# **AE Order Number Banner**

**Application Number:** pMSG2411636136

SWD-2615

MACK ENERGY CORP [13837]

RECEIVED:	REVIEWER:	TYPE:	APP NO:	
	- Geologi	ABOVE THIS TABLE FOR OCE CO OIL CONSERV Cal & Engineering Cancis Drive, San	<b>/ATION DIVISION</b> ng Bureau –	
	ADMINIST	RATIVE APPLICAT	TION CHECKLIST	
THIS	CHECKLIST IS MANDATORY FOR A REGULATIONS WHICH R	ILL ADMINISTRATIVE APPLIC EQUIRE PROCESSING AT TH		
Applicant:			OGF	RID Number:
Nell Name:			API:_	
<sup>2</sup> 001:			POOI	Code:
SUBMIT ACCUR	RATE AND COMPLETE IN	FORMATION REQUINDICATED BEL		THE TYPE OF APPLICATION
A. Location	ICATION: Check those n – Spacing Unit – Simul NSL NSP <sub>(P</sub>		on _	]sd
[1] Con [	one only for [1] or [11] nmingling – Storage – N DHC	PLC ∐PC ∐ ure Increase – Enf	OLS  OLM nanced Oil Recov EOR  PPR	ery FOR OCD ONLY
A. Offse B. Roya C. Appl D. Notifi E. Notifi F. Surfa G. For a	N REQUIRED TO: Check toperators or lease houlty, overriding royalty of ication requires publishing and/or concurrication and/or concurrice owner loof the above, proof of otice required	Iders wners, revenue o led notice ent approval by S ent approval by E	wners SLO BLM	Notice Complete  Application Content Complete
administrative understand t	N: I hereby certify that a approval is accurate hat no action will be ta are submitted to the Di	and <b>complete</b> to ken on this applic	the best of my kn	nowledge. I also
N	lote: Statement must be compl	eted by an individual wi	th managerial and/or su	pervisory capacity.
			Doto	
			Date	
Print or Type Name				
			Phone Numbe	er
	Deana Weaver			
Signature			e-mail Address	<u> </u>
J				

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

FORM C-108 Revised June 10, 2003

### APPLICATION FOR AUTHORIZATION TO INJECT

I.	PURPOSE: Secondary Recovery Pressure Maintenance XXX Disposal Storage Application qualifies for administrative approval? XXX Yes No
II.	OPERATOR: Mack Energy Corporation
	ADDRESS: P.O. Box 960 Artesia, NM 88210
	CONTACT PARTY: Deana Weaver PHONE: 575-748-1288
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?YesX X 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:
	<ol> <li>Proposed average and maximum daily rate and volume of fluids to be injected;</li> <li>Whether the system is open or closed;</li> <li>Proposed average and maximum injection pressure;</li> <li>Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,</li> <li>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.).</li> </ol>
*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: Deana Weaver
	SIGNATURE: Deana Weaver
	E-MAIL ADDRESS:DATE:4/1/2024
*	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:

Side 2

#### 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.

Side 1

### INJECTION WELL DATA SHEET

OPERATOR:	Mack Energy Corporation

WELL NAME & NUMBER: \_\_\_\_lceberg SWD #1

WELL LOCATION: 180 FNL 780 FWL D 32 16S 27E FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

### **WELLBORE SCHEMATIC**

### loeberg SWD #1- After Operator: Maok Energy Corporation Location: Sec. 32 T163 R27E Casing Detail J-55 48# Circ to Surfec Circ to Surface J-55 30# 1500 834"Hde 2550sx CMT 5 1/2" L-80 20# 3 1/2" 9.3 L-80 Tubing 0-9,120 Nickle Plated Arrow Set 2.31 profile Nippi Open Hole 9,205-9,605 TD-9,605

# WELL CONSTRUCTION DATA Surface Casing

Hole Size:	20"		Casing Size: 13 3/8"	
			or	_ ft <sup>3</sup>
Top of Cement: _	0'		Method Determined: Circ	
		Intermediate	Casing	
Hole Size:	12 1/4"		Casing Size: 9 5/8"	
Cemented with: _	650	SX.	or	_ ft³
Top of Cement: _	0'		Method Determined: Circ	
		Production	Casing	
Hole Size:8	3 3/4"		Casing Size: 7"	
Cemented with: _	2,550	SX.	or	_ ft <sup>3</sup>
Top of Cement: _	0		Method Determined: Circ	
Total Depth:	9605'			
		Injection Ir	<u>nterval</u>	
9205'		feet	to 9605' Open Hole	

### INJECTION WELL DATA SHEET

Tubi	ing Size: 3 1/2" 9.3# L-80 Lining Material: 1850 Coating
Тур	e of Packer: Nickle plated Arrow Set 2.31 profile nipple
Pacl	ker Setting Depth: 9120'
Oth	er Type of Tubing/Casing Seal (if applicable):
	Additional Data
1.	Is this a new well drilled for injection?
	If no, for what purpose was the well originally drilled?
	N/A
2.	Name of the Injection Formation:
3.	Name of Field or Pool (if applicable):SWD; Devonian
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. N/A
5.	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: L. Miss Oil/Gas 8840', Devonian Oil/Gas 9205', Montoya Oil/Gas 9605'
	,

### VII. DATA SHEET: PROPOSED OPERATIONS

1. Proposed average and maximum daily rate and volume of fluids to be injected;

### Respectively, 15,000 BWPD and 20,000 BWPD

2. The system is closed or open;

#### Closed

3. Proposed average and maximum injection pressure;

### 1,000psi average-2083 psi maximum

4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than re-injected produced water;

### We will be re-injecting produced water

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;

### N/A

- 6. List of Aquifers- Artesian
- 7. Well Procedures- See atached

### VIII. GEOLOGICAL DATA

- 1. Lithologic Detail; **Dolomite**
- 2. Geological Name; SWD; Devonian
- 3. Thickness; 400 Openhole Completion (9205-9605')
- 4. Depth; **9605' TD**

### IX. PROPOSED STIMULATION PROGRAM

1. To be treated with 10000 gallons 15% acid

### X. LOGS AND TEST DATA

1. Well data will be filed with the OCD.

### XI. ANALYSIS OF FRESHWATER WELLS

See attached Additional Information Waters Injected: San Andres

### XII. AFFIRMATIVE STATEMENT

We have examined the available geologic and engineering data and find no evidence of open faults or any other hydraulic connection between the disposal zone and any underground source of drinking water.

Mack Energy Corporation

Date: 10/30/23

Charles Sadler, Geologist

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

<u>District III</u> 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

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

OIL CONSERVATION DIVISION

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		<sup>2</sup> Pool Code						
		97803	SWD; Devonian					
<sup>4</sup> Property Code		<sup>5</sup> P <sub>1</sub>	roperty Name	<sup>6</sup> Well Number				
		ICEBERG SWD						
<sup>7</sup> OGRID No.		8 O <sub>1</sub>	<sup>9</sup> Elevation					
13837		MACK ENER	3443.6					

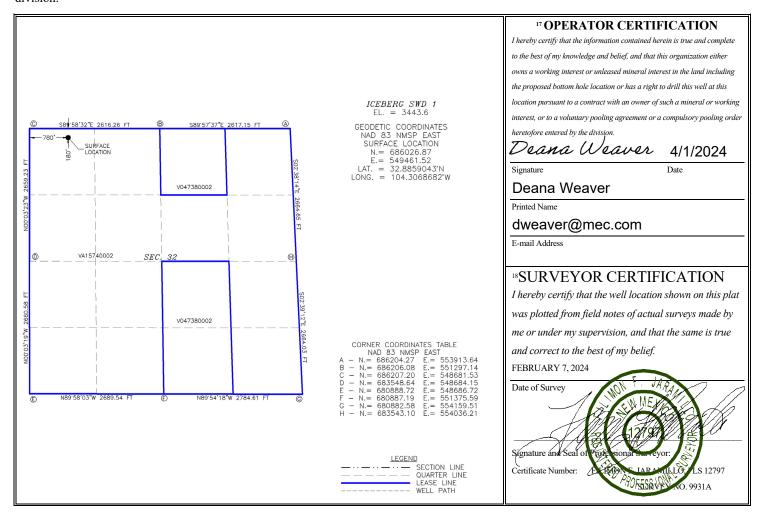
### <sup>10</sup> Surface Location

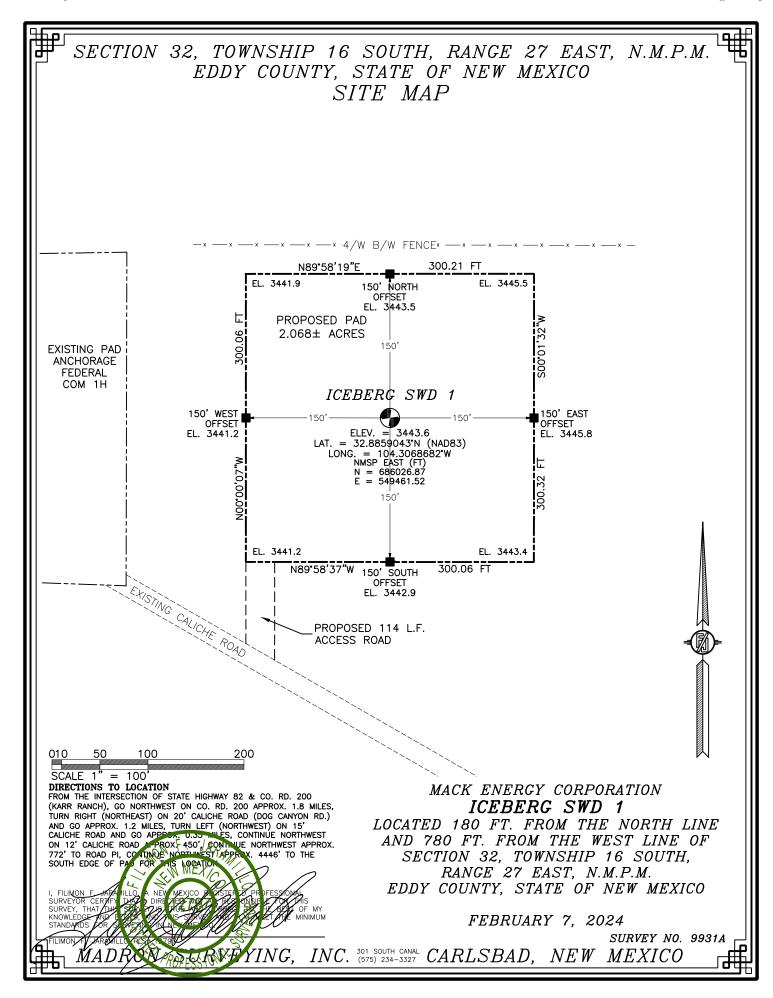
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	32	16 S	27 E		180	NORTH	780	WEST	EDDY

#### " Bottom Hole Location If Different From Surface

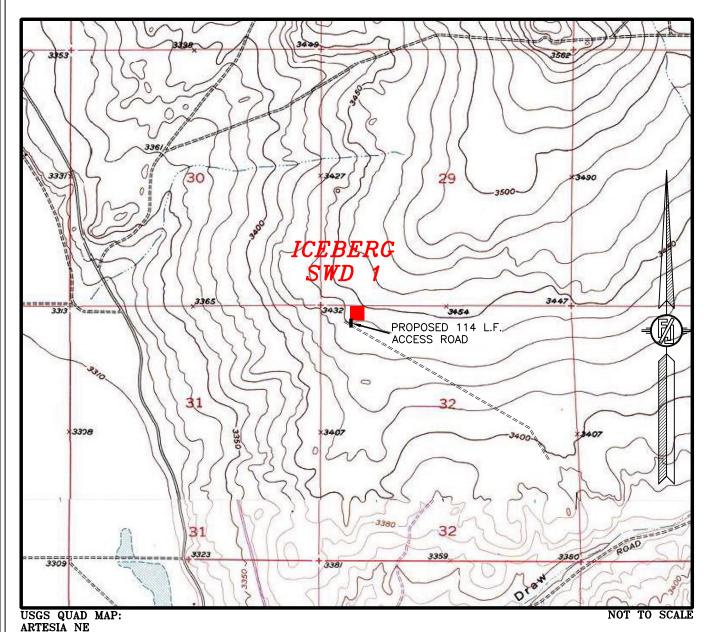
Bottom Hole Edeation in Different Holm Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the North/South line		Feet from the	East/West line	County
12 Dedicated Acre	12 Dedicated Acres 13 Joint or Infill 14 Consolidation Co		n Code						
40									

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.





