supervisor of Mr. Jimenez, via email on 12/01/2022. Photos of the area taken by Mr. Jimenez during his search for the water well are shown below and on the next page.

I hereby certify that I, and Spur Energy Partners, believe a good faith effort was made to locate the subject water well – the intent was to gather a sample for analysis or to document the effort.

Ben Stone, Partner SOS Consulting, LLC Agent for Spur Energy Partners, LLC

December I, 2022



Aikman AOR Water Well

Photos of Search Area December 1, 2022











Primary Status:PMSecondary Status:LOPerson Assigned:***Applicant:S. V	G We ****	l Log Received	
× Events			
Date 08/13/1954	Туре АРР	DescriptionCommentApplication Received	Processed By ******
09/02/1954	FIN	Final Action on application	****
09/02/1954	WAP	General Approval Letter	*****
11/22/1954	LOG	Well Log Received	*****
Change To: WR File Nbr RA 03304	Acr		2-12-1 DOMESTIC ONE
** Point of Diversio RA 03304 *An (*) after por		549081 3610973* 🌍	
Conditions 4 Use shall be l exceed one ac) household, non-commercial trees, lawn and stock use.	d garden not to
× Action of the State Eng	jineer		

Approval Code:A - ApproveAction Date:09/02/1954Log Due Date:09/30/1955State Engineer:

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.

11/30/22 2:22 PM

TRANSACTION SUMMARY



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 replace O=orphaned C=the file is closed)	d, , (qua						IE 3=SW largest)	,	3 UTM in meters)		(In feet	:)
POD Number	POD Sub- Code basin	County		Q 16		Sec	Tws	Rng	x	Y	-	-	Water Column
RA 02909	RA	ED				22	19S	25E	548864	3611989* 🌍	188	130	58
RA 02958	RA	ED		1	4	34	19S	25E	549681	3608740* 🌍	450		
RA 03018	RA	ED	3	2	4	34	19S	25E	549987	3608639* 🌍	530		
RA 03304 (Not Four	d) RA	ED			1	27	19S	25E	549081	3610973* 🌍	130	60	70
RA 08986	RA	ED	1	3	3	22	19S	25E	548825	3611507 🌍	320	220	100
										Average Depth to Water: Minimum Depth:		136 f	eet
												60 f	eet
										Maximum Depth:		220 f	eet
Record Count: 5													

PLSS Search:

Section(s): 22, 26, 27, 28, 33, 34, 35

27, 28, **Township:** 19S

Range: 25E

*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.

