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AE Order Number Banner

Application Number: pMSG2431847650

SWD-2633

MEWBOURNE OIL CO [14744]

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MEWBOURNE
OIL COMPANY

November 8, 2024

Engineering and Geological Services Bureau, Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
Attn: Mr. Phillip Goetze

Re: Amendment to UIC Permit SWD-2525
Big Gulps Fed SWD #1
1670' FNL & 1650'FEL
Unit Letter G, Section 4, Township 18 South, Range 29 East, N.M.P.M.
Eddy County, New Mexico

Dear Mr. Goetze,

Attached is a C-108 Application for administrative approval to amend Mewbourne Oil Company's UIC Permit SWD-2525 to include the existing Cisco perforations in the injection interval located in Sec. 4, T18S, R29E, N.M.P.M., Eddy County, New Mexico.

A copy of the Application has been furnished by mail to the surface owner and each leasehold operator within one-half mile of the Big Gulps Fed SWD #1 and the Legal Notice was published in the Artesia Daily Press on November 7, 2024. The confirmations of receipt and notarized affidavit of publication are included in the Application.

Should you have any questions, please contact us at (903)-534-7647.

Sincerely yours,

MEWBOURNE OIL COMPANY

Timothy R. Harrington

Tim Harrington
Sr. Reservoir Engineer
tharrington@mewbourne.com

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BIG GULPS FED SWD #1

Mewbourne Oil Company
3620 Old Bullard Road
Tyler, Texas 75701

TABLE OF CONTENTS

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Revised March 23, 2017

RECEIVED:	REVIEWER:	TYPE:	APP NO:

ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Geological & 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

Applicant: Mewbourne Oil Company **OGRID Number:** 14744
Well Name: Big Gulps Fed SWD #1 **API:** 30-015-30723
Pool: SWD;CISCO **Pool Code:** 96099

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

1) **TYPE OF APPLICATION:** Check those which apply for [A]
A. Location – Spacing Unit – Simultaneous Dedication
☐ NSL ☐ NSP (PROJECT AREA) ☐ NSP (PRORATION UNIT) ☐ SD

B. Check one only for [I] or [II]
[I] Commingling – Storage – Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
[II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery
☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR

FOR OCD ONLY
☐ Notice Complete
☐ Application Content Complete

2) **NOTIFICATION REQUIRED TO:** Check those which apply.
A. ☒ Offset operators or lease holders
B. ☐ Royalty, overriding royalty owners, revenue owners
C. ☒ Application requires published notice
D. ☒ Notification and/or concurrent approval by SLO
E. ☒ Notification and/or concurrent approval by BLM
F. ☒ Surface owner
G. ☒ For all of the above, proof of notification or publication is attached, and/or,
H. ☐ No notice required

3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

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

10/31/2024
Date

Grady Smith
Print or Type Name

(903) 534-7664
Phone Number

Signature

gsmith@mewbourne.com
e-mail Address

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DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-30723		

Property Code	Property Name	Well Number
24932	Loco Hills 4 Fed Com	1

OGRID No.	Operator Name	Elevation
025773	Dominion Oklahoma Texas E&P, Inc.	3532'

Surface Location

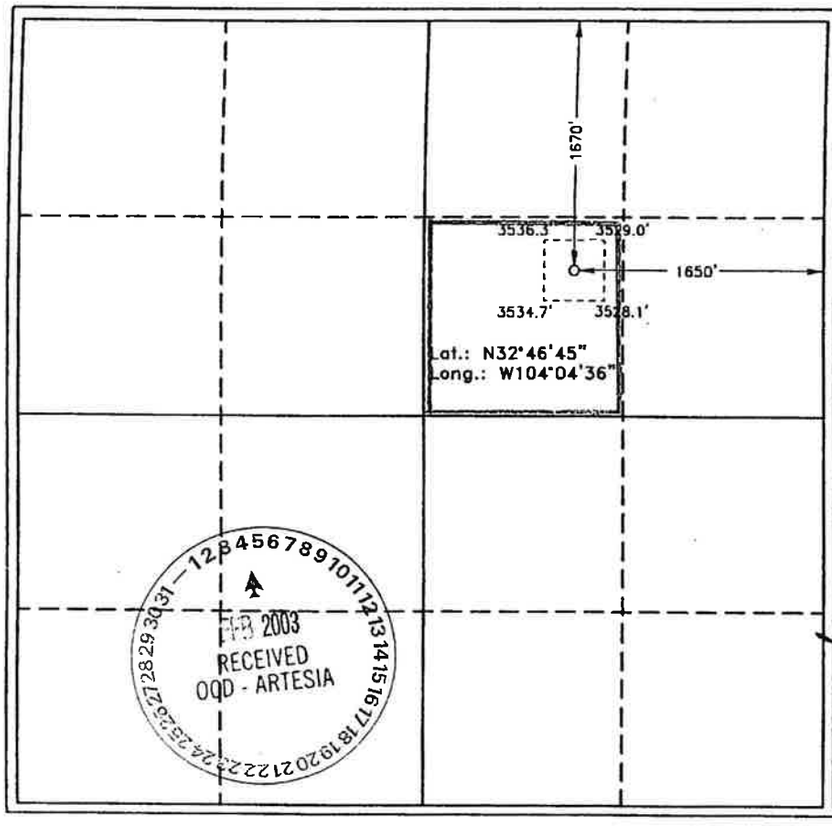
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	4	18 S	29 E		1670	North	1650	East	Eddy

Bottom Hole Location If Different From Surface

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

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40	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



OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

Carla Christian
Signature

Carla Christian
Printed Name

Regulatory Specialist
Title

February 3, 2003
Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief.

June 24, 1999
Date Surveyed GARY L. JONES

Signature & Seal of Professional Surveyor
NEW MEXICO 7977 REGISTERED PROFESSIONAL LAND SURVEYOR

W.O. No. 9228d

Certificate No. 7977

BASIN SURVEYS

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LISTING OF TABLES, FIGURES, AND EXHIBITS

Page 6 of 39

Released to Imaging: 11/13/2024 1:21:43 PM
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STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: _____Secondary Recovery _____Pressure Maintenance __X__Disposal _____Storage
Application qualifies for administrative approval? _____Yes _____No

II. OPERATOR: Mewbourne Oil Company

ADDRESS: 3620 Old Bullard Road, Tyler, Texas 75701

CONTACT PARTY: Grady Smith PHONE: (903) 534-7664

III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? _____Yes __X__No
If yes, give the Division order number authorizing the project: _____

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

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).

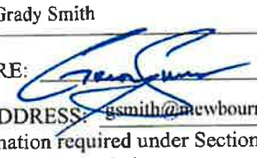
*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

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: Grady Smith TITLE: Petroleum Engineer

SIGNATURE:  DATE: 10/31/2024

E-MAIL ADDRESS: gsmith@mewbourne.com

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

DISTRIBUTION: File Electronically Via OCD Permitting

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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.

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Mewbourne Oil Company
3620 Old Bullard Road
Tyler, Texas 75701

APPLICATION FOR AUTHORIZATION TO INJECT (ADDITIONAL DETAILS)

III. WELL DATA

A. (1) **General Information**

API No.: 30-015-30723
Lease Name: Big Gulps Fed SWD
Well No.: #1
ULSTR Locations: Unit Letter G, Section 4, T18 South, R 29 East, N.M.P.M
Footage Locations: 1670' FNL & 1650' FEL

(2) **Casing Detail**; Proposed and current wellbore schematics (see fig. 1)

Hole Section	*Hole Size*	*TD*	*Casing Size/Weight/Grade*	*Set Depth*	*Sks Cmt.*	*Circulated*	*TOC*	*Method*
Surface	17 1/2"	435	13 3/8" 54.5# J-55 ST&C	435	550 "C"	Y (1" Job)	Surface	CIRC.
First Intermediate	11"	3,000	8 5/8" 32# J-55 ST&C	3,000	900 "C"	Y	Surface	CIRC.
Second Intermediate	7 7/8"	9,777	7" 32# P-110 A/B-FL4S	9,777	970 "C"	N	2000	CBL
Production	6"	11,186	4 1/2" 11.6# P-110 LT&C	11,183	160 "H"	N	9642	Calculated

(3) **Injection Tubing Detail**

Size: 4 1/2"
Weight: 11.6#
Grade: P-110
Lining: Glass Reinforced Epoxy
Set Depth: +/- 9,000'

(4) **Packer Detail**

Size: 7" 32# x 2 7/8" 6.5#
Type: Model R
Trim: Inconel
Set Depth: +/- 9,000'

B. (1) **Injection Formation Detail**

Formation: Cisco
Pool ID: 96099
Pool Name: SWD;CISCO

(2) **Injection Interval Detail**

Interval: 9,054'-9,514'
Completion Type: Perforated

(3) **Original Purpose of Well**

Purpose: Gas

(4) **Perforated Production Interval Seal Detail**

Former Formation: Morrow
CIBP: 10,855'
Cement: 35' bail
Date:

Current Formation: "Penn Lime"
Interval: 9,054' – 9,091'
Cement: N/A

(5) **Overlying/Underlying Potentially Productive Oil or Gas Zones**

Overlying: San Andres (2,870')
Bone Spring (4,080')
Wolfcamp (7,640')

Underlying: Strawn (10,010')
Atoka (10,300')
Morrow (10,790')

V. WELLS AND LEASES MAPS

(1) A map detailing all wells and leases within two miles of the Big Gulps Fed SWD #1 with a one-half mile radius circle drawn around the Big Gulps Fed SWD #1 is included (see fig.2).

VI. WELL DATA WITHIN AREA OF REVIEW

(1) Tabular data on all wells of public record within the area of review which penetrate the proposed injection zone is included in table 1 as well as wellbore schematics of the plugged wells as (see fig. 3).