# SECTION 32, TOWNSHIP 16 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO LOCATION VERIFICATION MAP



# MACK ENERGY CORPORATION ICEBERG SWD 1

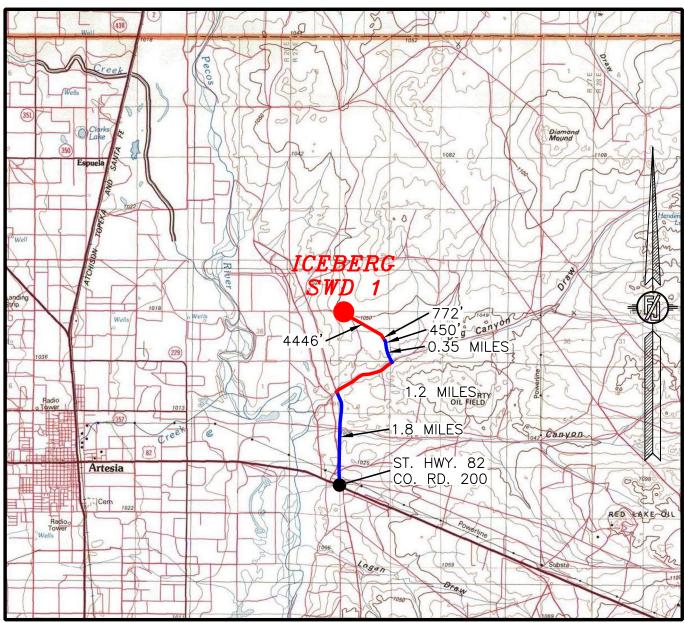
LOCATED 180 FT. FROM THE NORTH LINE AND 780 FT. FROM THE WEST LINE OF SECTION 32, TOWNSHIP 16 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO

FEBRUARY 7, 2024

SURVEY NO. 9931A

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO

# SECTION 32, TOWNSHIP 16 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

### DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF STATE HIGHWAY 82 & CO. RD. 200 (KARR RANCH), GO NORTHWEST ON CO. RD. 200 APPROX. 1.8 MILES, TURN RIGHT (NORTHEAST) ON 20' CALICHE ROAD (DOG CANYON RD.) AND GO APPROX. 1.2 MILES, TURN LEFT (NORTHWEST) ON 15' CALICHE ROAD AND GO APPROX. 0.35 MILES, CONTINUE NORTHWEST ON 12' CALICHE ROAD APPROX. 450', CONTINUE NORTHWEST APPROX. 772' TO ROAD PI, CONTINUE NORTHWEST APPROX. 4446' TO THE SOUTH EDGE OF PAD FOR THIS LOCATION.

## MACK ENERGY CORPORATION ICEBERG SWD 1

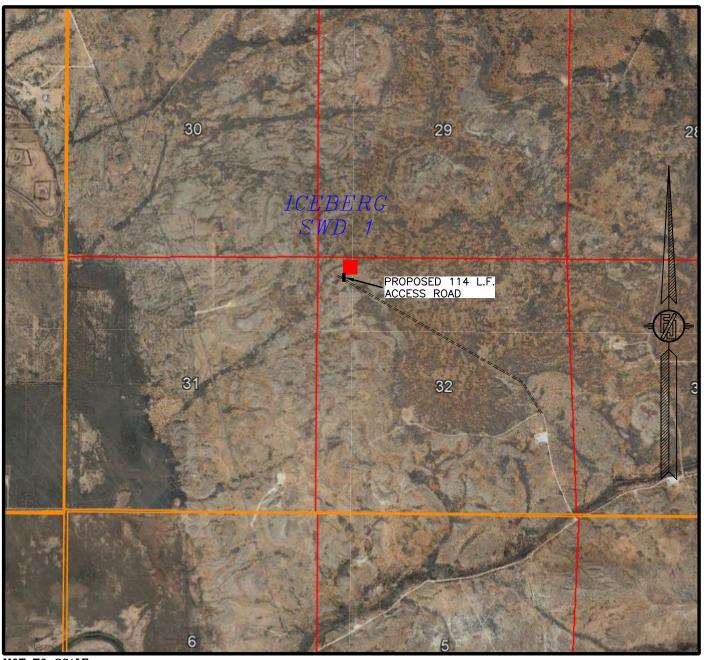
LOCATED 180 FT. FROM THE NORTH LINE AND 780 FT. FROM THE WEST LINE OF SECTION 32, TOWNSHIP 16 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO

FEBRUARY 7, 2024

SURVEY NO. 9931A

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO

# SECTION 32, TOWNSHIP 16 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO AERIAL PHOTO



NOT TO SCALE AERIAL PHOTO: GOOGLE EARTH DEC. 2019

MACK ENERGY CORPORATION ICEBERG SWD 1

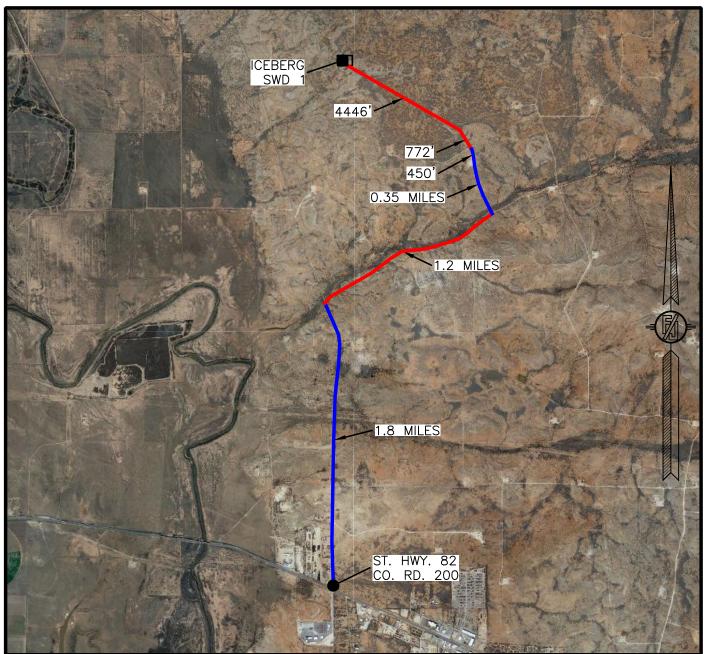
LOCATED 180 FT. FROM THE NORTH LINE AND 780 FT. FROM THE WEST LINE OF SECTION 32, TOWNSHIP 16 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO

FEBRUARY 7, 2024

SURVEY NO. 9931A

 $MADRON \quad SURVEYING, \quad INC. \quad {\tiny 505, 234-3327} \quad CARLSBAD, \quad NEW \quad MEXICO$ 

# SECTION 32, TOWNSHIP 16 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO AERIAL ACCESS ROUTE MAP



NOT TO SCALE AERIAL PHOTO: GOOGLE EARTH DEC. 2019

MACK ENERGY CORPORATION ICEBERG SWD 1

LOCATED 180 FT. FROM THE NORTH LINE AND 780 FT. FROM THE WEST LINE OF SECTION 32, TOWNSHIP 16 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO

FEBRUARY 7, 2024

SURVEY NO. 9931A

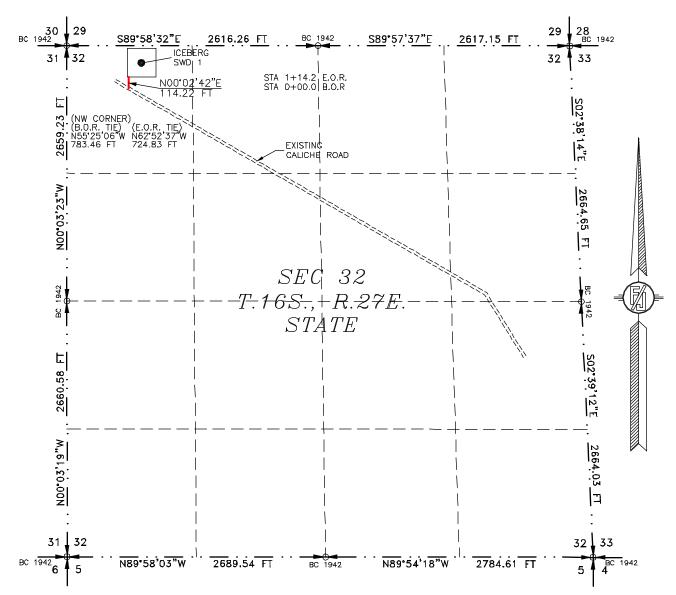
MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO

### ACCESS ROAD PLAT

ACCESS ROAD FOR ICEBERG SWD 1

### MACK ENERGY CORPORATION

CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING SECTION 32, TOWNSHIP 16 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO FEBRUARY 7, 2024



SEE NEXT SHEET (2-2) FOR DESCRIPTION

INC. (575)



### GENERAL NOTES

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVĖY.

SHEET: 1-2

*MADRON SURVEYING*(

### SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND NEW MEXICO. SURVEYING IN

CERTIFICATE IS EXECUTED AT CARLSBAD, NEW N ARCH 2024

MADRON SURVEYING, INC. 7301 SOUTH CANAL ( CARLSBAD, NEW MEXICO 88220 Phone (575) 234-3327

*NEW MEXICO* 

SURVEY NO. 9931A

Released to Imaging: 4/25/2024 10:07:05 AM

### ACCESS ROAD PLAT

ACCESS ROAD FOR ICEBERG SWD 1

### MACK ENERGY CORPORATION

CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING SECTION 32, TOWNSHIP 16 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO FEBRUARY 7, 2024

### DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 32, TOWNSHIP 16 SOUTH, RANGE 27 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE NW/4 NW/4 OF SAID SECTION 32, TOWNSHIP 16 SOUTH, RANGE 27 EAST, N.M.P.M., WHENCE THE NORTHWEST CORNER OF SAID SECTION 32, TOWNSHIP 16 SOUTH, RANGE 27 EAST, N.M.P.M. BEARS N55°25'06"W, A DISTANCE OF 783.46 FEET;

THENCE NOO'02'42"E A DISTANCE OF 114.22 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHWEST CORNER OF SAID SECTION 32, TOWNSHIP 16 SOUTH, RANGE 27 EAST, N.M.P.M. BEARS N62'52'37"W, A DISTANCE OF 724.83 FEET;

SAID STRIP OF LAND BEING 114.22 FEET OR 6.92 RODS IN LENGTH, CONTAINING 0.079 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NW/4 NW/4 114.22 L.F. 6.92 RODS 0.079 ACRES

### SURVEYOR CERTIFICATE

NEW M

### GENERAL NOTES

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 2-2

MADRON SURVEYING, INC. (575)