C-108 ITEM XIII – PROOF OF NOTIFICATION

IDENTIFICATION AND NOTIFICATION OF AFFECTED PARTIES

Exhibits for Section

Affected Parties Map

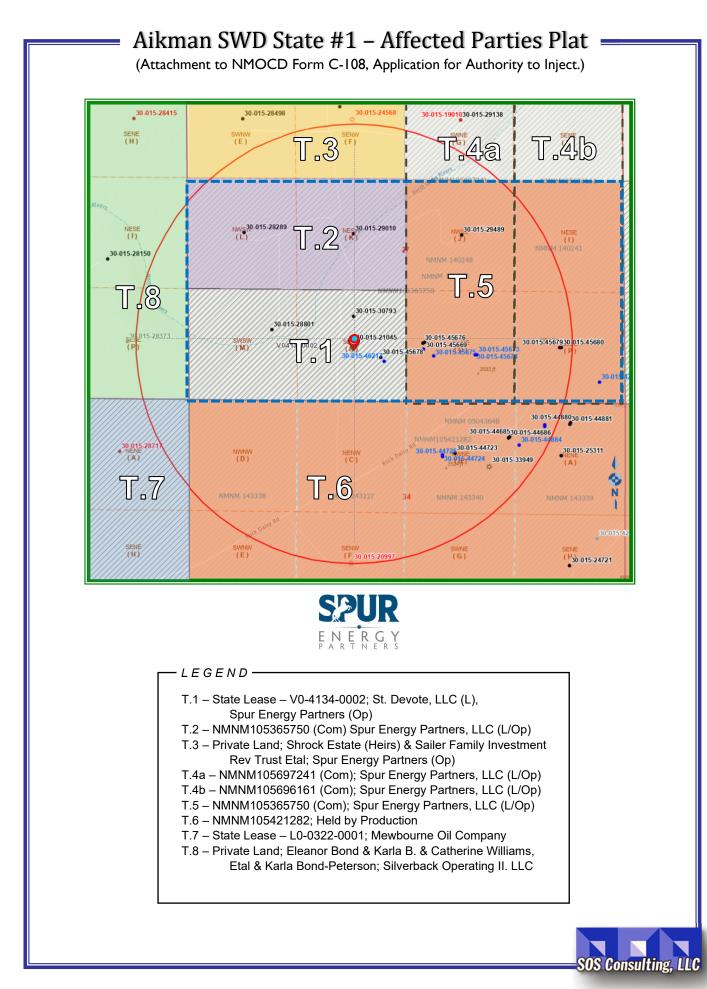
List of Affected Parties

Notification Letter to Affected Parties

Proof of Certified Mailing

Proof of Return Receipts

Affidavit Published Legal Notice



C-108 ITEM XIII – PROOF OF NOTIFICATION AFFECTED PARTIES LIST

ALL AFFECTED PARTIES ARE PROVIDED A NOTICE LETTER VIA US CERTIFIED MAIL AND LINKS TO DOWNLOAD A PDF COPY OF THE SUBJECT C-108 APPLICATION OR EMAIL REQUEST.

"AFFECTED PERSON" MEANS THE DIVISION DESIGNATED OPERATOR; IN THE ABSENCE OF AN OPERATOR, A LESSEE WHOSE INTEREST IS EVIDENCE BY A WRITTEN CONVEYANCE DOCUMENT EITHER OF RECORD OR KNOWN TO THE APPLICANT AS OF THE DATE THE APPLICANT FILES THE APPLICATION; OR IN THE ABSENCE OF AN OPERATOR OR LESSEE, A MINERAL INTEREST OWNER WHOSE INTEREST IS EVIDENCED BY A WRITTEN CONVEYANCE DOCUMENT EITHER OF RECORD OR KNOWN TO THE APPLICANT AS OF THE DATE THE APPLICANT FILED THE APPLICATION FOR PERMIT TO INJECT.; PER OCD RULES NMAC 19.15.26.7, A. AND 19.15.26.8, B.2.

SURFACE OWNER

1 STATE OF NEW MEXICO Oil, Gas and Minerals Division 310 Old Santa Fe Trail Santa Fe, NM 87504 Certified: 7018 2290 0001 2038 7626

OFFSET OPERATORS (All Notified via USPS Certified Mail)

State Lease V0-4134-0002 (T.1 on Map)

Lessee & Operator SPUR ENERGY PARTNERS, LLC (Applicant) 9655 Katy Freeway, Ste.500 Houston, Texas 77024

BLM Com Leases (T.1, T.2, T.4, T.5 and T.6 (HBP) on Map) Lessee & Operator

SPUR ENERGY PARTNERS, LLC (Applicant) 9655 Katy Freeway, Ste.500 Houston, Texas 77024

Private Land (T.3 on Map)

Land Owner Shrock Estate (Heirs) & Sailer Family Investment Rev Trust Etal 5155 W. Quincy Ave. Denver,CO 80236 Lessee & Operator SPUR ENERGY PARTNERS, LLC (Applicant) 9655 Katy Freeway, Ste.500

Houston, Texas 77024

State Lease L0-0322-0001 (T.7 on Map)

Lessee & Operator

MEWBOURNE OIL COMPANY P.O. Box 5270 Hobbs, NM 88241 Certified: 7018 2290 0001 2038 7633

2

3

C-108 ITEM XIII – PROOF OF NOTIFICATION AFFECTED PARTIES LIST (cont.)