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VII. PROPOSED OPERATION

(1) **Injection Rate**
Maximum: 15,000 BWPD
Average: 12,000 BWPD

(2) **System Type**
Open/Closed: Closed

(3) **Surface Injection Pressure**
Maximum: 1,811 psi
Average: 1,000 psi

(4) **Injection Fluid**
Injection Formation: Cisco
Source Formation(s): Bone Spring (see table 2)

(5) **Injection in to Non Productive Zone**
Table 3 details the closest produced water analysis available on the USGS or NMT Databases.

VIII. GEOLOGIC DATA

(1) **Injection Zone**
Mewbourne's proposed injection interval (9,054' – 9,514') lies within the Cisco formation, a carbonate reservoir of the Upper Pennsylvanian system. The targeted interval is within a porous dolomitic reef facies (see fig. 4). The stratigraphically correlative formation has been used as an SWD in the area

Geologic Name: Cisco
Thickness: 460'
Depth: 9,054'

(2) **Fresh Water Source(s)**
Per revue of records made available by the NM Office of the State Engineer for Township 17S-18S, Range 29E:

Shallowest Well:	131'	Shallowest Water:	76'
Average Well:	230'	Average Water:	128'
Deepest Well:	320'	Deepest Water:	180'

There are no known sources of water <10,000 mg/L TDS underlying the injection zone.

IX. PROPOSED STIMULATION PROGRAM

(1) Run in hole with CCL/GR and perforating guns, correlate depth, perforate additional injection interval and pull out of hole. Stimulate well as follows:

Treatment Fluid: 15% NeFe HCl
Treatment Volume: 10,000 gals

X. LOGGING AND TEST DATA

(1) Well logs have previously been filed with the Division.

XI. FRESH WATER ANALYSIS

(1) Mewbourne could not locate any fresh water source within one mile of the Big Gulps Fed SWD #1. See fig. 5 and table 4 for surrounding NMOSE PODs and table 5 for the analysis of fresh water from the closest source located (RA 11807 POD1) and taken on 11/03/2022.

XII. FAULTING BETWEEN DISPOSAL ZONE AND UNDERGROUND SOURCES OF DRINKING WATER

(1) See Exhibit 1 for Seismicity Statement including a map depicting the nearest USGS recorded seismic event.

XIII. PROOF OF NOTICE

(1) Table 6 contains a list of all notified persons. See fig. 7 for proof of publication of the legal advertisement and fig. 8 for confirmations of receipt.

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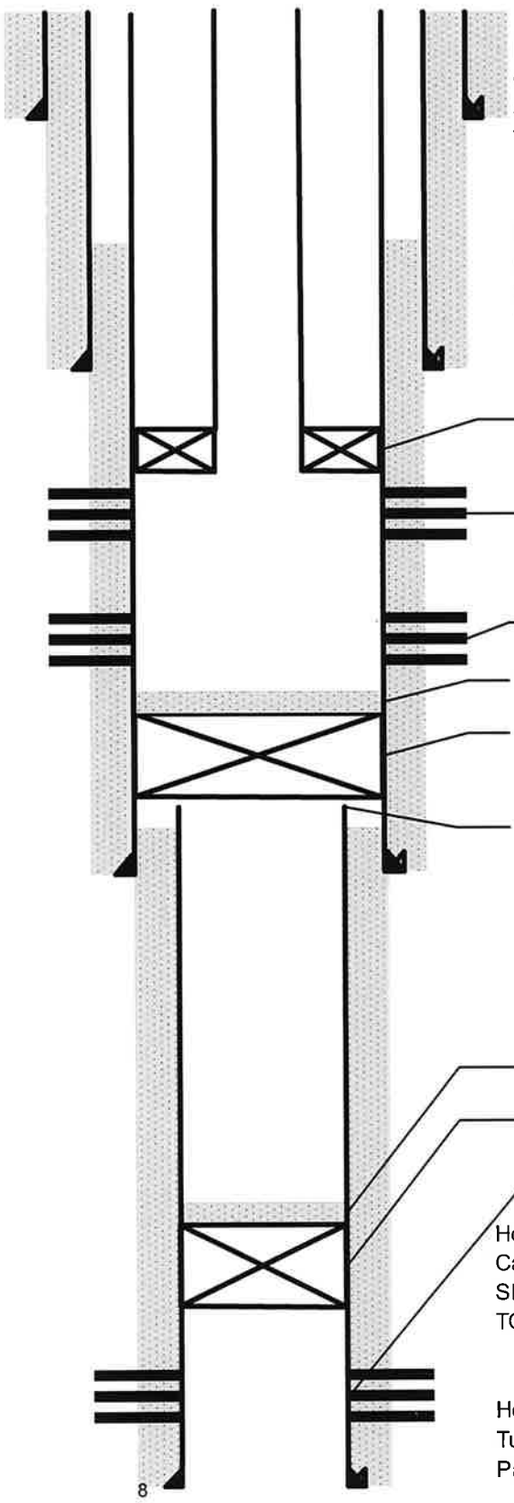
Figure 1.1

Proposed Big Gulps Fed SWD #1 Schematic

Well Name: Big Gulps Fed SWD #1 **Formerly:** Loco Hills 4 Fed Com #1 **API:** 30-015-30723

STR Location: Unit G, Sec. 4, T18S, R29E **Footage Location:** 1670' FNL & 1650' FEL

PROPOSED WELLBORE SCHEMATIC



Surface Casing

Hole Size:	17 1/2"	TD:	435
Casing Size/Weight/Grade:	13 3/8" 54.5# J-55 ST&C	Set Depth:	435
Sks Cmt:	550 "C"	Circulated:	Y (1" Job)
TOC:	Surface	Method:	CIRC.

First Intermediate Casing

Hole Size:	11"	TD:	3,000
Casing Size/Weight/Grade:	8 5/8" 32# J-55 ST&C	Set Depth:	3,000
Sks Cmt:	900 "C"	Circulated:	Y
TOC:	Surface	Method:	CIRC.

Second Intermediate Casing

Hole Size:	7 7/8"	TD:	9,777
Casing Size/Weight/Grade:	7" 32# P-110 A/B-FL4S	Set Depth:	9,777
Sks Cmt:	970 "C"	Circulated:	N
TOC:	2,000	Method:	CBL

Production Casing

Hole Size:	6"	TD:	11,186
Casing Size/Weight/Grade:	4 1/2" 11.6# P-110 LT&C	Set Depth:	11,183
Sks Cmt:	160 "H"	Circulated:	N
TOC:	9,642	Method:	Calculated

Production Tubing

Hole Size:	7" 32#	PBTD:	9,560
Tubing Size/Weight/Grade:	4 1/2" 11.6# P-110 GRE	Set Depth:	9,000
Packer:	Model R Nickel Plated	Pkr Depth:	9,000

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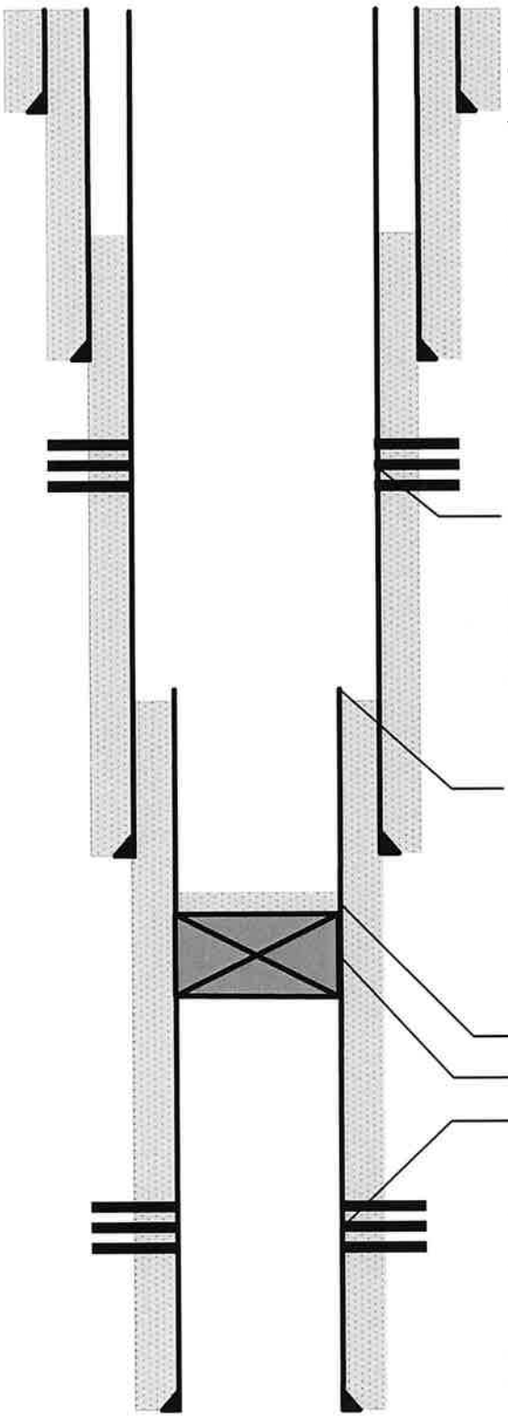
Figure 1.2

Current Big Gulps Fed SWD #1 Schematic

Well Name: Big Gulps Fed SWD #1 **Formerly:** Loco Hills 4 Fed Com #1 **API:** 30-015-30723

STR Location: Unit G, Sec. 4, T18S, R29E **Footage Location:** 1670' FNL & 1650' FEL

CURRENT WELLBORE SCHEMATIC



Surface Casing

Hole Size:	17 1/2"	TD:	435
Casing Size/Weight/Grade:	13 3/8" 54.5# J-55 ST&C	Set Depth:	435
Sks Cmt:	550 "C"	Circulated:	Y (1" Job)
TOC:	Surface	Method:	CIRC.