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

THIS CERTIFICATE IS EXECUTED AT CARLSBAD,

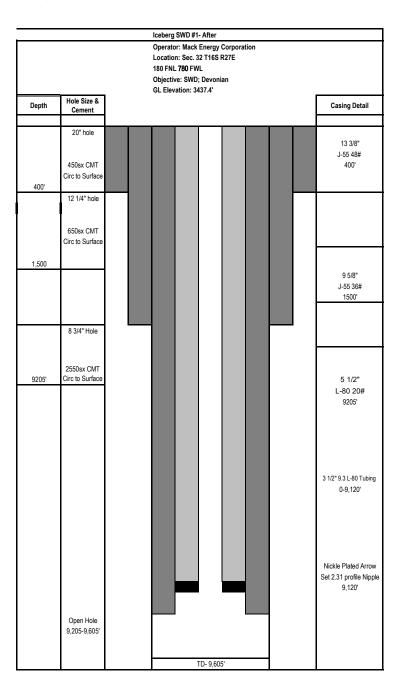
A OF MARCH 2024

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO 88220 Phone (575) 234-3327

*NEW MEXICO* 

SURVEY NO. 9931A

Reteased to Imaging: 4/25/2024 10:07:05 AM

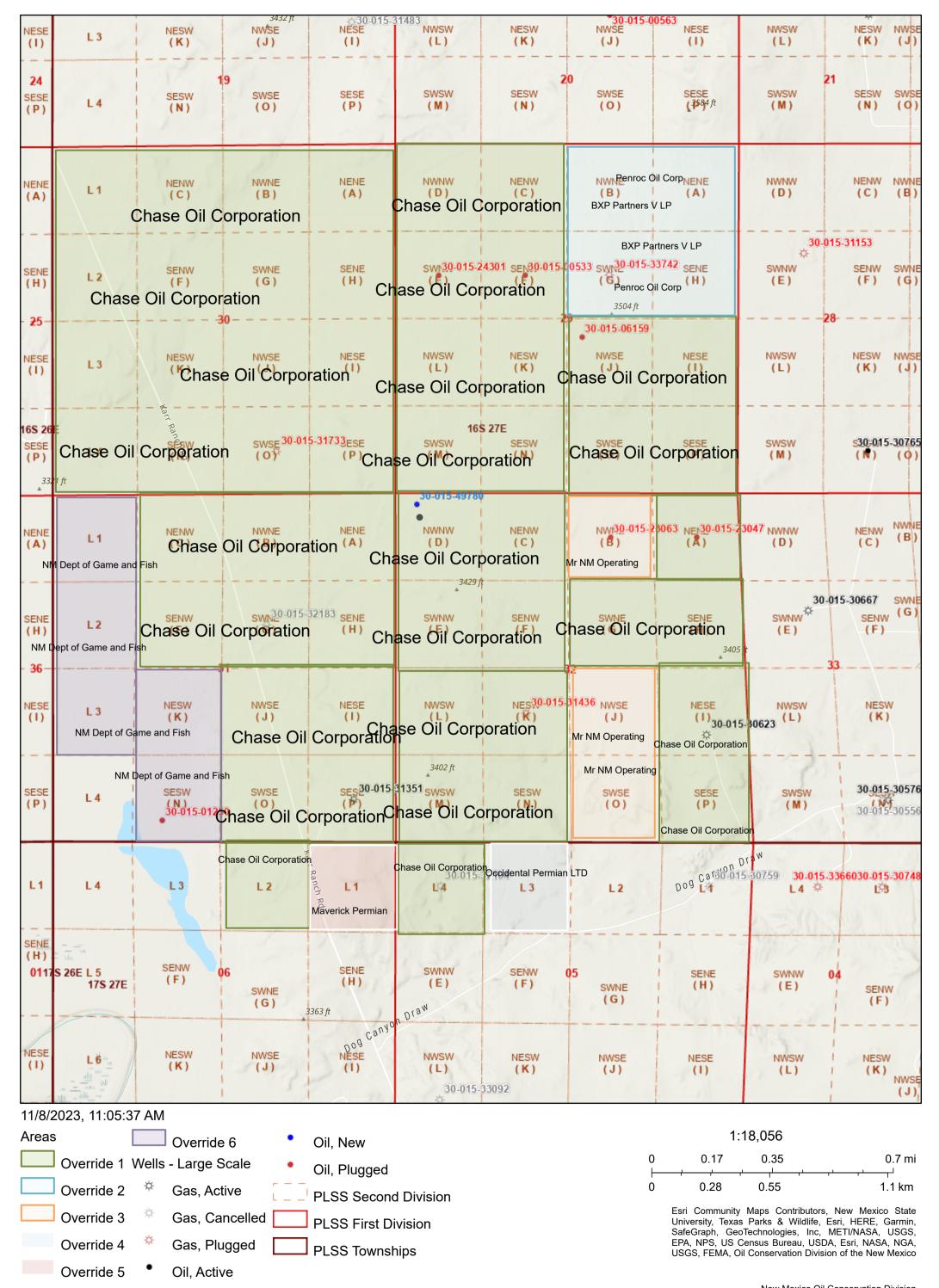


Legal Notice
Mack Energy Corporation, Post Office Box 960, Artesia, NM 88211-1370, has filed an Application with the New Mexico Oil Conservation Division seeking authorization to inject produced water into the Iceberg SWD #1 180 FNL 780 FWL of Section 32, T16S, R27E, NMPM, Eddy County, New Mexico. The water will be injected into the Devonian at a disposal depth will be injected into the Devonian at a disposal depth of 9,205-9,605. Water will be injected at a maximum surface pressure of 2083psi and a maximum injection rate of 15,000-20,000 BWPD. Any interest party with questions or comments may contact Deana Weaver at Mack Energy Corporation, Post Office Box 960, Artesia, NM 88211-1370 or call 575-748-1288. Objections to this application or requests for hearing must be filed with the Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505, within fifteen days of the date of publication of this notice.

Published in the Artesia Daily Press, Artesia, N.M., April 4, 2024 Legal No. 26816.

### **Legal Notice**

Mack Energy Corporation, Post Office Box 960, Artesia, NM 88211-960, has filed an Application with the New Mexico Oil Conservation Division seeking authorization to inject produced water into the Iceberg SWD #1 180FNL 780FWL of Section 32, T16S, R27E, NMPM, Eddy County, New Mexico. The water will be injected into the Devonian at a disposal depth of 9,205-9,605'. Water will be injected at a maximum surface pressure of 2083psi and a maximum injection rate of 15,000-20,000 BWPD. Any interest party with questions or comments may contact Deana Weaver at Mack Energy Corporation, Post Office Box 960, Artesia, NM 88211-1370 or call 575-748-1288. Objections to this application or requests for hearing must be filed with the Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505, within fifteen days of the date of publication of this notice.



Name	Address	City	State	Zip	Certified Mail Id
New Mexico State Land Office	310 Old Santa Fe Trail	Santa Fe	NM	87501	9589 0710 5270 0130 1875 24
Bureau Of Land Management	620 E. Greene St	Carlsbad	NM	88220-6292	9589 0710 5270 0130 1875 31
Occidental Permian LTD	P.O. Box 4294	Houston	TX	77210-4294	9589 0710 5270 0130 1875 48
Mr. NM Operating LLC	5950 Berkshire Lane Suite 1000	Dallas	TX	75225	9589 0710 5270 0130 1875 55
Maverick Permian Agent Corp	1111 Bagby St Ste. 1800	Houston	TX	77002	9589 0710 5270 0130 1875 62
Penroc Oil Corp	1515 W. Calle Sur St. Ste 174	Hobbs	NM	88240-0998	9589 0710 5270 0130 1875 79
BXP Partners V LP	11757 Katy FWY Ste 475	Houston	TX	77079-1761	9589 0710 5270 0130 1875 86
NM Dept. Game and Fish	1 Wildlife Way	Santa Fe	NM	87507	9589 0710 5270 0130 1875 93

Col



March 23, 2022

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

RE: Mack Energy Corporation & Chase Affiliates

Dear Mr. McClure:

Mack Energy Corporation is a Chase Family owned entity. The following Chase individuals or companies are all affiliates of Mack Energy Corporation and usually own an interest in wells drilled and/or operated by Mack Energy Corporation.

- Mack C. Chase Trust
- Robert C. Chase or RDC Minerals LLC
- Richard L. Chase or Ventana Minerals LLC
- Gerene Dianne Chase Ferguson or DiaKan Minerals LLC
- Broken Arrow Royalties LLC
- Chase Oil Corporation
- Sendero Energy LLC
- Katz Resources LLC
- M Squared Energy LLC

All of these family members and companies all office in the same building so notifications can be hand delivered; therefore we request that the certified mail process be waived when these parties are involved.

If you have any questions or need additional information please do not hesitate to contact me. Your assistance is greatly appreciated.

Sincerely,

Mack Energy Corporation

Staci Sanders Land Manager

/ss



April 2, 2024

### <u>Via Certified Mail 9589 0710 5270 0130 1875 24</u> Return Receipt Requested

New Mexico State Land Office 310 Old Santa Fe Trail Santa Fe, NM 87501

To all Interest Owners:

Enclosed for you review is a copy of Mack Energy Corporation's application for a Devonian SWD well. Produced water will be injected at a proposed depth of 9,205-9,605'. The Iceberg SWD #1 located 180 FNL & 780 FWL, Sec. 32 T16S R27E, Eddy County.

The letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to drill this well as a water disposal. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing at 1220 South St. Francis Drive, Santa Fe, NM 87505 within fifteen (15) days of receiving this letter.

Sincerely,

Mack Energy Corporation

ana Weaver

Deana Weaver

Regulatory Technician II

DW/



April 2, 2024

### <u>Via Certified Mail 9589 0710 5270 0130 1875 31</u> Return Receipt Requested

Bureau of Land Management 620 E. Greene Street Carlsbad, NM 88220-6292

To all Interest Owners:

Enclosed for you review is a copy of Mack Energy Corporation's application for a Devonian SWD well. Produced water will be injected at a proposed depth of 9,205-9,605'. The Iceberg SWD #1 located 180 FNL & 780 FWL, Sec. 32 T16S R27E, Eddy County.

The letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to drill this well as a water disposal. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing at 1220 South St. Francis Drive, Santa Fe, NM 87505 within fifteen (15) days of receiving this letter.

Sincerely,

Mack Energy Corporation

eana Weaver

Deana Weaver

Regulatory Technician II

DW/



April 2, 2024

### <u>Via Certified Mail 9589 0710 5270 0130 1875 48</u> Return Receipt Requested

Occidental Permian LTD P.O. Box 4294 Houston, TX 77210-4294

To all Interest Owners:

Enclosed for you review is a copy of Mack Energy Corporation's application for a Devonian SWD well. Produced water will be injected at a proposed depth of 9,205-9,605'. The Iceberg SWD #1 located 180 FNL & 780 FWL, Sec. 32 T16S R27E, Eddy County.

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Sincerely,

Mack Energy Corporation

eana Weaver

Deana Weaver

Regulatory Technician II

DW/



April 2, 2024

### <u>Via Certified Mail 9589 0710 5270 0130 1875 55</u> Return Receipt Requested

Mr. NM Operating LLC 5950 Berkshire Lane Suite 1000 Dallas, TX 75225

To all Interest Owners:

Enclosed for you review is a copy of Mack Energy Corporation's application for a Devonian SWD well. Produced water will be injected at a proposed depth of 9,205-9,605'. The Iceberg SWD #1 located 180 FNL & 780 FWL, Sec. 32 T16S R27E, Eddy County.

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Sincerely,

Mack Energy Corporation

Reanalleaver

Deana Weaver

Regulatory Technician II

DW/



April 2, 2024

### <u>Via Certified Mail 9589 0710 5270 0130 1875 62</u> Return Receipt Requested

Maverick Permian Agent Corp 1111 Bagby St Ste. 1800 Houston, TX 77002

To all Interest Owners:

Enclosed for you review is a copy of Mack Energy Corporation's application for a Devonian SWD well. Produced water will be injected at a proposed depth of 9,205-9,605'. The Iceberg SWD #1 located 180 FNL & 780 FWL, Sec. 32 T16S R27E, Eddy County.