Private Land (T.8 on Map)

Land Owner Eleanor Bond & Karla B. & Catherine Williams Etal & Karla Bond-Peterson 2651 Sierra Bermeja Dr. Seerra Vista, AZ 85650 Lessee & Operator SILVERBACK OPERATING II, LLC IH10 West, Suite 201 San Antonio, TX 78257 Certified: 7018 2290 0001 2038 7640

OFFSET MINERALS OWNERS (Notified via USPS Certified Mail)

 U.S. DEPARTMENT OF INTERIOR Bureau of Land Management Oil & Gas Division
 620 E. Greene St. Carlsbad, NM 88220 Certified: 7018 2290 0001 2038 7657

REGULATORY

NEW MEXICO OIL CONSERVATION DIVISION 1220 S. St. Francis Dr. Santa Fe, NM 87505 NEW MEXICO OIL CONSERVATION DIVISION 811 South First St. Artesia, NM 88210

FILED VIA OCD ONLINE E-PERMITTING

SPUR AIKMAN https://www.dropbox.com/scl/fo/brmq2c5onv4hrg3o 9ns9l/h?dl=0&rlkey=6585plv5n4xjqqdscfer32m0p

USPS Certified Tracking: Certified: 7018 2290 0001 2038 7626 7018 2290 0001 2038 7633 7018 2290 0001 2038 7640 7018 2290 0001 2038 7657



Oil & Gas Accounting - Regulatory Processing Assistance - Oil Field Technical Assistance

December 15, 2022

SOS Consulting, LLC

NOTIFICATION TO INTERESTED PARTIES via U.S. Certified Mail – Return Receipt Requested

To Whom It May Concern:

Spur Energy Partners, Houston, Texas, has made application to the New Mexico Oil Conservation Division to <u>recomplete</u> its Aikman State #1 SWD. The currently authorized SWD will be recompleted from the Devonian to the Canyon formation and will remain for private water disposal from Spur's area operations. As indicated in the notice below, the well is located in Section 27, Township 19 South, Range 25 East in Eddy County, New Mexico.

The published notice states that the interval will be from 7,774 feet to 7,940 feet into the Canyon formation.

Following is the notice published in the Artesia Daily Press, Artesia, New Mexico on or about December 8, 2022.

LEGAL NOTICE

Spur Energy Partners, LLC, 9655 Katy Freeway, Ste.500, Houston, TX 77024, is filing Form C-108 (Application for Authority to Inject) with the New Mexico Oil Conservation Division seeking administrative approval to RECOMPLETE a salt water disposal well. The Aikman SWD State No.1 (API No.30-015-21045) is located 660 feet from the South line and 1980 feet from the west line (Unit N) of Section 27, Township 19 South, Range 25 East, NMPM, Eddy County, New Mexico. Currently completed as a Devonian SWD, the proposal is to recomplete uphole. Produced water from Spur's area production will be privately disposed (not open to commercial disposal) into the [Pennsylvanian] Cisco/ Canyon formations between 7774' to 7940' at a maximum surface pressure of 1554 psi, maximum daily rate of 5000 bwpd and an average rate of 2500 bwpd. The subject SWD well is located approximately 13.0 miles south/southwest of Artesia, NM.

Interested parties wishing to object to the proposed application must file with the New Mexico Oil Conservation Division, 1220 St. Francis Dr., Santa Fe, NM 87505, (505)476-3460 within 15 days of the date of this notice. Additional information may be obtained from the applicant's agent, SOS Consulting, LLC, (936)377-5696 or, email info@sosconsulting.us.

You have been identified as a party who may be interested as an offset lessee or operator.

<u>You are entitled to a full copy of the application</u>. You may call or email SOS Consulting or, the PDF can be downloaded using the link: <u>https://www.dropbox.com/scl/fo/brmq2c5onv4hrg3o9ns9l/h?</u> dl=0&rlkey=6585plv5n4xjggdscfer32m0p