First Intermediate Casing

Hole Size:	11"	TD:	3,000
Casing Size/Weight/Grade:	8 5/8" 32# J-55 ST&C	Set Depth:	3,000
Sks Cmt:	900 "C"	Circulated:	Y
TOC:	Surface	Method:	CIRC.

Second Intermediate Casing

Hole Size:	7 7/8"	TD:	9,777
Casing Size/Weight/Grade:	7" 32# P-110 A/B-FL4S	Set Depth:	9,777
Sks Cmt:	970 "C"	Circulated:	N
TOC:	2,000	Method:	CBL

Production Casing

Hole Size:	6"	TD:	11,186
Casing Size/Weight/Grade:	4 1/2" 11.6# P-110 LT&C	Set Depth:	11,183
Sks Cmt:	160 "H"	Circulated:	N
TOC:	9,642	Method:	Calculated

Production Tubing

Hole Size:	7" 32# x 4 1/2" 11.6#	PBTD:	10,855
Tubing Size/Weight/Grade:	2 3/8" 4.7# P-110 PH-6	Set Depth:	8,880
Packer:	N/A	Pkr Depth:	N/A

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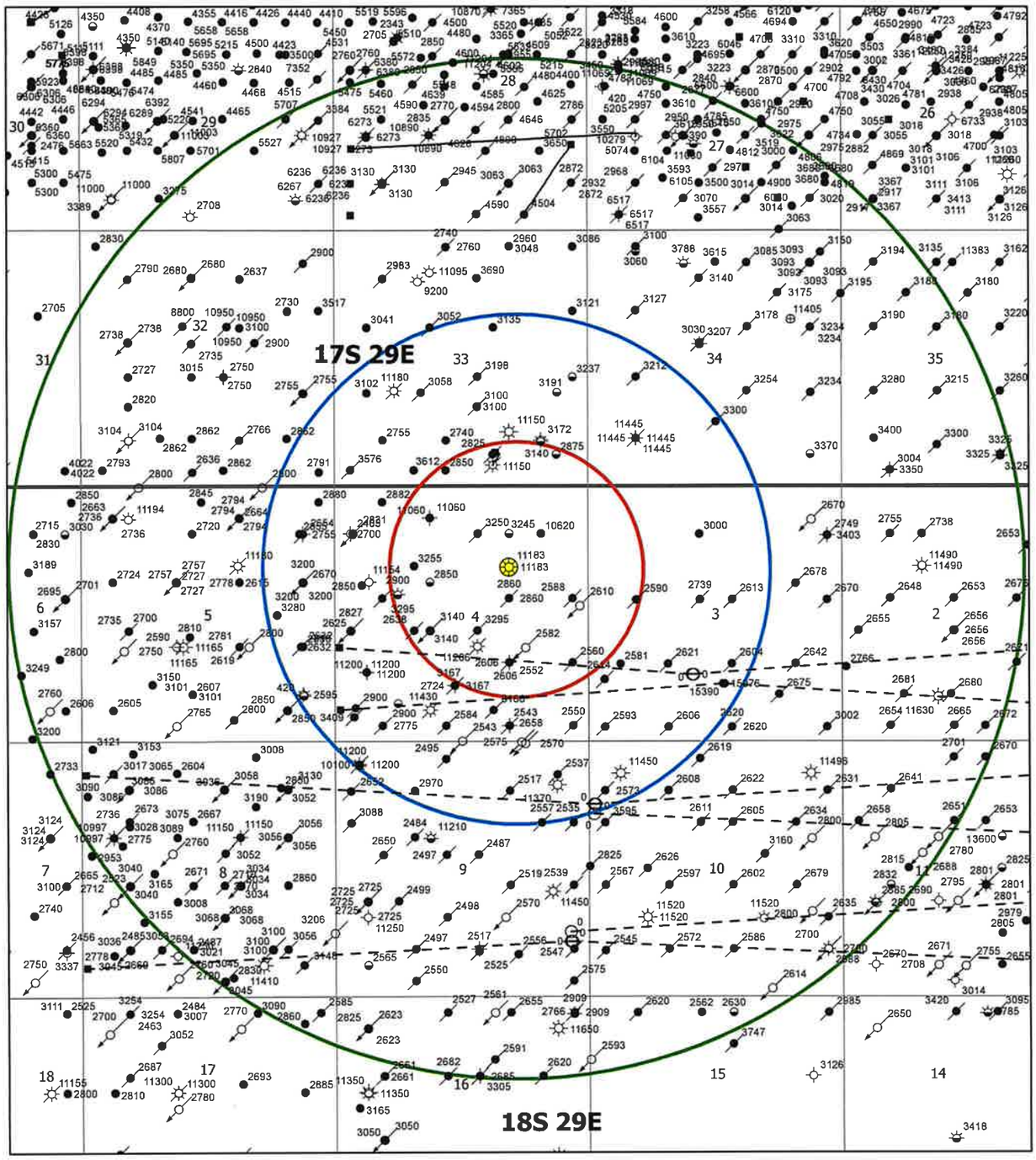
Figure 2.1
Wells



Mewbourne Oil Company

BIG GULPS FED SWD #1
18S 29E – 4
EDDY COUNTY NM

Author:		Date:
T. Harrington		4 November, 2022
sd		Big Gulps Fed SWD #1 All Wells map

Page 13 of 39

Released to Imaging: 11/13/2024 1:21:43 PM

Figure 2.2

Leases

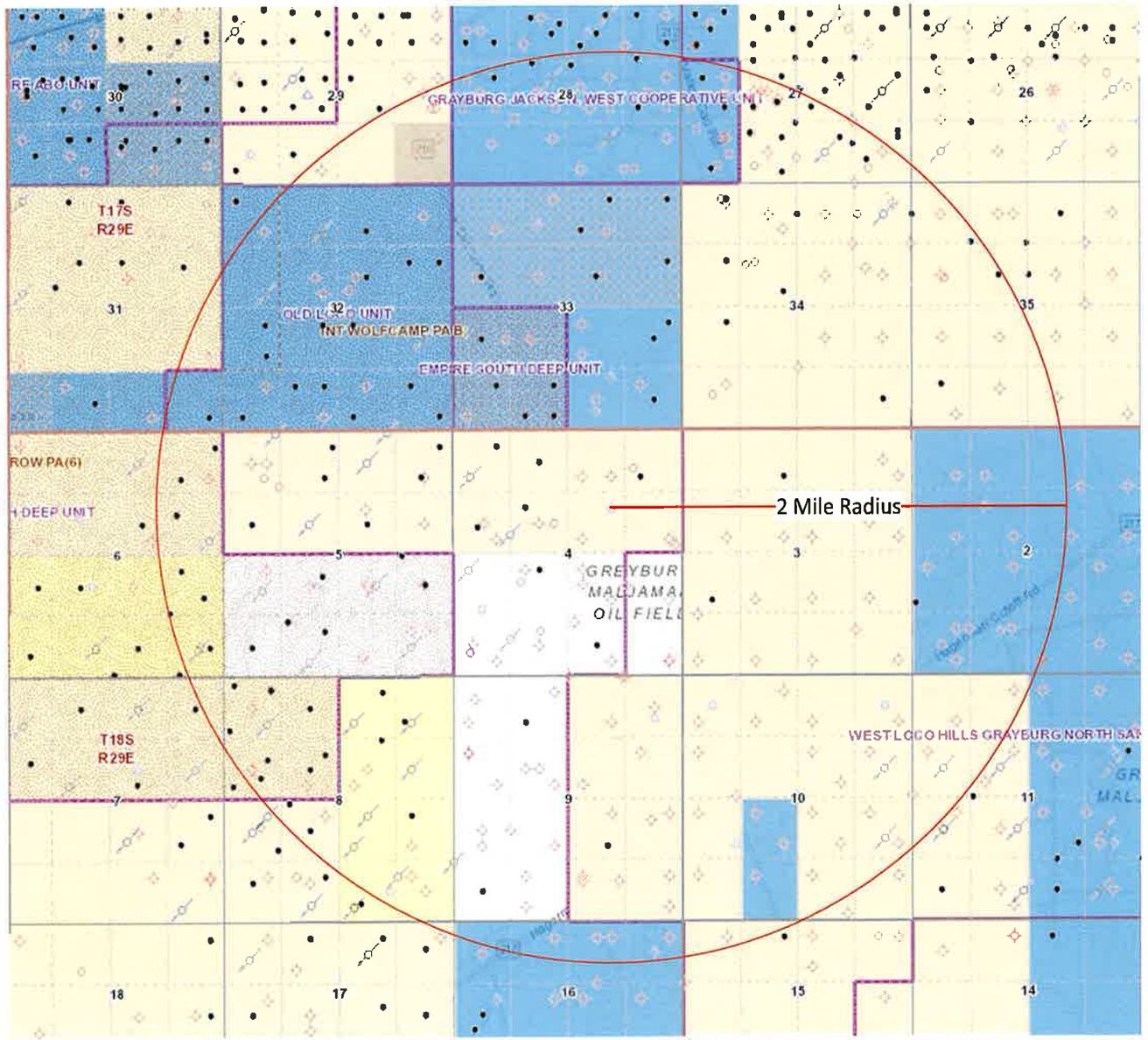


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Table 1
Area of Review Wells (Wells That Penetrate the Proposed Injection Interval)