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Sincerely,

Mack Energy Corporation

reana Weaver

Deana Weaver

Regulatory Technician II

DW/



April 2, 2024

# Via Certified Mail 9589 0710 5270 0130 1875 79 Return Receipt Requested

Penroc Oil Corp 1515 W. Calle Sur St. Ste 174 Hobbs, NM 88240-0998

To all Interest Owners:

Enclosed for you review is a copy of Mack Energy Corporation's application for a Devonian SWD well. Produced water will be injected at a proposed depth of 9,205-9,605'. The Iceberg SWD #1 located 180 FNL & 780 FWL, Sec. 32 T16S R27E, Eddy County.

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Sincerely,

Mack Energy Corporation

eana Weaver

Deana Weaver

Regulatory Technician II

DW/



April 2, 2024

### Via Certified Mail 9589 0710 5270 0130 1875 86 Return Receipt Requested

BXP Partners V LP 11757 Katy FWY Ste 475 Houston, TX 77079-1761

To all Interest Owners:

Enclosed for you review is a copy of Mack Energy Corporation's application for a Devonian SWD well. Produced water will be injected at a proposed depth of 9,205-9,605'. The Iceberg SWD #1 located 180 FNL & 780 FWL, Sec. 32 T16S R27E, Eddy County.

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Sincerely,

Mack Energy Corporation

eana Weaver

Deana Weaver

Regulatory Technician II

DW/



April 2, 2024

### Via Certified Mail 9589 0710 5270 0130 1875 93 Return Receipt Requested

NM Department of Game and Fish 1 Wildlife Way Santa Fe, NM 87507

To all Interest Owners:

Enclosed for you review is a copy of Mack Energy Corporation's application for a Devonian SWD well. Produced water will be injected at a proposed depth of 9,205-9,605'. The Iceberg SWD #1 located 180 FNL & 780 FWL, Sec. 32 T16S R27E, Eddy County.

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Sincerely,

Mack Energy Corporation

Deluna Weaver

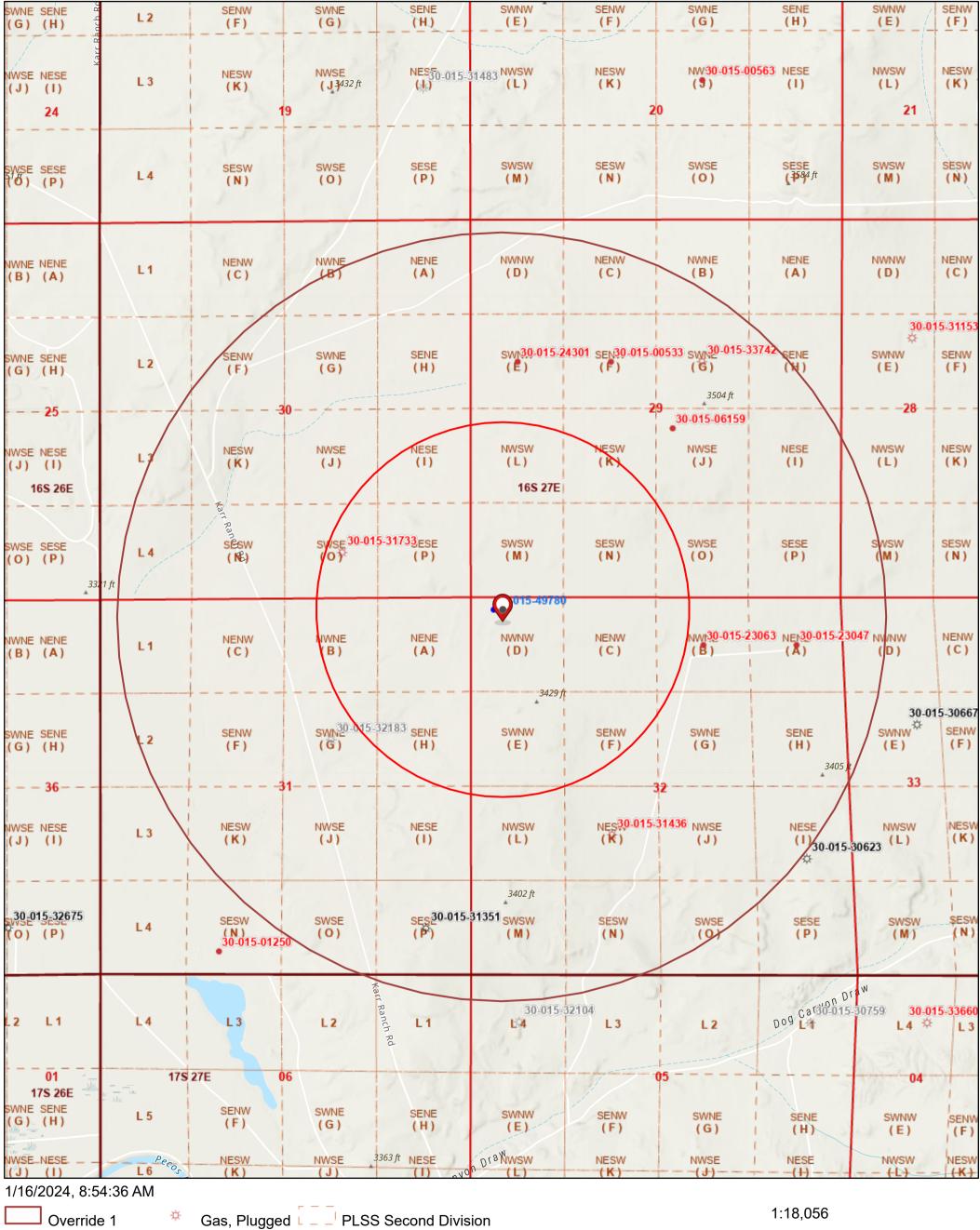
Deana Weaver

Regulatory Technician II

DW/

Iceberg SWD #1 180 FNL 780 FWL Sec. 32 T16S R27E Formation Tops

Quaternary	Surface
Queen	523'
Grayburg	910'
San Andres	1236′
Glorieta	2765'
Tubb	3990'
Abo	4680'
Wolfcamp	5900'
Cisco	6970'
Strawn	7940'
Atoka	8250'
Morrow	8491'
U. Miss	8650'
L. Miss	8840'
Devonian	9205'
Montoya	9605'



✡

Gas, Plugged **L** 

Wells - Large Scale Oil, New

Oil, Plugged

**PLSS First Division** 

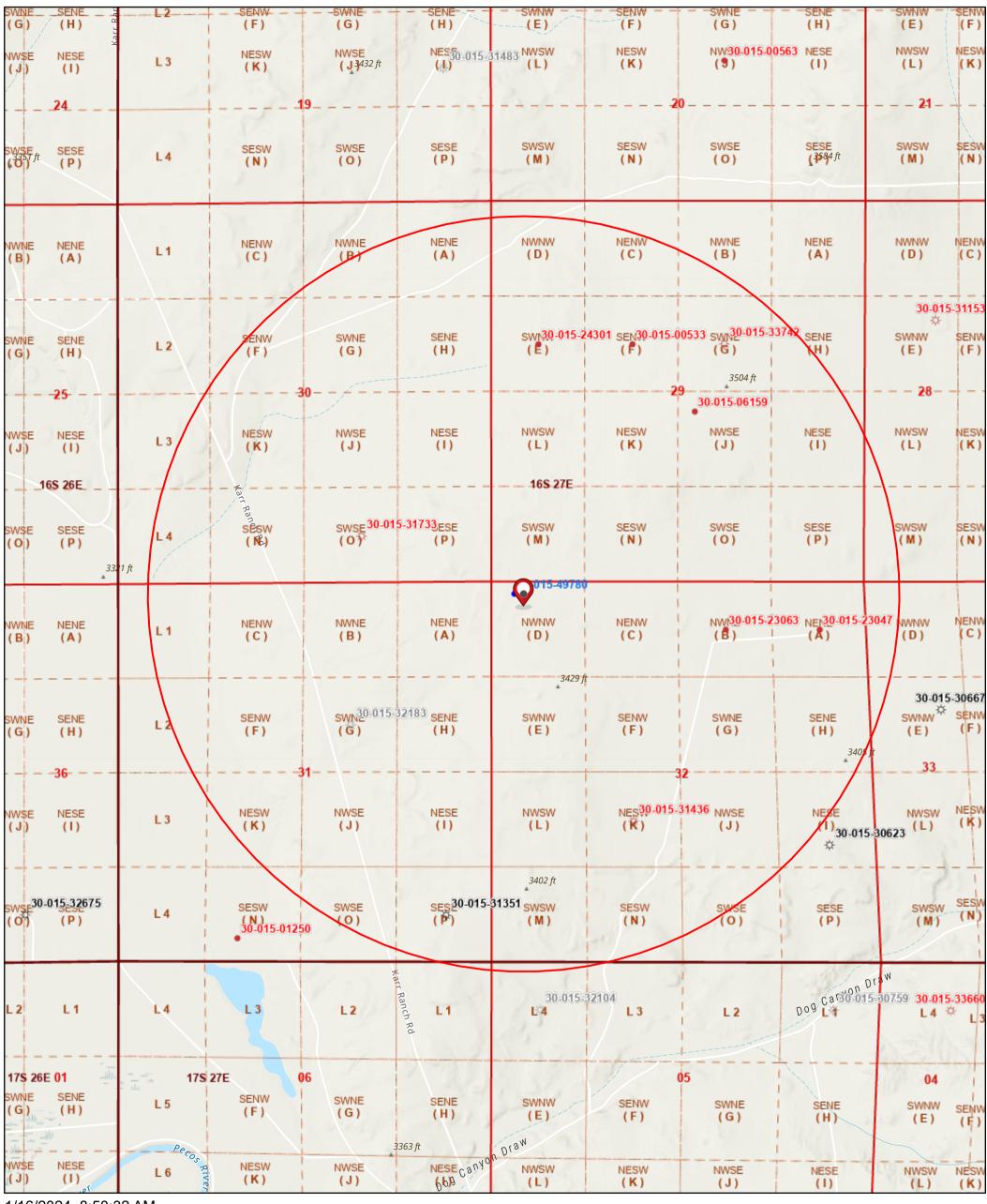
**PLSS Townships** 

Gas, Cancelled

Gas, Active

0 0.17 0.35 0.7 mi 0 0.28 0.55 1.1 km

> Esri, NASA, NGA, USGS, FEMA, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., OCD, Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/



