

District I
1625 N. French Dr. Hobbs NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6174 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

Form C-101
Revised July 18, 2013

Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis
Santa Fe, NM 87505

HOBBS OCD
MAY 14 2018
RECEIVED

AMENDED REPORT

MIN 5
SURF P

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, BUGBACK, OR ADD A ZONE

Operator Name and Address Mack Energy Corporation P.O. Box 960, Artesia, NM 88211-0960		UGRID Number 013837
Property Code 321429	Property Name Frogwater SWD	API Number 70-025-35594 Well No. 1

Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
F	8	16S	33E		1980	North	1980	West	Lea, NM

Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

Pool Information

Pool Name SWD; Devonian- SILURIAN	Pool Code 97869
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Additional Well Information

Work Type Re-Entry - Deepen	Well Type SWD	Cable/Rotary	Lease Type	Ground Level Elevation
Multiple NO	Proposed Depth 15,850'	Formation	Contractor	Spud Date
Depth to Ground water	Distance from nearest fresh water well		Distance to nearest surface water	

We will be using a closed-loop system in lieu of lined pits

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
	17 1/2"	13 3/8" (Existing)	45#	453'	495sx	0
J-55	12 1/4"	9 5/8" (Existing)	40#	4245'	1725sx	0
HCP-110 & S-95	8 3/4"	5 1/2"	17 & 20#	15,500'	2065sx	0

Casing/Cement Program: Additional Comments

Drill 8 3/4" hole to 15,500', run 5 1/2" csg/cmt. Put well on injection

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> , if applicable. Signature: <i>Deana Weaver</i>	OIL CONSERVATION DIVISION	
	Approved By: <i>[Signature]</i>	
Printed name Deana Weaver	Title	
Title Production Clerk	Approved Date: 06/08/18	Expiration Date: 06/08/20
E-mail Address dweaver@mec.com		
Date 5.10.18	Phone 575-748-1288	Conditions of Approval Attached See Attached

Conditions of Approval

CONDITIONS OF APPROVAL

API #	Operator	Well name & Number
30-025-35594	MACK ENERGY CORP	FROGWATER SWD # 001

Applicable conditions of approval marked with XXXXXX

Administrative Orders Required

XXXXXXX	Will require administrative order for SWD prior to placing the well on injection

Other wells

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Drilling

XXXXXXX	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string

Casing

XXXXXXX	PRODUCTION CASING - Cement must circulate to surface --
XXXXXXX	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement

Completion & Production

XXXXXXX	Must notify Hobbs OCD office prior to conducting MIT (575) 393-6161 ext. 114
XXXXXXX	Must conduct MIT prior to any injection