API	Hole Direction	Lease Name	Well Num	Operator Name	Current Operator	Location	Footage	Final Status	Driller Td	Formation Producing Name	Proj Depth	Spud Date	Comp Date	Plug Date
30015310240000	VERTICAL	LOCO HILLS `4` FEDERAL	4	LOUIS DREYFUS NATURAL GAS CORP	MEWBOURNE OIL CO	18S 29E 4 SW NE NE	990 FNL 990 FEL CONGRESS SECTION	OIL PRODUCER	10620	STRAWN	9800	2000-04-19	2001-02-14	
30015223360001	VERTICAL	FEDERAL `632`	1	DEPCO INC	R & M OIL LLC	18S 29E 4	660 FNL 1980 FWL CONGRESS SECTION	OIL-WO	11060	GRAYBURG	2850	1981-09-01	1981-09-26	
30015309030000	VERTICAL	OXY BAY STATE	002	OXY USA INC	OXY USA WTP LP	17S 29E 33	440 FSL 1980 FEL CONGRESS SECTION	ABD-GW	11150	ATOKA	11300	2000-01-17	2000-03-14	2019-11-11
30015309600000	VERTICAL	LOCO HILLS WELCH	4	YATES HARVEY E CO	YATES HARVEY E CO	18S 29E 4 NW NW SE	1980 FSL 2310 FEL CONGRESS SECTION	ABD-GW	11206	MORROW	11250	2000-02-29	2000-05-06	2005-01-18

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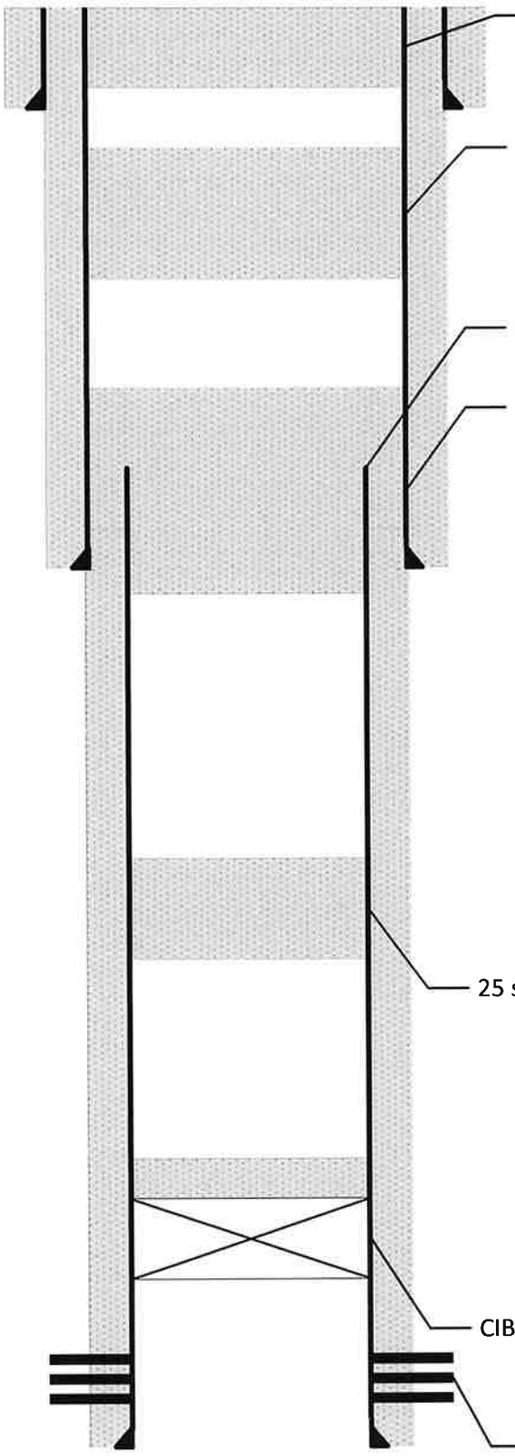
Figure 3.1

Loco Hills Welch #4 Schematic

Well Name: Loco Hills Welch #4 **Current Operator:** Yates Harvey E Co **API:** 30-015-30960

STR Location: Unit J, Sec. 4, T18S, R29E **Footage Location:** 1980' FSL & 2310' FEL

CURRENT WELLBORE SCHEMATIC



Surface Casing

Hole Size:	17 1/2"	TD:	428
Casing Size/Weight/Grade:	13 3/8" 48# H-40	Set Depth:	428
Sks Cmt:	425	Circulated:	Y (1" Job)
TOC:	Surface	Method:	CIRC.

First Intermediate Casing

Hole Size:	12 1/4"	TD:	3,100
Casing Size/Weight/Grade:	8 5/8" 32# J-55	Set Depth:	3,100
Sks Cmt:	1,650	Circulated:	Y
TOC:	Surface	Method:	CIRC.

Production Casing

Hole Size:	7 7/8"	TD:	11,206
Casing Size/Weight/Grade:	5 1/2" 11.6# N-80 & J-55	Set Depth:	11,206
Sks Cmt:	1,500	Circulated:	N
TOC:	3,070	Method:	CBL

Production Tubing

Hole Size:	5 1/2" 11.6# N-80 & J-55	PBTD:	10,840
Tubing Size/Weight/Grade:	2 3/8"	Set Depth:	11,206
Packer:	Y	Pkr Depth:	10,812

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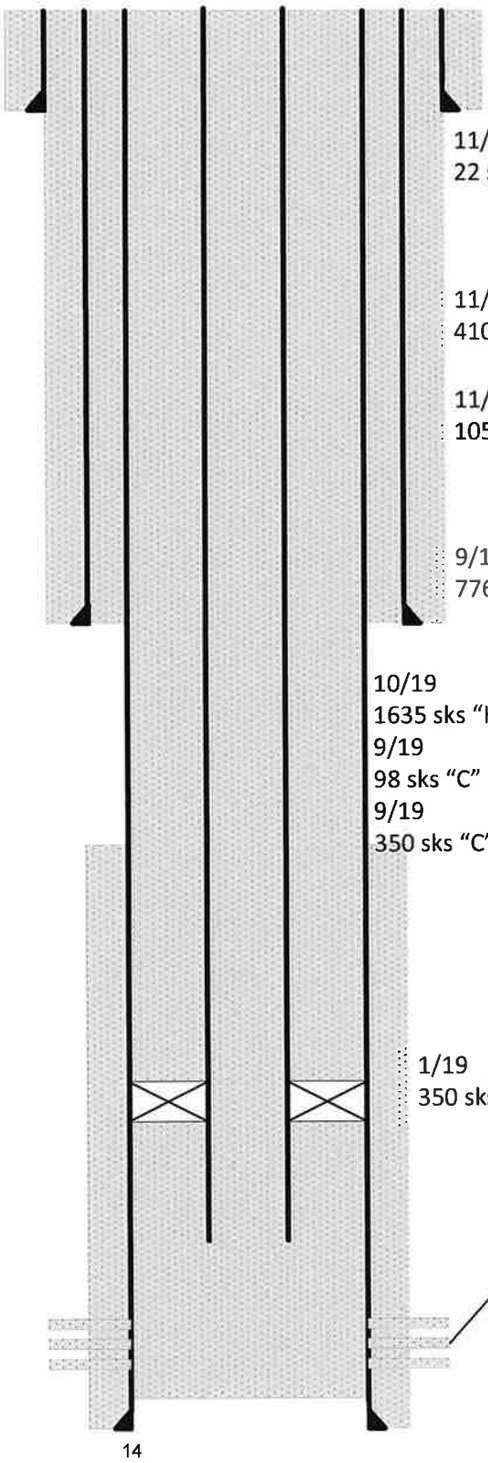
Figure 3.2
Oxy Bay State #2 Schematic

Well Name: Oxy Bay State #2 **Current Operator:** OXY USA WTP LP **API:** 30-015-30903

STR Location: Unit O, Sec. 33, T17S, R29E

CURRENT WELLBORE SCHEMATIC



Surface Casing

Hole Size:	17 1/2"	TD:	428
Casing Size/Weight/Grade:	13 3/8" 48# K-55 ST&C	Set Depth:	428
Sks Cmt:	380	Circulated:	Y
TOC:	Surface	Method:	CIRC.

First Intermediate Casing

Hole Size:	11"	TD:	4,358
Casing Size/Weight/Grade:	8 5/8" 32# K-55 ST&C	Set Depth:	4,358
Sks Cmt:	1,005	Circulated:	Y
TOC:	Surface	Method:	CIRC.

Production Casing

Hole Size:	7 7/8"	TD:	11,150
Casing Size/Weight/Grade:	4 1/2" 11.6#	Set Depth:	11,148
Sks Cmt:	720	Circulated:	N
TOC:	8,090	Method:	CBL

Production Tubing

Hole Size:	4 1/2" 11.6#	PBTD:	11,087
Tubing Size/Weight/Grade:	2 3/8"	Set Depth:	10,411
Packer:	Y	Pkr Depth:	10,390

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Table 2.1
Samsonite Produced Water Analysis

Catalyst Oilfield Services
11999 E Hwy 158
Gardendale, TX 79758
(432) 563-0727
Fax: (432) 224-1038

Water Analysis Report

Customer:	Mewbourne Oil and Gas Inc	Sample #:	217369
Area:	Hobbs Area	Analysis ID #:	173596
Lease:	Samsonite 3/4	BOPD:	
Location:	B2NM Fed Com 1H	BWPD:	
Sample Point:	Wellhead		

		Anions	mg/l	meq/l	Cations	mg/l	meq/l
Sampling date:	11/2/2022	Chloride:	124006.6	3496.99	Sodium:	69840.0	3037.87
Analysis date:	11/10/2022	Bicarbonate:	26.6	0.44	Magnesium:	2735.0	224.99
Analysis:	Catalyst	Carbonate:		0.00	Calcium:	4636.0	231.34
TDS (mg/l or g/m3):	205901	Sulfate:	2400.0	49.92	Potassium:	2048.0	52.38
Density (g/cm3):	1.140	Borate:	81.6	0.52	Strontium:	125.4	2.86
Hydrogen Sulfide:	51	Phosphorus:		0.00	Barium:	0.3	0.00
Carbon Dioxide:	310				Iron:	0.2	0.01
Comments:		pH at time of sampling:		6.67	Manganese:	1.7	0.06
		pH at time of analysis:					
		pH used in Calculation:		6.67	Conductivity (micro-ohms/cm):		193600
		Temperature @ lab conditions(F):		75	Resistivity (ohm meter):		0.0517

	Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Calcite CaCO3		Gypsum CaSo4*2H2O		Anhydrite CaSO4		Celestite SrSO4		Barite BaSO4		
°F	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	
80	-0.45	0.00	-0.01	0.00	0.02	35.61	0.06	10.63	0.55	0.00	
100	-0.39	0.00	-0.09	0.00	0.01	11.78	0.04	6.03	0.35	0.00	
120	-0.33	0.00	-0.16	0.00	0.02	37.91	0.02	3.16	0.17	0.00	
140	-0.27	0.00	-0.21	0.00	0.05	104.83	0.01	2.01	0.01	0.00	
160	-0.22	0.00	-0.26	0.00	0.11	199.60	0.01	2.30	-0.12	0.00	
180	-0.17	0.00	-0.30	0.00	0.18	309.89	0.02	3.45	-0.24	0.00	
200	-0.12	0.00	-0.34	0.00	0.26	423.91	0.03	5.17	-0.33	0.00	
220	-0.06	0.00	-0.37	0.00	0.36	533.62	0.04	7.18	-0.41	0.00	

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Table 2.2
Swanson Produced Water Analysis

Catalyst Oilfield Services
11999 E Hwy 158
Gardendale, TX 79758
(432) 563-0727
Fax: (432) 224-1038

Water Analysis Report

Customer:	Mewbourne Oil and Gas Inc	Sample #:	222634
Area:	Hobbs Area	Analysis ID #:	173883
Lease:	Swanson		
Location:	3/2 B2OP Fed Com 1H 3001549263		
Sample Point:	Wellhead		

Sampling Date:	11/15/2022
Analysis Date:	11/17/2022
Analyst:	Catalyst
TDS (mg/l or g/m3):	69124.5
Density (g/cm3):	1.048
Hydrogen Sulfide:	17.7
Carbon Dioxide:	60
Comments:	

Anions	mg/l	meq/l
Chloride:	**40184.5**	**1133.46**
Bicarbonate:	**158.6**	**2.6**
Carbonate:		
Sulfate:	**2300.0**	**47.89**
Borate*:	**65.9**	**0.42**
Phosphate*		

***Calculated based on measured elemental boron and phosphorus.**

pH at time of sampling:	6.71
pH at time of analysis:	
pH used in Calculation:	**6.71**
Temperature @ lab conditions (F):	**75**

Cations	mg/l	meq/l
Sodium:	**22720.0**	**988.26**
Magnesium:	**911.0**	**74.94**
Calcium:	**2080.0**	**103.79**
Potassium:	**648.8**	**16.59**
Strontium:	**54.5**	**1.24**
Barium:	**0.2**	**0.**
Iron:	**0.7**	**0.02**
Manganese:	**0.328**	**0.01**

Conductivity (micro-mhos/cm):	**110200**
Resistivity (ohm meter):	**.0907**

Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl

Temp	Calcite $CaCO_3$		Gypsum $CaSO_4*2H_2O$		Anhydrite $CaSO_4$		Celestite $SrSO_4$		Barite $BaSO_4$	
°F	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount
80	-0.10	0.00	-0.17	0.00	-0.20	0.00	0.04	2.95	0.72	0.00
100	0.01	0.33	-0.20	0.00	-0.18	0.00	0.03	2.29	0.54	0.00
120	0.12	2.62	-0.23	0.00	-0.12	0.00	0.03	2.29	0.39	0.00
140	0.23	5.57	-0.25	0.00	-0.05	0.00	0.04	3.27	0.26	0.00
160	0.34	8.84	-0.26	0.00	0.04	78.57	0.06	4.58	0.15	0.00
180	0.45	12.11	-0.26	0.00	0.15	250.45	0.08	6.22	0.06	0.00
200	0.56	15.39	-0.26	0.00	0.27	411.20	0.11	8.18	-0.01	0.00
220	0.68	18.66	-0.26	0.00	0.41	554.60	0.14	10.15	-0.07	0.00

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Table 3

Cisco Produced Water Analysis

Wellname	Api	Latitude	Longitude	Section	Township	Range	Unit	Ftgns	Ftgew	County	State	Formation	Samplesource	Tds_Mgl	Chloride_Mgl	Bicarbonate_Mgl	Sulfate_Mgl
SPRING SWD #001	3001500129	32.5206604	-104.3944092	4	21S	25E	A	660N	830E	EDDY	NM	CISCO	SWAB	31485	17000	635	2500
SPRING SWD #001	3001500129	32.5206604	-104.3944092	4	21S	25E	A	660N	830E	EDDY	NM	CISCO	SWAB	31580	17370	502	2310
INDIAN BASIN #001	3001510093	32.4758987	-104.5762329	14	21S	23E	K	1650S	1650W	EDDY	NM	CISCO	WELLHEAD	8531	3238	846	1700
MARATHON FEDERAL #001	3001510373	32.4613838	-104.5590591	24	21S	23E	K	1650S	1650W	EDDY	NM	CISCO	DST	162225	99300	32	750
MARATHON FEDERAL #001	3001510373	32.4613838	-104.5590591	24	21S	23E	K	1650S	1650W	EDDY	NM	CISCO	UNKNOWN	179962	110124	80	832
JOHN AGU #002	3001526468	32.5792274	-104.5523987	14	20S	24E	A	660N	660E	EDDY	NM	CISCO		216236	53321	72619	952
JENNY COM #001	3001526469	32.6635513	-104.5134354	17	19S	25E	E	1750N	660W	EDDY	NM	CISCO			46850	183	12.5
DAGGER DRAW #002	3001500116	32.6299515	-104.5175476	30	19S	25E	I	1969S	629E	EDDY	NM	CISCO	DST	7858			
DAGGER DRAW #002	3001500116	32.6299515	-104.5175476	30	19S	25E	I	1969S	629E	EDDY	NM	CISCO	DST	7622			
JOHN AGU #002	3001526468	32.5792274	-104.5523987	14	20S	24E	A	660N	660E	EDDY	NM	CISCO		216236	53321	72619	952

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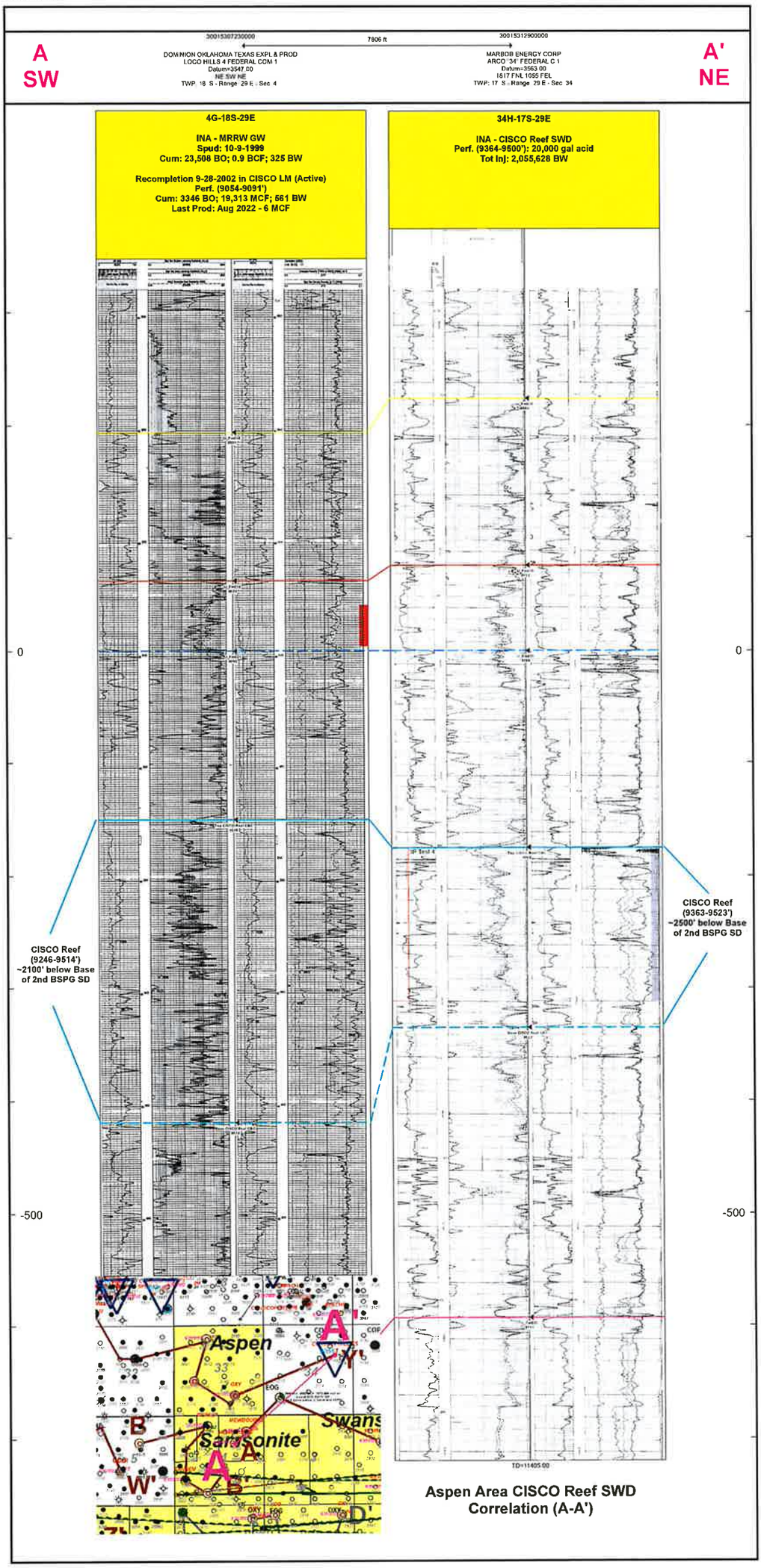
Figure 4
Cisco Reef Correlation