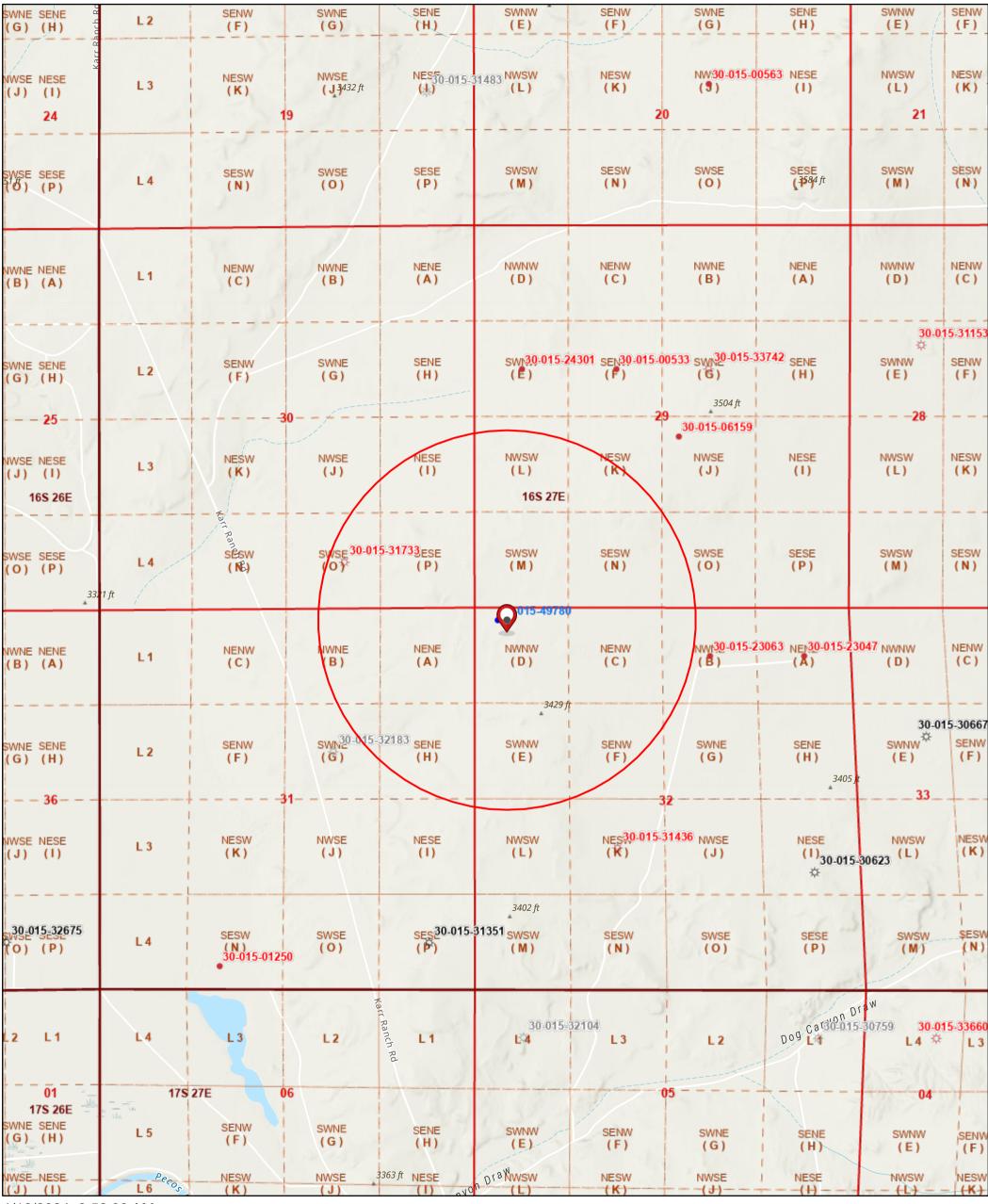
1/16/2024, 8:50:32 AM

Oil, New

Wells - Large Scale Oil, Plugged ₩ Gas, Active **PLSS Second Division** Gas, Cancelled **PLSS First Division** 卆 Gas, Plugged **PLSS Townships** 

1:18,056 0 0.17 0.35 0.7 mi 0.28 1.1 km 0 0.55

Esri, NASA, NGA, USGS, FEMA, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., OCD, Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/



1/16/2024, 8:52:33 AM

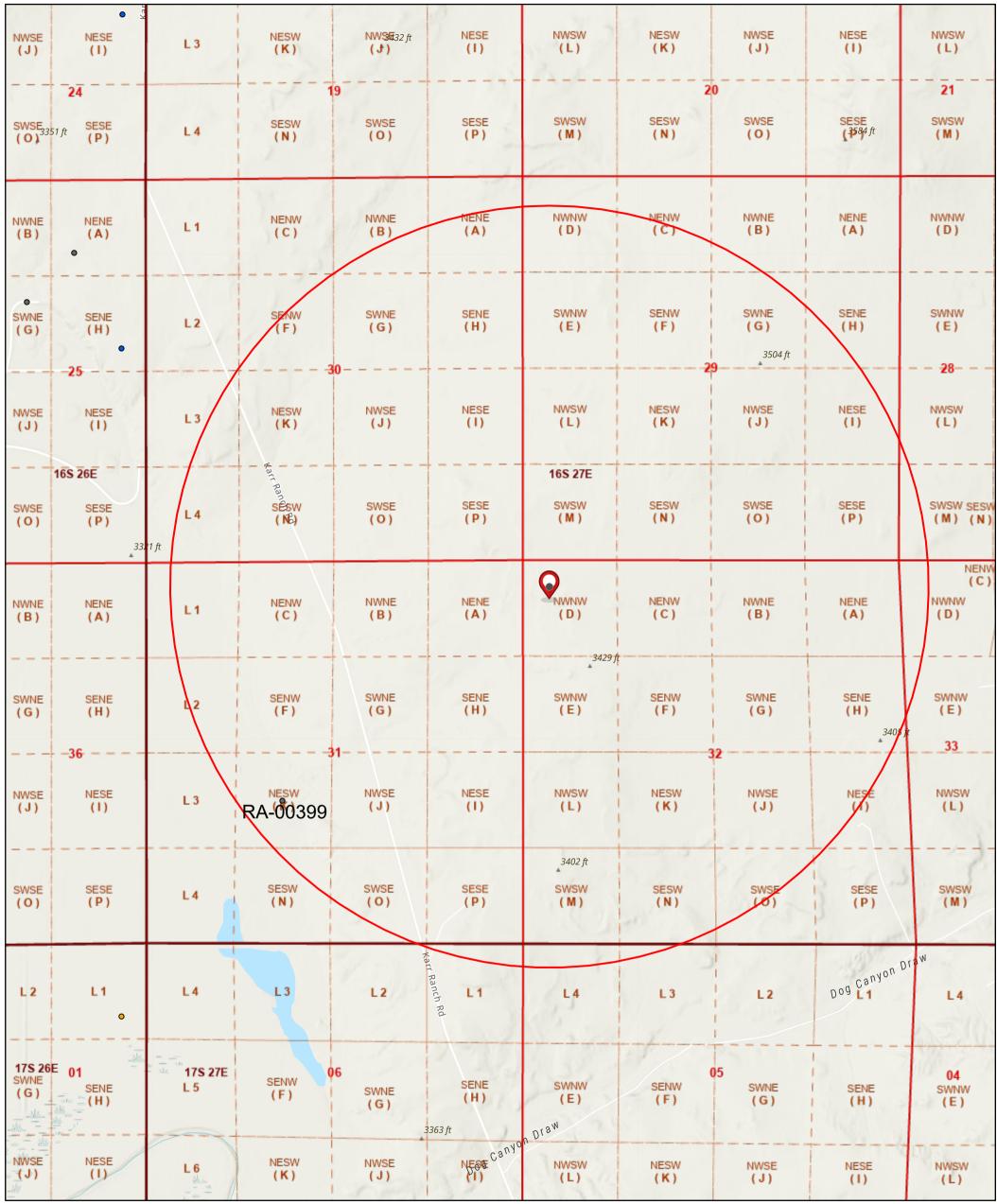
Oil, New

Wells - Large Scale Oil, Plugged ₩ Gas, Active **PLSS Second Division** Gas, Cancelled **PLSS First Division** 卆 Gas, Plugged **PLSS Townships** 

1:18,056 0 0.17 0.35 0.7 mi 0 0.28 0.55 1.1 km

Esri, NASA, NGA, USGS, FEMA, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., OCD, Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/

### **OSE Water PODS**

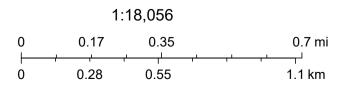


11/15/2023, 10:06:38 AM

OSE Water PODs **PLSS Second Division** Active **PLSS First Division** 

Plugged **PLSS Townships** 

Unknown



Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, Esri, NASA, NGA, USGS, FEMA, OCD, BLM C-108
Well Tabulation Penetrating Injection Zone in Review Area
Mack Energy Corporation
Proposed Disposal Well