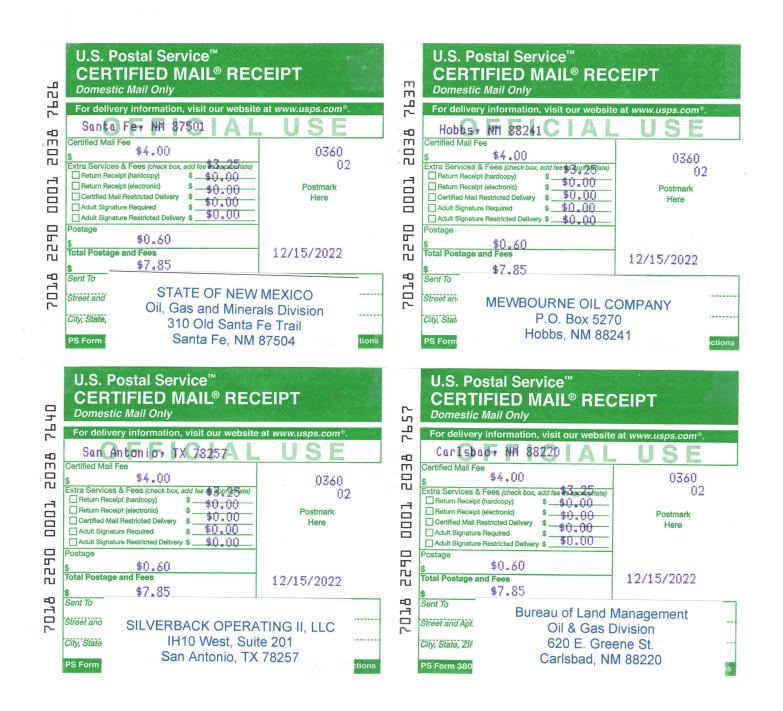
Thank you for your attention in this matter.

Best regards,

Ben Stone, SOS Consulting, LLC Agent for Spur Energy Partners, LLC Cc: Application File

C-108 - Item XIV

Proof of Notice (Certified Mail Receipts)



Affidavit of Publication No. 26373
of the of New Mexico
being duly syorm sayes that he is the Publisher
<i>l</i> tesia Dai
60 Mulation, published in English at Artesia, said county
550 state, and that the hereto attached
Legal Ad
13:3 published in a regular and entire issue of the said
esia Daily Press, a daily newspaper duly qualified
that purpose within the meaning of Chapter 167 of
the 1937 Session Laws of the state of New Mexico for
1 Consecutive weeks/day on the same
day as follows:
First Publication December 8, 2022
Second Publication
Third Publication
Fourth Publication
Fifth Publication
Sixth Publication
Seventh Publication
Subscribed and sworn before me this
8th day of December 2022
STATE OF NEW MEX NOTARY PUBLIC Latisha Romine mmission Number 107
My Commission Expires May 12, 2023
LATTA ROMING
aticha Romine
atisha Komine

Copy of Publication:

Spur Energy Partners, LLC, 9655 Katy Freeway, Ste.500, Houston, TX 77024, is filing Form C-108 (Application for Authority to Inject) with the New Mexico Oil Conservation Division seeking admin-istrative approval to RECOMPLETE a salt water disposal well. The Aikman SWD State No.1 (API No.30-015-21045) is located 660 feet from the South surface pressure of 1554 psi, maximum daily rate of 5000 bwpd and an average rate of 2500 bwpd. The subject SWD well is located approximately 13.0 miles south/southwest of Artesia, NM. line and 1980 feet from the west line (Unit N) of Section 27, Township 19 South, Range 25 East, NMPM, Eddy County, New Mexico. Currently completed as a Devonian SWD, the proposal is to recomplete uphole. Produced water from Spur's area production will be privately disposed (not open to commercial disposal) into the [Pennsylvanian] Cisco/ Canyon formations between 7774⁴ to 7940⁴ at a maximum Legal Notice

Interested parties wishing to object to the proposed application must file with the New Mexico Oil Conservation Division, 1220 St. Francis Dr., Santa Fe, NM 87505, 5505)476-3460 within 15 days of the date of this fotice. Additional information may be obtained from the applicant's agent, SOS Consulting. LLC, (936)377-5696 or, email info@sosconsulting. us.

Published in the Artesia Daily Press, Artesia, N.M., Dec. 8, 2022 Legal No. 26373.

Notary Public, Eddy County, New Mexico

Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
NEW MEXICO ENERGY MINERALS & NATURAL RESOURCE	264235
1220 S St Francis Dr	Action Number:
Santa Fe , NM 87504	426232
	Action Type:
	[IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

CONDITIONS

Created By	Condition	Condition Date
pgoetze	None	1/29/2025

Page 35 of 35