Aspen Area CISCO Reef SWD Correlation (A-A')

Page 21 of 39

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Figure 5
NMOSE PODs

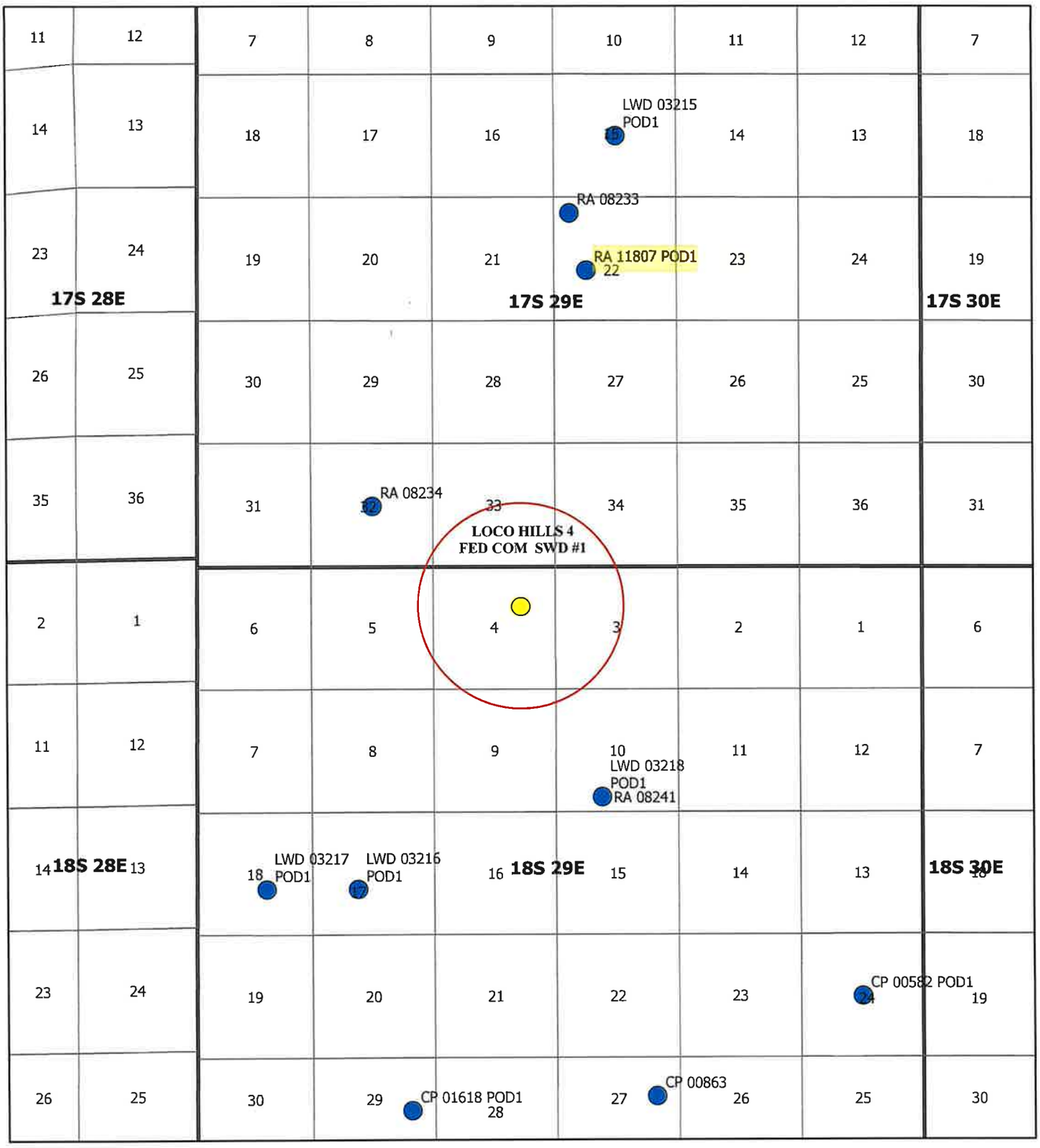

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Table 4
NMOSE PODs

POD NUMBER	SOURCE	Q64	Q16	Q4	SEC	TWS	RNG	LAT	LONG	START DATE	FINISH DATE	LOG FILE DATE	DEPTH WELL	DEPTH WATER	DRILLER	LICENSE NBR
LWD 03215 POD1					15	17S	29E	32.834536	-104.062640							
RA 11807 POD1	Shallow	NW	NE	SW	22	17S	29E	32.818805	-104.066750	11/23/2012	11/26/2012	03/26/2013	131	76	TAYLOR, CLINTON E.	1348
RA 08233			NW	NW	22	17S	29E	32.825511	-104.069134							
RA 13195 POD1		NW	SW	SW	28	17S	29E	32.801364	-104.087567							
RA 08234					32	17S	29E	32.790941	-104.096939							
RA 13192 POD1		SE	SW	NW	34	17S	29E	32.792831	-104.068442							
LWD 03218 POD1			SE	SW	10	18S	29E	32.756528	-104.064803							
RA 08241			SE	SW	10	18S	29E	32.756528	-104.064803							
LWD 03216 POD1			NE	SW	17	18S	29E	32.745622	-104.099137							
LWD 03217 POD1			NW	SE	18	18S	29E	32.745614	-104.111999							
CP 00582 POD1	Shallow				24	18S	29E	32.732915	-104.028284							
CP 00863		NW	SE	NE	27	18S	29E	32.721158	-104.057297	06/16/1997	06/16/1997	06/24/1997	320		GLENN, CLARK A "CORKY"	421
CP 01618 POD1	Shallow	SW	SE	NE	29	18S	29E	32.719489	-104.091689	08/23/2016	08/26/2016	09/12/2016	240	180	DON KUEHN III	1058
LWD 00839 POD1			SE	SE	32	18S	29E	32.698961	-104.090570							
CP 01036 POD1			SW	SE	36	18S	29E	32.699102	-104.128227							

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Table 5
Fresh Water Analysis

MEWBOURNE OIL COMPANY
Big Gulps Fed SWD #1
Fresh Water Analysis
Source: RA 11807 POD1

Water Lens

Date of Sample Analysis:	2022-11-07	Technician Name:	jjasek
Date Sample was Taken:	11/3/2022	Sample Name:	
Analysis Performed by:	EPDI	API Well Number:	
Client:	MOC	Well Name:	RA 11807 POD1
Reader Number:		Test Number:	
Water Lens Batch Number:	c35		

	Dilution Factor	mg/L	meq/L	meq/L
Barium	1	Less than 2	-	-
Calcium	Calc	1,469	73	73
Iron II (Fe^{2+})	1	Less than 0.03	-	-
Iron III (Fe^{3+})	Calc	Less than 0.03	-	-
Total Dissolved Iron	1	Less than 0.03	-	-
Magnesium	100	161.3	13.28	13.28
Sodium	Calc	11	-	-
Strontium	Calc	-	-	-
Manganese	n/a	*Test Not Run*	-	-
Boron	n/a	*Test Not Run*	-	-
Potassium	1	15	0	0

	Dilution Factor		mg/L	meq/L
Chloride	1		27	1
Sulfate	1	22	22	0
Nitrate	n/a		*Test Not Run*	-
Phosphate	1		0.30	0
Unfiltered Phosphate	n/a		*Test Not Run*	-
Filtered Phosphate	n/a		*Test Not Run*	-
Delta Phosphate			*Test Not Run*	-
Carbonate (as CO_3^{2-})	Calc		0	0
Bicarbonate (as HCO_3^-)	Calc		64	3
Acetates/Formates (as Acetate)	Calc		15	0
Hydroxide (as OH^-)	Calc		-	-
Sulfide (Total)	n/a	*Test Not Run*	*Test Not Run*	-

	Dilution Factor		
Hydrogen Sulfide (H_2S)	Calc	1.0	mg/L
Turbidity	1	Less than 7	NTU's
Total Hardness	100.0	4,333.00	mg/L $CaCO_3$
Oxidation/Reduction Potential (ORP)		153	millivolts
Temperature		77	Fahrenheit
Stiff & Davis Scaling Index (S&DSI)		0.08	
Langelier Scaling Index (LSI)		0.00	
Larson-Skold Index		0.4	
Skillman Index		0.05	
Barite Saturation Index		0.00	
Gypsum Saturation Index		-0.99	

	Dilution Factor			
ATP (picograms/mL)	Calc		43	
Dissolved CO_2 (ppm)	Calc		0	
pH	n/a		7.13	
Total Alkalinity	1		129	mg/L $CaCO_3$
Total Dissolved Solids (TDS)	Calc		-110	mg/L
Electrical Conductivity	Calc		3,597	uS/cm
Electrical Resistivity	Calc		278.0	Ohm*cm
Manganese/Iron Ratio		*Test Not Run*	*Test Not Run*	
Specific Gravity			0.9999	