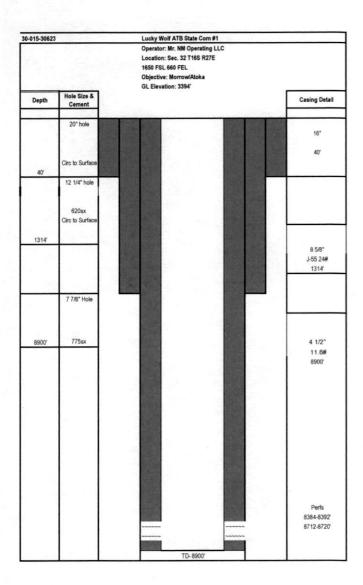
	Mall Name	ADI #	0	Frateur	0	TIAIN	DNO	T	04-4	OI D-t-	O D-4-	TD	DDTD	0 7	0	Hala Olas	01	0	Court Diver
Operator	Well Name	API#	County	Footage	Sec					Spud Date	Comp Date		PBTD	Comp Zone	Comp Interval	Hole Size	Casing Prog	Cement	Cmt Plug
Mack Energy Corporation	Iceberg SWD #1		Eddy	180 FNL 780 FWL	32	16S	27E	SWD	New			9605'		SWD; Devonian	9205-9605' Open Hole	20" @ 400'	13 3/8"	450sx	
																12 1/4" @ 1,500'	9 5/8"	650sx	
																8 3/4" @ 9605'	5 1/2"	2,550sx	
Mack Energy Corporation	Anchorage State #1	30-015-49780	Eddy	180 FNL 330 FWL	32	16S	27E	Oil	T&A	12/13/2022		2665'	2665'	WC 16S27W32; San Andres		12 1/4" @ 418'	9 5/8"	200sx Circ	50sx @ 1400'
																8 3/4" @2717'			195sx @ 754'
																			265sx @ 361'
Devon Operating INC	Riverside 30 Federal Com #1	30-015-31733	Eddy	660 FSL 1830 FEL	30	16S	27E	Gas	P&A	10/13/2001	11/11/2001	8675'		Riverside Morrow		12 1/4" @ 1402'	8 5/8"	830sx Class C	45sx 8227-8377'
																7 7/8" @ 8657'		TOC @ 285'	60sx 6803-6953'
																		Pumped 250sx, Circ 125sx	45sx 4480-4580'
																			40sx 2600-2700'
																			30sx 1352-1452'
																			60sx 150'- Surface
Mack Energy Corporation	Riverside 31 Federal Com #1	30-015-31351	Eddy	660 FSL 660 FEL	31	16S	27E	Gas	Producing	4/23/2001	5/26/2001	8740'	8618'	Riverside Morrow	8355-8408'	11" @ 1310'	8 5/8"	575 sx Class C Circ 110	
						177										7 7/8" @ 8732'	5 1/2"	870sx Class H TOC 5480'	
																7 770 (@ 0732	3 1/2	07 03X 01833 11 10 0 3400	
			1						1						1				+
Devon Energy Production Co	Dorsey 32 State #1	30-015-31436	Eddy	1980 FSL 1980 FWL	32	16S	27E	Gas	P&A	3/25/2001		1381		Crow Flat Morrow	1	12 1/4" @ 1381'	8 5/8"	750sx 35/65 POZ C	NO Plugging Information
Devoir Energy Froduction Co	Dorsey 32 State #1	30=013=31430	Luuy	1300   3L 1300   WL	L 32	103	ZIL	Gas	FOX	3/23/2001		1301		Clow Flat Mollow		12 1/4 (@ 1361	0 3/0		NO Flugging Information
	1		+		+			1	-	1					1	+		200sx Class C Circ 150sx	+
Manual Caractic and C	Lucia Walf ATD Otata One "1	00.045.00000	Edd.	4050 FOL 000 551	20	400	075	0	December 1	0/00/0000	0/0/0004	0000	0750	C. Diamand Manual(A)	0004 0000 - 0740 0700	001 © 401	40"	Omit to Omit on	+
Mr NM Operating LLC	Lucky Wolf ATB State Com #1	30-015-30623	Eddy	1650 FSL 660 FEL	32	16S	27E	Gas	Producing	9/26/2000	2/6/2001	8900	8750	S. Diamond Mound/Atoka	8384-8392 ; 8712-8720'	20" @ 40'	16"	Cmt to Surface	
						_										12 1/4" @ 1314'	8 5/8"	620sx Circ	
																7 7/8" @ 8900'	4 1/2"	775sx	
Merit Energy Company LLC	Lotsa Luck 29 Federal Com #3	30-015-33742	Eddy	1980 FNL 1980 FEL	. 29	16	27E	Gas	P&A	1/23/2005	2/25/2005	9000	8750	Crow Flat Morrow	8574-8584	12 1/4" @ 1,320'	8 5/8"	620sx	25sx 7294' TOC @ 7050'
																7 7/8" @ 8796'	5 1/2"	1565sx	25sx 4923' TOC @ 4671'
																			CIBP @ 2637' w/ 35' Cmt cap
																			CIBP @ 2000' w/ 35' Cmt cap
																			25sx 1420' TOC @ 1231'
																			30sx 250' to Surface
Pre-Ongard Well Operator	Pre-Ongard Well #1	30-015-23063	Eddy	660 FNL 1980 FEL	32	16S	27E	Oil	P&A	11/13/1979	3/5/1080	8825		Atoka & Morrow	8619-8623'	17 1/2" @ 350'	13 3/4"	375sx Circ	Cut 4 1/2" csg @ 6700'
Texas Oil & Gas Co	Duffield State Com #1	50-015-25005	Luuy	000 T NE 1300 T EE	UZ.	100	270	Oil	i un	11/10/10/3	3/3/1300	0020			8171-8178'	12 1/4" @ 1800'	8 5/8"	920sx Circ	35sx @ 6621
Texas Oil & Gas Co	Dunield State Con #1		+			_									8276-8288'	7 7/8" @ 8825'	4 1/2"		
			+			_									02/0-0200	1 1/6 W 6625	4 1/2	600sx TOC @ 6910'	35sx @ 2700'
																_		CIBP @ 8550'	35sx @ 1850'
																_		CIBP @ 8100'	35sx @ 1723'
<u> </u>	+		1	1	-	_	_	-	1	-				1	+	+	+		35sx @ 400'
			Eddy	000 FML 000 FF	20	400	075	011	D0.4	44/0/1077	4/0/4000	4050	1000	4774 40551	0 4	101 (2) 1001	40.0/48	50 Oi	OIDD @ 4700L. ( 00)
	D O W-1' "'	00 045 000 17		660 FNL 660 FEL	32	16S	27E	Oil	P&A	11/2/1979	1/9/1980	1950	1869	1774-1855'	San Andres	12" @ 102'	10 3/4"	50sx Circ	CIBP @ 1720' w/ 30' cmt cap
	Pre-Ongard Well #1	30-015-23047	Luuy						1		l					10" @ 1150'	7"	200sx Circ	25sx @ 1200'
Pre-Ongard Well Operator Garrett Energy Corp	Pre-Ongard Well #1 Leon State #1	30-015-23047	Ludy																
		30-015-23047	Ludy													6 3/4" @ 1950'	4 1/2"	135sx TOC 450'	Cmt 500' to Surface
		30-015-23047	Ludy														4 1/2"		Cmt 500' to Surface
Garrett Energy Corp	Leon State #1																4 1/2"		Cmt 500' to Surface
	Leon State #1	30-015-23047	Eddy		29	168	27E	Oil	P&A	NO WELL F	RECORDS FOL	IND ON OCD					4 1/2"		Cmt 500' to Surface
Garrett Energy Corp	Leon State #1				29	16S	27E	Oil	P&A	NO WELL F	RECORDS FOL	IND ON OCD					4 1/2"		Cmt 500' to Surface
Garrett Energy Corp	Leon State #1	30-015-06159			29	16S	27E	Oil	P&A	NO WELL F	RECORDS FOL	IND ON OCD					4 1/2"		Cmt 500' to Surface
Garrett Energy Corp Pre-Ongard Well Operator	Leon State #1  Pre-Ongard Well #1  Pre-Ongard Well #1			1980 FNL 1980 FWL		16S	27E	Oil	P&A	NO WELL 6		IND ON OCD					4 1/2" 8 5/8"		Cmt 500' to Surface
Garrett Energy Corp  Pre-Ongard Well Operator  Pre-Ongard Well Operator	Leon State #1  Pre-Ongard Well #1  Pre-Ongard Well #1	30-015-06159	Eddy	1980 FNL 1980 FWL															25sx 8490-8550
Garrett Energy Corp Pre-Ongard Well Operator	Leon State #1  Pre-Ongard Well #1	30-015-06159	Eddy	1980 FNL 1980 FWL															25sx 8490-8550 80sx 1650-1900
Garrett Energy Corp  Pre-Ongard Well Operator  Pre-Ongard Well Operator	Leon State #1  Pre-Ongard Well #1  Pre-Ongard Well #1	30-015-06159	Eddy	1980 FNL 1980 FWL															25sx 8490-8550 80sx 1650-1900 25sx 1300-1350
Garrett Energy Corp  Pre-Ongard Well Operator  Pre-Ongard Well Operator	Leon State #1  Pre-Ongard Well #1  Pre-Ongard Well #1	30-015-06159	Eddy	1980 FNL 1980 FWL															25sx 8490-8550 80sx 1650-1900
Pre-Ongard Well Operator Pre-Ongard Well Operator Monterey Oil Co	Leon State #1  Pre-Ongard Well #1  Pre-Ongard Well #1  Federal 22-29	30-015-06159	Eddy		L 29	16S	27E	Oil	P&A	5/20/1959	7/17/1959	8550		Und Riverside Marrow			8 5/8"	135sx TOC 450'	25sx 8490-8550 80sx 1650-1900 25sx 1300-1350 10sx to surface
Pre-Ongard Well Operator  Pre-Ongard Well Operator  Pre-Ongard Well Operator  Monterey Oil Co  Pre-Ongard Well Operator	Leon State #1  Pre-Ongard Well #1  Pre-Ongard Well #1  Federal 22-29  Pre-Ongard Well #1	30-015-06159	Eddy	1980 FNL 1980 FWL	L 29						7/17/1959			Und. Riverside Morrow		6 3/4* @ 1950'	8 5/8"	135sx TOC 450'	25sx 8490-8550 80sx 1650-1900 25sx 1300-1350 10sx to surface 40sx 8200-8350
Pre-Ongard Well Operator Pre-Ongard Well Operator Monterey Oil Co	Leon State #1  Pre-Ongard Well #1  Pre-Ongard Well #1  Federal 22-29	30-015-06159	Eddy		L 29	16S	27E	Oil	P&A	5/20/1959	7/17/1959	8550		Und. Riverside Morrow			8 5/8"	135sx TOC 450'	25sx 8490-8550 80sx 1650-1900 25sx 1300-1350 10sx to surface 40sx 8200-8350 40sx 5800-5950
Pre-Ongard Well Operator  Pre-Ongard Well Operator  Monterey Oil Co  Pre-Ongard Well Operator	Leon State #1  Pre-Ongard Well #1  Pre-Ongard Well #1  Federal 22-29  Pre-Ongard Well #1	30-015-06159	Eddy		L 29	16S	27E	Oil	P&A	5/20/1959	7/17/1959	8550		Und. Riverside Morrow		6 3/4* @ 1950'	8 5/8"	135sx TOC 450'	25sx 8490-8550 80sx 1650-1900 25sx 1300-1350 10sx to surface 40sx 8200-8350 40sx 8600-3550 40sx 4600-4700
Garrett Energy Corp  Pre-Ongard Well Operator  Pre-Ongard Well Operator  Monterey Oil Co  Pre-Ongard Well Operator	Leon State #1  Pre-Ongard Well #1  Pre-Ongard Well #1  Federal 22-29  Pre-Ongard Well #1	30-015-06159	Eddy		L 29	16S	27E	Oil	P&A	5/20/1959	7/17/1959	8550		Und. Riverside Morrow		6 3/4* @ 1950'	8 5/8"	135sx TOC 450'	25sx 8490-8550 80sx 1650-1900 25sx 1300-1350 10sx to surface 40sx 8200-8350 40sx 5800-5950

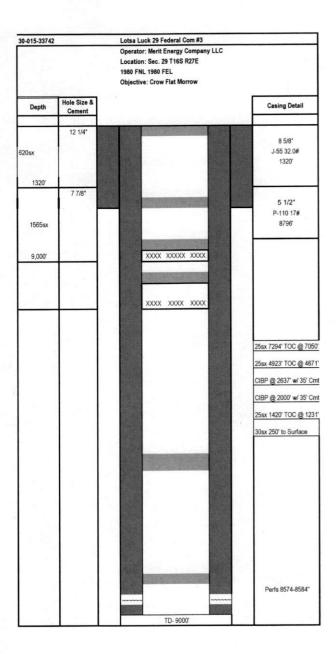
30-015-49780		Anchorage State #1
		Operator: Mack Energy Corporation Location: Sec. 32 T16S R27E 180 FNL 330 FWL Objective: San Andres
Depth	Hole Size & Cement	Casing Detail
250sx Class C	12 1/4"	9 5/8" J-55 32.0# 418'
418'	8 3/4"	50sx @ 1400' 195sx @ 754' 265sx @ 361'
2717'		TD- 2717'

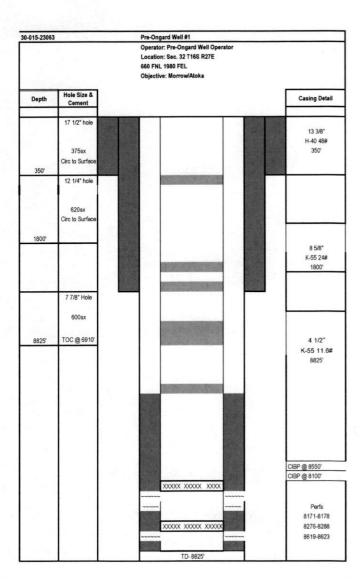
Donth	ole Size & Cement  12 1/4"  c 125sx  7 7/8"	Locatio	n: Sec. 30 L 1830 FEL	Operating In T16S R27E - ide Morrow		8 5/8" J-55 32.0# 1402'
830sx Class C TOC @ 285' Pumped 250sx, Circ 1402'	12 1/4"					8 5/8" J-55 32.0#
TOC @ 285' Pumped 250sx, Circ 1402'	c 125sx					J-55 32.0#
TOC @ 285' Pumped 250sx, Circ 1402'						J-55 32.0#
Pumped 250sx, Circ 1402'						1402
	7 7/8"					
8657'					The Real Property lies and the least lies and the lies and the lies and the least lies and the least lies and the lies and t	
8657'						
	1					
						45sx 8227-8377'
						60sx 6803-6953'
						45sx 4480-4580'
			基层主义			40sx 2600-2700'
		1				30sx 1352-1452'
si		1				60sx 150'- Surface
-						
			<u> </u>	D- 8657'		-