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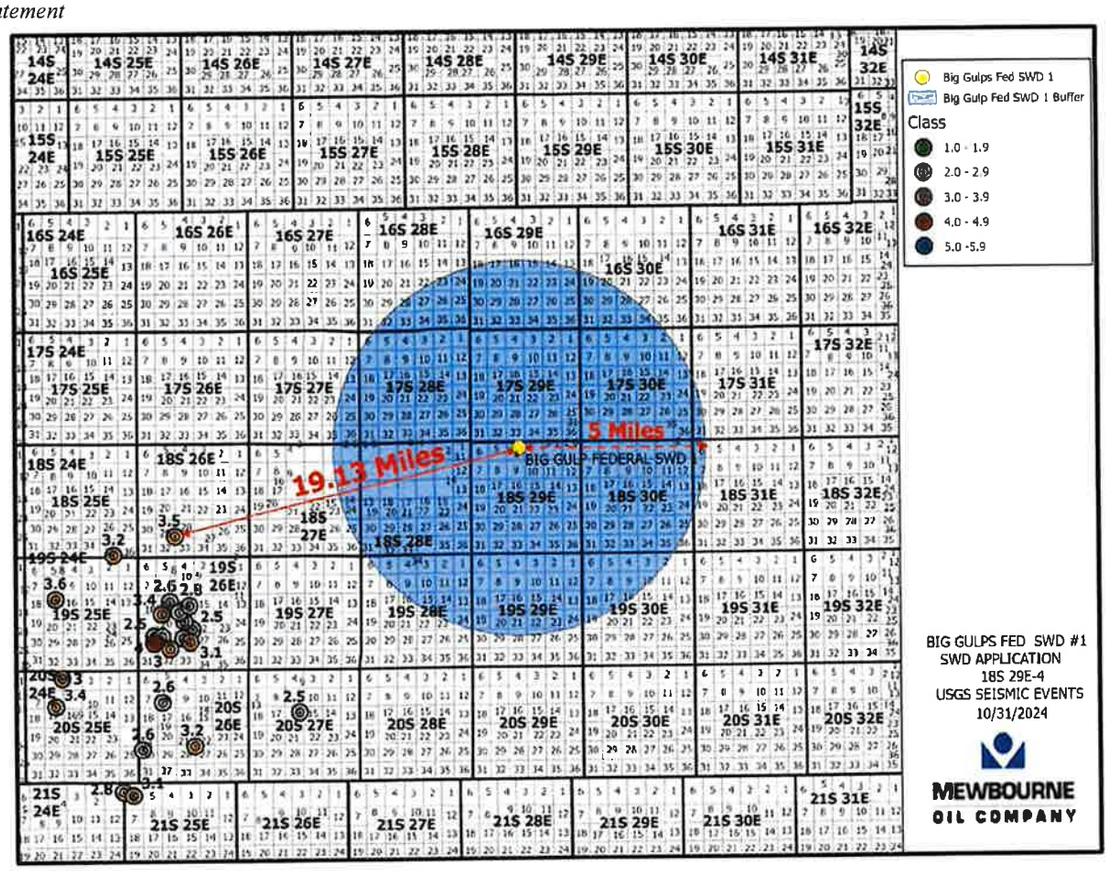
Exhibit 1

Seismicity Statement



Mewbourne has examined geological and engineering data and has found no evidence which suggests open faulting or any other hydrologic connection between the disposal zone and (i) any underground sources of drinking water or (ii) the basement. The location of the nearest seismic event recorded by the USGS occurred 19.13 miles to the West SouthWest. Mewbourne does not believe that produced water disposal into the Cisco formation through the perforated interval (9,054' – 9,514') will induce seismic events. There has been no known correlation in the area of interest between disposal in to this interval and seismicity.

MEWBOURNE OIL COMPANY

Grady Smith

Petroluem Engineer

gsmith@mewbourne.com

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Table 6
Listing of Notified Persons 10/31/2024 Update

I. SURFACE OWNER

COG Operating LLC
600 W Illinois Ave
Midland, Texas 79701

II. LEASEHOLD OPERATORS WITHIN ONE-HALF MILE

Sec 33, Twp 17S, Rge 29E

Oleum Energy LLC.
2955 Dawn Drive
Suite 104
Georgetown, Texas 78628

OXY USA WTP LP
5 Greenway Plaza
Suite 110
Houston, Texas 77046

Sec 3, Twp 18S, Rge 29E

BXP Operating, LLC
11757 Katy Freeway
Suite 475
Houston TX 77079

Mewbourne Oil Company
3620 Old Bullard Rd
Tyler, Texas 75701

Sec 4, Twp 18S, Rge 29 E

Mewbourne Oil Company
3620 Old Bullard Rd
Tyler, Texas 75701

R & M OIL LLC
132317 Lovington Hwy
Loco Hills, New Mexico 88255

Rover Operating, LLC
2024 W. 15th St.
Suite F, PMB 508
Plano, Texas 75075

Oleum Energy LLC.
2955 Dawn Drive
Suite 104
Georgetown, Texas 78628

III. OTHER

New Mexico State Land Office

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310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Bureau of Land Management
Carlsbad Field Office
620 E. Greene Street
Carlsbad, New Mexico 88220

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Affidavit of Publication

No. 20600

State of New Mexico

County of Eddy:

Danny Scott being duly sworn, sayes that he is the **Publisher**

of the Artesia Daily Press, a daily newspaper of General circulation, published in English at Artesia, said county and state, and that the hereto attached

Legal Ad

was published in a regular and entire issue of the said Artesia Daily Press, a daily newspaper duly qualified for 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	November 7, 2024
Second Publication	
Third Publication	
Fourth Publication	
Fifth Publication	
Sixth Publication	
Seventh Publication	
Eighth Publication	

Subscribed ans sworn before me this

7th day of November 2024

LATISHA ROMINE
Notary Public, State of New Mexico
Commission No. 1076338
My Commission Expires
05-12-2027

Latisha Romine

Latisha Romine

Notary Public, Eddy County, New Mexico

25

Copy of Publication:

NOTICE

Mewbourne Oil Company has filed an amended form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking a modification to administrative order SWD-2525 to re-complete the Loco Hills 4 Federal Com #1, as a Salt Water Disposal well (Big Gulps Fed SWD #1).

The Big Gulps Fed SWD #1 is located 1670' FNL and 1650' FEL, Unit Letter G, Section 4, Township 18 South, Range 29 East, NMPM, Eddy County, New Mexico. The well will dispose of water produced from nearby operated oil and gas wells into the Cisco formation through a perforated interval from a depth of 9,054 feet to 9,514 feet. Expected maximum injection rates are 15,000 BWPD at a maximum injection pressure of 1,811 psi.

Interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, within 15 days. The name and address of the contact party for the applicant is Grady Smith, Mewbourne Oil Company, 3620 Old Bullard Road, Tyler, Texas 75701, (903)-534-7664. The well is located approximately 6 miles Southwest of Loco Hills, New Mexico.
20600-Published in Artesia Daily Press Nov. 7, 2024

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November 05, 2024

Dear Customer,

The following is the proof-of-delivery for tracking number: 779676452723

Delivery Information:

Status:	Delivered	**Delivered To:**	Shipping/Receiving
Signed for by:	I.Villafranco	**Delivery Location:**	600 W ILLINOIS AVE
Service type:	FedEx 2Day AM		
Special Handling:	Deliver Weekday		MIDLAND, TX, 79701
		Delivery date:	Nov 4, 2024 10:36

Shipping Information:

Tracking number:	779676452723	**Ship Date:**	Nov 1, 2024
		Weight:	0.5 LB/0.23 KG

Recipient:
UIC Permit SWD-2525, COG Operating, LLC
600 W Illinois Ave
MIDLAND, TX, US, 79701

Shipper:
Kim Ripka, MEWBOURNE OIL COMPANY
3620 Old Bullard Rd
Tyler, TX, US, 75701

Thank you for choosing FedEx

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November 05, 2024

Dear Customer,

The following is the proof-of-delivery for tracking number: 779676274972

Delivery Information:

Status:	Delivered	**Delivered To:**	Receptionist/Front Desk
Signed for by:	J.JON	**Delivery Location:**	2955 DAWN DR STE 104
Service type:	FedEx 2Day AM		
Special Handling:	Deliver Weekday		GEORGETOWN, TX, 78628
		Delivery date:	Nov 4, 2024 09:32

Shipping Information:

Tracking number:	779676274972	**Ship Date:**	Nov 1, 2024
		Weight:	0.5 LB/0.23 KG

Recipient:
UIC Permit SWD-2525, Oleum Energy, LLC
2955 Dawn Drive
Suite 104
GEORGETOWN, TX, US, 78628

Shipper:
Kim Ripka, MEWBOURNE OIL COMPANY
3620 Old Bullard Rd
Tyler, TX, US, 75701

Thank you for choosing FedEx

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November 05, 2024

Dear Customer,

The following is the proof-of-delivery for tracking number: 779676654695

Delivery Information:

Status:	Delivered	**Delivered To:**	Shipping/Receiving
Signed for by:	F.FRED	**Delivery Location:**	5 GREENWAY PLZ STE 110
Service type:	FedEx 2Day AM		
Special Handling:	Deliver Weekday		HOUSTON, TX, 77046
		Delivery date:	Nov 5, 2024 09:09

Shipping Information:

Tracking number:	779676654695	**Ship Date:**	Nov 1, 2024
		Weight:	0.5 LB/0.23 KG

Recipient:
UIC Permit SWD-2525, OXY USA WTP LP
5 Greenway Plaza
Suite 110
HOUSTON, TX, US, 77046

Shipper:
Kim Ripka, MEWBOURNE OIL COMPANY
3620 Old Bullard Rd
Tyler, TX, US, 75701

Thank you for choosing FedEx

28

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Received by OCD: 11/8/2024 12:59:09 PM

November 05, 2024

Dear Customer,

The following is the proof-of-delivery for tracking number: 779676819839

Delivery Information:

Status:	Delivered	**Delivered To:**	Shipping/Receiving
Signed for by:	M.Melissa	**Delivery Location:**	11757 KATY FWYSTE 475
Service type:	FedEx 2Day AM		
Special Handling:	Deliver Weekday		HOUSTON, TX, 77079
		Delivery date:	Nov 4, 2024 10:28

Shipping Information:

Tracking number:	779676819839	**Ship Date:**	Nov 1, 2024
		Weight:	0.5 LB/0.23 KG

Recipient:
UIC Permit SWD-2525, BXP Operating, LLC
11575 Katy Freeway
Suite 475
HOUSTON, TX, US, 77079

Shipper:
Kim Ripka, MEWBOURNE OIL COMPANY
3620 Old Bullard Rd
Tyler, TX, US, 75701

Thank you for choosing FedEx

29

Released to Imaging: 11/13/2024 1:21:43 PM
Received by OCD: 11/8/2024 12:59:09 PM

November 05, 2024

Dear Customer,

The following is the proof-of-delivery for tracking number: 779676972317

Delivery Information:

Status:	Delivered	**Delivered To:**	Residence
Signed for by:	Signature not required	**Delivery Location:**	132317 LOVINGTON HWY
Service type:	FedEx 2Day		
Special Handling:	Deliver Weekday; Residential Delivery		LOCO HILLS, NM, 88255
		Delivery date:	Nov 4, 2024 12:36

Shipping Information:

Tracking number:	779676972317	**Ship Date:**	Nov 1, 2024
		Weight:	0.5 LB/0.23 KG

Recipient:
UIC Permit SWD-2525, R&M Oil, LLC
132317 Lovington Hwy
LOCO HILLS, NM, US, 88255

Shipper:
Kim Ripka, MEWBOURNE OIL COMPANY
3620 Old Bullard Rd
Tyler, TX, US, 75701

Proof-of-delivery details appear below; however, no signature is available for this FedEx Express shipment because a signature was not required.

Thank you for choosing FedEx

30

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Received by OCD: 11/8/2024 12:59:09 PM

November 05, 2024

Dear Customer,

The following is the proof-of-delivery for tracking number: 779677579008

Delivery Information:

Status:	Delivered	**Delivered To:**	Shipping/Receiving
Signed for by:	A.Lock	**Delivery Location:**	620 E GREENE ST
Service type:	FedEx 2Day		
Special Handling:	Deliver Weekday		CARLSBAD, NM, 88220
		Delivery date:	Nov 4, 2024 10:33

Shipping Information:

Tracking number:	779677579008	**Ship Date:**	Nov 1, 2024
		Weight:	0.5 LB/0.23 KG

Recipient:
Bureau of Land Management, Carlsbad Field Office
620 E GREENE ST
CARLSBAD, NM, US, 88220

Shipper:
Kim Ripka, MEWBOURNE OIL COMPANY
3620 Old Bullard Rd
Tyler, TX, US, 75701

Thank you for choosing FedEx

31

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November 05, 2024

Dear Customer,

The following is the proof-of-delivery for tracking number: 779677714234

Delivery Information:

Status:	Delivered	**Delivered To:**	Shipping/Receiving
Signed for by:	A.Admijo	**Delivery Location:**	310 OLD SANTA FE TRL
Service type:	FedEx 2Day AM		
Special Handling:	Deliver Weekday		SANTA FE, NM, 87501
		Delivery date:	Nov 4, 2024 10:25

Shipping Information:

Tracking number:	779677714234	**Ship Date:**	Nov 1, 2024
		Weight:	0.5 LB/0.23 KG

Recipient:
UIC Permit SWD-2525, New Mexico Land Office
310 Old Santa Fe Trail
SANTA FE, NM, US, 87501

Shipper:
Kim Ripka, MEWBOURNE OIL COMPANY
3620 Old Bullard Rd
Tyler, TX, US, 75701

Thank you for choosing FedEx

32

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November 08, 2024

Dear Customer,

The following is the proof-of-delivery for tracking number: 779804678015

Delivery Information:

Status:	Delivered	**Delivered To:**	Shipping/Receiving
Signed for by:	A.Dandis	**Delivery Location:**	2024 W 15TH STSTE F
Service type:	FedEx Priority Overnight		
Special Handling:	Deliver Weekday		PLANO, TX, 75075
		Delivery date:	Nov 8, 2024 08:57

Shipping Information:

Tracking number:	779804678015	**Ship Date:**	Nov 7, 2024
		Weight:	0.5 LB/0.23 KG

Recipient:
UIC Permit SWD-2525, Rover Operating, LLC
2024 W. 15th St
Suite F, PMB 508
PLANO, TX, US, 75075

Shipper:
Kim Ripka, MEWBOURNE OIL COMPANY
3620 Old Bullard Rd
Tyler, TX, US, 75701

33

Thank you for choosing FedEx

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Received by OCD: 11/8/2024 12:59:09 PM

MEWBOURNE
OIL COMPANY

October 31, 2024

Engineering and Geological Services Bureau, Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
Attn: Mr. Phillip Goetze

Re: Big Gulps Fed SWD #1
Sec 4, Twp 18S, Rge 29E
Eddy County, New Mexico

Mr. Goetze,

In accordance with item XII on Mewbourne Oil Company's C-108 filed for the captioned salt water disposal well, Mewbourne Oil Company has examined geologic and engineering data and has found that there is no evidence of faulting or any other hydrologic connection between the proposed disposal zone and any underground sources of drinking water.

Should you have any questions, please email me at gsmith@mewbourne.com or call me at (903) 534-7664.

Sincerely yours,

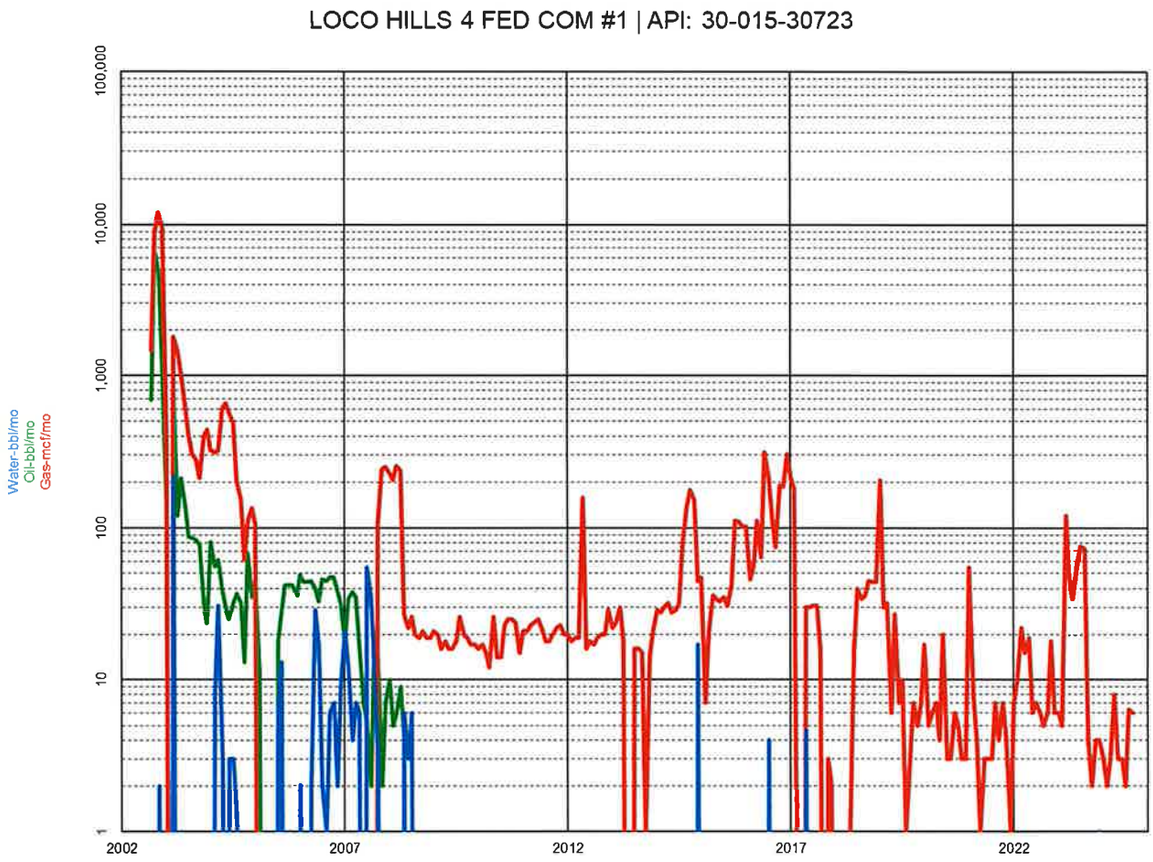
MEWBOURNE OIL COMPANY

Grady Smith
Petroluem Engineer
gsmith@mewbourne.com

P.O. Box 7698 • Tyler, Texas 75711
3620 Old Bullard Road • Tyler, Texas 75701

34

Released to Imaging: 11/13/2024 1:21:43 PM
Received by OCD: 11/8/2024 12:59:09 PM



STATEMENT REGARDING PRODUCTIVITY OF THE CISCO

The Loco Hills 4 Fed Com #1 was recompleted to the Cisco formation in 2003 and has produced a cumulative of 3,346 bbls of oil, 19.8 MMscf and 562 bbls of water. On February 2, 2024 Mewbourne Oil Company performed a swab test on the Loco Hills 4 Fed Com #1 well. The well was dead upon arrival and four swab runs were made to the seating nipple. A fluid level was not encountered and no fluid was recovered. The well has averaged 0 bopd, 0.14 Mscfd and 0 bwpd in 2024.

35

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: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 400851
	Action Type: [C-108] Fluid Injection Well (C-108)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	None	11/13/2024