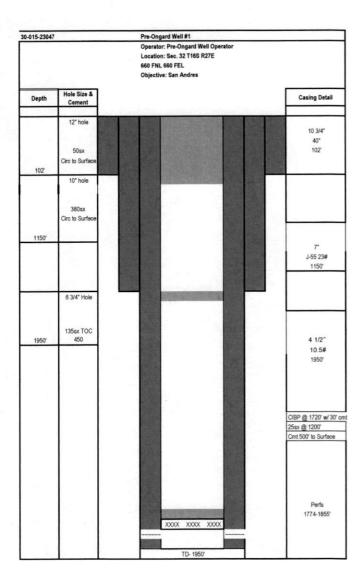
30-015-31351		Riverside 31 Federal Com #1	5.3.2
		Operator: Mack Energy Corp Location: Sec. 31 T16S R27E 660 FSL 660 FEL Objective: Riverside Morrow	
Depth	Hole Size & Cement		Casing Detail
575sx C, Circ 110sx 1310'	11'		8 5/8" K-55 32.0# 1402'
870sx H TOC @ 5480'	7 7/8"		5 1/2" L-80 K-55 17# 8732
8732'			
		~~~~	Perfs 8355-8408'
		TD- 8732'	

30-015-31436		Dorsey 32 State #1	
		Operator: Devon Operating Inc	
		Location: Sec. 32 T16S R27E	
		1980 FSL 1980 FWL	
		Objective: Crow Flat Morrow	
		NO PLUGGING INFORMATION AVAILABLE	
Donth	Hole Size &	Casing Deta	il
Depth	Cement	Casing Deta	
	12 1/4"		
		8 5/8"	
750sx 35/65		K-55 32.0#	
200sx C		1402'	
Circ		1381'	
1381'			
	1		
	1		
	3		
		-	
	1 12		
	1		
		TD-1381'	

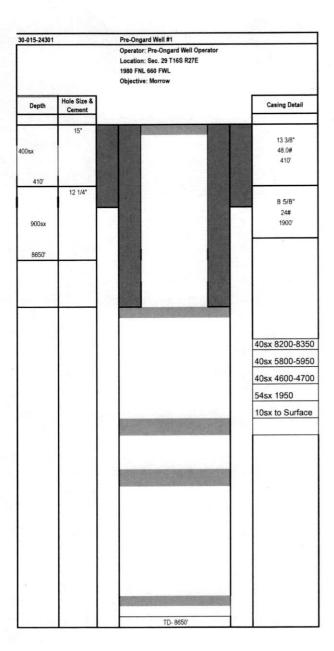








30-015-00533		Pre-Ongard Well #1	
		Operator: Pre-Ongard Well Operator Location: Sec. 29 T16S R27E 1980 FNL 1980 FWL Objective: NO DRILLING INFORMATION AVAILABL	E
Depth	Hole Size & Cement		Casing Detail
			8 5/8" 28.0#
8865'			1323'
			25sx 8490-8550 80sx 1650-1900 25sx 1300-1350 10sx to surface
	-		
	es sees	TD-8865'	



Sample Point:



Wellhead

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

#### **Water Analysis Report**

Customer:	Mack Energy Corporation		Sample #:	228768
Area:	Artesia		Analysis ID #:	177464
Lease:	RA 00399			
Location:	Sec 31 T16s R27e	0		

Sampling Date:	1/11/2023	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	1/19/2023	Chloride:	2292.6	64.67	Sodium:	1099.0	47.8
Analyst:	Catalyst	Bicarbonate:	195.2	3.2	Magnesium:	194.9	16.03
TDC /ma/l or a/m2).	5570.1	Carbonate:			Calcium:	578.4	28.86
TDS (mg/l or g/m3):	1.006	Sulfate:	1200.0	24.98	Potassium:	6.6	0.17
Density (g/cm3):	1.006	Borate*:	2.6	0.02	Strontium:	0.4	0.01
		Phosphate*			Barium:	0.2	0.
Hydrogen Sulfide:	7.14				Iron:	0.1	0.
, ,			sed on measured		Manganese:	0.123	0.
Carbon Dioxide:	115	elemental bord	on and phosphorus.				
		pH at time of sampl	ing:	7.55			
Comments:		pH at time of analys	sis:				
		pH used in Calcula	ation:	7.55			
		Temperature @ lab	conditions (F):	75	Conductivity (mic Resistivity (ohm r	•	8171 1.2238

		Values C	alculated	at the Give	n Conditi	ons - Amoເ	ınts of Sc	ale in lb/100	00 bbl	
Гетр	Calcite CaCO <sub>3</sub>	7.	sum 04*2H <sub>2</sub> 0		ydrite aSO <sub>4</sub>		estite rSO <sub>4</sub>		rite aSO <sub>4</sub>	
°F	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount
80	0.66	11.15	-0.30	0.00	-0.37	0.00	-1.76	0.00	1.07	0.00
100	0.76	13.94	-0.31	0.00	-0.31	0.00	-1.75	0.00	0.92	0.00
120	0.86	17.08	-0.30	0.00	-0.22	0.00	-1.72	0.00	0.80	0.00
140	0.97	20.57	-0.28	0.00	-0.12	0.00	-1.69	0.00	0.70	0.00
160	1.08	24.05	-0.26	0.00	0.01	8.71	-1.65	0.00	0.63	0.00
180	1.20	27.89	-0.23	0.00	0.15	125.48	-1.61	0.00	0.57	0.00
200	1.32	31.72	-0.20	0.00	0.30	225.52	-1.56	0.00	0.53	0.00
220	1.45	35.21	-0.17	0.00	0.47	308.48	-1.51	0.00	0.51	0.00



#### **Active & Inactive Points of Diversion**

(with Ownership Information)

Well

(R=POD has been replaced and no longer serves this file,

Tag Code Grant

(quarters are 1=NW 2=NE 3=SW 4=SE) C=the file is closed)

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

 Source
 6416 4
 Sec
 Tws
 Rng

 Shallow
 2 3 31 16S 27E

WR File Nbr

Record Count: PLSS Search:

RA 00399

(acre ft per annum)

basin Use Diversion Owner 0 LOS GENTRY DOM

County POD Number

ED RA 00399

Township: 16S Range: 27E

Section(s): 31 Sorted by: File Number

RA

\*UTM location was derived from PLSS - see Help

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

1/22/24 10:49 AM



## Water Right Summary

WR File Number:

RA 00399

Subbasin: RA

Cross Reference: -

**Primary Purpose:** 

DOM

72-12-1 DOMESTIC ONE HOUSEHOLD

**Primary Status:** 

DCL DECLARATION

50

File/Act

Subfile:

Transaction Desc.

Header: -

**Total Acres: Total Diversion:** 

0

Cause/Case:

Owner:

LOS GENTRY

**Documents on File** 

From/ To

Diversion Consumptive Acres

1927-08-04

2 DCL PRC RA 00399

T

0

**Current Points of Diversion** 

(NAD83 UTM in meters)

**POD Number** RA 00399

Well Tag

Source

64Q16Q4Sec Tws Rng 2 3 31 16S 27E

Other Location Desc 563583 3637879\* NE CORNER NE SW

50

\*An (\*) after northing value indicates UTM location was derived from PLSS - see Help

Place of Use

256 64 Q16 Q4Sec Tws Rng

Diversion Acres

CU Use Priority

Status Other Location Desc

3 31 16S 27E

50

IRR

DCL

Source

Diversion Acres 50

**IRR** 

Source Description GW

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1/23/24 9:20 AM

WATER RIGHT SUMMARY



# **Transaction Summary**

DCL Declaration of a Water Right

Transaction Number:

Transaction Desc: RA 00399 200703

File Date: 08/04/1927

**Primary Status:** 

DCL

Declared

Processed

Secondary Status: PRC

Person Assigned:

Applicant: LOS GENTRY

**Events** 

Description

Comment

Processed By

08/04/1927

Type APP

Application Received

08/04/1927

**FTN** 

Finalize non-published Trans.

Water Right Information

WR File Nbr RA 00399

Acres

Diversion

Consumptive Purpose of Use

IRR IRRIGATION

\*\*Point of Diversion

RA 00399

563583

\*An (\*) after northing value indicates UTM location was derived from PLSS - see Help

\*\*Place of Use

Q Q Q

256 64 16

4

Acres

Consumptive Use Priority Diversion

Status Other Loc Desc

50

**IRR** 

DCL

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1/23/24 9:21 AM

TRANSACTION **SUMMARY** 



**Point of Diversion Summary** 

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number**  Q64 Q16 Q4 Sec Tws Rng

RA 00399

2 3 31 16S 27E

563583 3637879\*

**Driller License:** 

225

**Driller Company:** 

RODGERS & CO., INC.

**Driller Name:** 

RODGERS

03/04/1957

03/04/1957 **Drill Finish Date:** 

Plug Date:

Shallow

**Drill Start Date:** Log File Date:

04/08/1957

**PCW Rcv Date:** 

Source:

**Pump Type:** 

Pipe Discharge Size:

Estimated Yield: 150 GPM

**Casing Size:** 

Depth Well:

Depth Water:

\*UTM location was derived from PLSS - see Help

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

1/22/24 10:49 AM

POINT OF DIVERSION SUMMARY



#### **Active & Inactive Points of Diversion**

(with Ownership Information)

No PODs found.

PLSS Search:

Section(s): 30

Township: 16S

Range: 27F

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

1/22/24 10:50 AM



## **Active & Inactive Points of Diversion**

(with Ownership Information)

No PODs found.

PLSS Search:

Section(s): 32

Township: 16S

Range: 27E

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.

1/22/24 10:47 AM



## **Active & Inactive Points of Diversion**

(with Ownership Information)

No PODs found.

PLSS Search:

Section(s): 29

Township: 16S

Range: 27E

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1/22/24 10:48 AM



#### **Water Analysis Report**

0

Sample #:

Analysis ID #:

81463

80383

Customer: Mack Energy Corporation

Area: Artesia

Lease: Prince Rupert

Location: Fed #4H

Sample Point: Wellhead

Sampling Date:	1/10/2019	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	1/22/2019	Chloride:	89383.7	2521.19	Sodium:	53970.0	2347.56
Analyst:	Catalyst	Bicarbonate:	175.7	2.88	Magnesium:	1013.0	83.33
TDS (mall or alm2):	150968.6	Carbonate:			Calcium:	2725.0	135.98
TDS (mg/l or g/m3): Density (g/cm3):	1.102	Sulfate:	2800.0	58.3	Potassium:	644.4	16.48
Density (g/cilis).	1.102	Borate*:	190.4	1.2	Strontium:	55.6	1.27
	,	Phosphate*			Barium:	0.9	0.01
Hydrogen Sulfide:	5	*Calculated ba	sed on measured		Iron:	9.0	0.32
Carbon Dioxide:	97		on and phosphor		Manganese:	0.857	0.03
		pH at time of sampl	ling:	6.65			
Comments:		pH at time of analys	sis:				
		pH used in Calcula	ation:	6.65	0		200270
		Temperature @ lab conditions (F): 75			Conductivity (micro-ohms/cm): Resistivity (ohm meter):		.0500

	Valu	Values C	alculated	at the Give	n Conditi	ons - Amou	unts of Sc	ale in lb/10	00 bbl	
Гетр	Calcite CaCO <sub>3</sub>		sum 04*2H <sub>2</sub> 0	Contracting the Contracting of t	ydri e aSO <sub>4</sub>		estite rSO <sub>4</sub>		rite aSO <sub>4</sub>	
°F	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount
80	0.05	0.91	-0.13	0.00	-0.13	0.00	-0.11	0.00	1.22	0.60
100	0.13	2.72	-0.20	0.00	-0.13	0.00	-0.13	0.00	1.02	0.30
120	0.22	4.84	-0.26	0.00	-0.11	0.00	-0.15	0.00	0.84	0.30
140	0.30	7.26	-0.30	0.00	-0.06	0.00	-0.15	0.00	0.69	0.30
160	0.37	9.68	-0.34	0.00	0.00	6.96	-0.15	0.00	0.56	0.30
180	0.45	12.70	-0.37	0.00	0.08	166.07	-0.14	0.00	0.45	0.30
200	0.52	15.73	-0.40	0.00	0.18	328.81	-0.13	0.00	0.36	0.30
220	0.60	18 75	-0.42	0.00	0.28	485 19	-0.11	0.00	0.28	0.30



#### **Water Analysis Report**

Sample #:

Analysis ID #:

78595

76096

Customer:	Mack Energy Corporation	
Area:	Artesia	
Lease:	Chilliwack	
Location:	Fed Com 1H	0
Sample Point:	Wellhead	

Sampling Date:	11/28/2018	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	12/3/2018	Chloride:	104292.8	2941.72	Sodium:	63550.0	2764.27
Analyst:	Catalyst	Bicarbonate:	131.8	2.16	Magnesium:	1027.0	84.49
TDS (mg/l or g/m3):	175963.5	Carbonate:			Calcium:	2882.0	143.81
Density (g/cm3):	1.118	Sulfate:	3200.0	66.62	Potassium:	707.0	18.08
Density (g/cilis).	1.110	Borate*:	108.1	0.68	Strontium:	63.7	1.45
		Phosphate*			Barium:	0.8	0.01
Hydrogen Sulfide:	4	9 N			Iron:	0.1	0.
Carbon Dioxide:	108		ased on measured on and phosphore		Manganese:	0.189	0.01
•		pH at time of samp	oling:	6.95	=		
Comments:		pH at time of analy	sis:				
		pH used in Calcu	ation:	6.95			
		Temperature @ la	b conditions (F):	75	Conductivity (mi- Resistivity (ohm	200381 .0499	

		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl									
Гетр	- 100	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> *2H <sub>2</sub> 0		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>	
°F	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	
80	0.28	2.95	-0.07	0.00	-0.05	0.00	-0.04	0.00	1.17	0.30	
100	0.32	3.84	-0.14	0.00	-0.06	0.00	-0.07	0.00	0.97	0.30	
120	0.36	5.02	-0.21	0.00	-0.05	0.00	-0.09	0.00	0.79	0.30	
140	0.39	6.20	-0.26	0.00	-0.01	0.00	-0.10	0.00	0.63	0.30	
160	0.43	7.38	-0.31	0.00	0.05	111.64	-0.10	0.00	0.50	0.30	
180	0.46	9.16	-0.34	0.00	0.12	261.08	-0.09	0.00	0.38	0.30	
200	0.50	10.93	-0.38	0.00	0.21	418.50	-0.08	0.00	0.29	0.30	
220	0.55	12.99	-0.41	0.00	0.31	573.26	-0.07	0.00	0.21	0.30	



#### **Water Analysis Report**

Sample #:

Analysis ID #:

81533

80615

Customer:	Mack Energy Corporation				
Area:	Artesia				
Lease:	Saskatoon				
Location:	Fed Com 1H	0			
Sample Point:	Wellhead				

	0			1.0			
Sampling Date:	1/10/2019	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	1/23/2019	Chloride:	91681.1	2585.99	Sodium:	54050.0	2351.04
Analyst:	Catalyst	Bicarbonate:	153.7	2.52	Magnesium:	1173.0	96.5
TDS (mg/l or g/m3):	151377.2	Carbonate:			Calcium:	2767.0	138.07
Density (g/cm3):	1.105	Sulfate:	700.0	14.57	Potassium:	647.0	16.55
Density (g/cilio).	1.100	Borate*:	144.3	0.91	Strontium:	60.1	1.37
		Phosphate*			Barium:	0.6	0.01
Hydrogen Sulfide:	4				Iron:	0.0	0.
Carbon Dioxide:	90		sed on measured in and phosphoru		Manganese:	0.416	0.02
0		pH at time of sampli	ng:	7.23	14		
Comments:		pH at time of analys	is:	2			
		pH used in Calcula	tion:	7.23	0		407040
. 2		Temperature @ lab	conditions (F):	75	Conductivity (mi Resistivity (ohm		197210 .0507

		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl											
Гетр		Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> *2H <sub>2</sub> 0		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>			
°F	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount			
80	0.57	6.35	-0.72	0.00	-0.71	0.00	-0.66	0.00	0.45	0.30			
100	0.57	7.26	-0.79	0.00	-0.72	0.00	-0.69	0.00	0.25	0.00			
120	0.58	8.77	-0.84	0.00	-0.69	0.00	-0.70	0.00	0.07	0.00			
140	0.59	10.28	-0.89	0.00	-0.65	0.00	-0.71	0.00	-0.08	0.00			
160	0.60	12.10	-0.93	0.00	-0.59	0.00	-0.70	0.00	-0.21	0.00			
180	0.63	13.91	-0.96	0.00	-0.51	0.00	-0.70	0.00	-0.32	0.00			
200	0.66	16.03	-0.99	0.00	-0.41	0.00	-0.69	0.00	-0.42	0.00			
220	0.71	18.45	-1.01	0.00	-0.31	0.00	-0.67	0.00	-0.49	0.00			



#### **Water Analysis Report**

Customer:

Mack Energy Corporation

Sample #:

118208

Area:

Artesia

Analysis ID #:

107555

Lease:

Montreal

Location:

1H

0

Sample Point:

Wellhead

Sampling Date:	2/13/2020	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	3/4/2020	Chloride:	101615.8	2866.21	Sodium:	62440.0	2715.99
Analyst:	Catalyst	Bicarbonate:	197.6	3.24	Magnesium:	965.3	79.41
TDC ( () ( 2):	172020.9	Carbonate:			Calcium:	2569.0	128.19
TDS (mg/l or g/m3):	1.116	Sulfate:	3400.0	70.79	Potassium:	660.8	16.9
Density (g/cm3):	1.116	Borate*:	110.4	0.7	Strontium:	57.8	1.32
		Phosphate*			Barium:	3.4	0.05
Hydrogen Sulfide:	7.4				Iron:	0.2	0.01
Carbon Dioxide:	102		ased on measured on and phosphoru		Manganese:	0.550	0.02
		pH at time of samp	ling:	7.14			
Comments:		pH at time of analys	sis:				
		pH used in Calcul	ation:	7.14			
		Temperature @ la	b conditions (F):	75	Conductivity (mid Resistivity (ohm		199270 .0502

		Values C	alculated	at the Give	n Conditi	Conditions - Amounts of Scale in lb/1000 bbl						
Temp	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> *2H <sub>2</sub> 0		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>			
°F	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount		
80	0.58	8.60	-0.09	0.00	-0.08	0.00	-0.05	0.00	1.83	1.78		
100	0.59	10.08	-0.16	0.00	-0.08	0.00	-0.08	0.00	1.63	1.78		
120	0.60	11.86	-0.23	0.00	-0.07	0.00	-0.10	0.00	1.45	1.78		
140	0.61	13.93	-0.28	0.00	-0.03	0.00	-0.10	0.00	1.30	1.78		
160	0.63	16.01	-0.32	0.00	0.03	69.97	-0.10	0.00	1.16	1.78		
180	0.65	18.38	-0.36	0.00	0.11	226.51	-0.10	0.00	1.05	1.78		
200	0.68	21.05	-0.39	0.00	0.19	391.65	-0.09	0.00	0.95	1.48		
220	0.73	24.01	-0.42	0.00	0.29	555.31	-0.08	0.00	0.87	1.48		



#### **Water Analysis Report**

0

Customer:

Mack Energy Corporation

Sample #:

100487

Area:

Drilling

Analysis ID #:

94751

Lease:

Maple Ridge

Location:

Fed #1

1#1

Sample Point:

Wellhead

Sampling Date:	7/29/2019	Anions	mg/l	meq/I	Cations	mg/l	meq/l
Analysis Date:	8/8/2019	Chloride:	84902.3	2394.79	Sodium:	51250.0	2229.25
Analyst:	Catalyst	Bicarbonate:	241.6	3.96	Magnesium:	1177.0	96.82
TDC (///2):	144232	Carbonate:			Calcium:	2566.0	128.04
TDS (mg/l or g/m3):	1.097	Sulfate:	3300.0	68.71	Potassium:	564.2	14.43
Density (g/cm3):	1.057	Borate*:	173.9	1.1	Strontium:	53.5	1.22
		Phosphate*			Barium:	1.5	0.02
Hydrogen Sulfide:	14				Iron:	1.5	0.05
			sed on measured	The second second second	Manganese:	0.460	0.02
Carbon Dioxide:	162.8	elemental boro	on and phosphoru	IS.			
		pH at time of sample	ing:	6.41			
Comments:		pH at time of analys	sis:				
		pH used in Calcula	ation:	6.41			
		Temperature @ lat	conditions (F):	75	Conductivity (mic Resistivity (ohm		194536

		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl											
Temp	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> *2H <sub>2</sub> 0		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>				
°F	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount			
80	-0.09	0.00	-0.09	0.00	-0.09	0.00	-0.04	0.00	1.52	0.91			
100	0.01	0.30	-0.15	0.00	-0.08	0.00	-0.06	0.00	1.33	0.91			
120	0.10	3.96	-0.20	0.00	-0.06	0.00	-0.08	0.00	1.15	0.61			
140	0.21	8.22	-0.25	0.00	-0.01	0.00	-0.08	0.00	1.00	0.61			
160	0.31	12.48	-0.28	0.00	0.06	131.82	-0.08	0.00	0.87	0.61			
180	0.41	17.35	-0.31	0.00	0.14	299.86	-0.07	0.00	0.76	0.61			
200	0.51	21.92	-0.33	0.00	0.24	471.86	-0.06	0.00	0.67	0.61			
220	0.61	26.79	-0.35	0.00	0.35	637.46	-0.04	0.00	0.60	0.61			

Sample Point:



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

#### Water Analysis Report

Sample #:

Analysis ID #:

55880

53988

Customer:	Mack Energy Corporation	0.755
Area:	Artesia	
Lease:	White Rock	
Location:	Federal #1H	

Wellhead

Sampling Date:	12/21/2017	Anions	mg/l	meq/l	Cations	mg/l	meg/l
Analysis Date:	1/6/2018	Chloride:	93901.4	2648.62	Sodium:	58100.0	2527.21
Analyst:	Catalyst	Bicarbonate:	241.6	3.96	Magnesium:	969.6	79.76
TDS (mg/l or g/m3):	161820.5	Carbonate:		100000000000000000000000000000000000000	Calcium:	2737.0	136.58
Density (g/cm3):	1,107	Sulfate:	5000.0	104.1	Potassium:	571.6	14.62
Density (g/cms).	1.107	Borate*:	229.5	1.45	Strontium:	66.0	1.51
-	- 1	Phosphate*			Barium:	0.0	0.
Hydrogen Sulfide:	11				Iron:	3.8	0.14
Carbon Dioxide:	242		ased on measure on and phosphor		Manganese:	0.000	0.
Comments:		pH at time of samp		6.9			
		pH at time of analys	sis:				
		pH used in Calcula	ation:	6.9			470040
		Temperature @ la	b conditions (F):	75	Conductivity (min		176042 .0568

		Values C	alculated	at the Give	n Conditi	ons - Amou	ints of Sc	ale in lb/10	00 bbl	
Temp	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> *2H <sub>2</sub> 0		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>	
°F	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount
80	0.43	9.88	0.10	359.72	0.11	305.55	0.18	14.96	0.00	0.00
100	0.49	12.27	0.03	111.03	0.10	296.88	0.16	13.17	0.00	0.00
120	0.55	14.96	-0.03	0.00	0.13	355.53	0.14	11.97	0.00	0.00
140	0.60	17.96	-0.08	0.00	0.17	467.16	0.13	11.67	0.00	0.00
160	0.64	20.95	-0.12	0.00	0.23	615.30	0.14	11.67	0.00	0.00
180	0.69	24.54	-0.15	0.00	0.31	784.69	0.14	12.27	0.00	0.00
200	0.75	28.13	-0.18	0.00	0.40	962.15	0.15	12.87	0.00	0.00
220	0.80	31.72	-0.20	0.00	0.51	1137.23	0.17	13.77	0.00	0.00

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 Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 329332

#### **CONDITIONS**

Operator:	OGRID:
MACK ENERGY CORP	13837
P.O. Box 960	Action Number:
Artesia, NM 882110960	329332
	Action Type:
	[C-108] Fluid Injection Well (C-108)

#### CONDITIONS

Created By	Condition	Condition Date
mgebremichael	None	4/25/2024