

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) 748-1284
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

HOBBS OCD
JUL 20 2018
RECEIVED

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

Form C-101
Revised July 18, 2013

☐ AMENDED REPORT

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

Operator Name and Address Mack Energy Corporation P.O. Box 960, Artesia, NM 88211-0960		OGRID Number 013837
Property Code 322155	Property Name Rapala State	Well No. 1
API Number 30-025-31685		

Surface Location

UL - Lot 13 M	Section 4	Township 16S	Range 33E	Lot Idn 13	Feet from 3300	N/S Line South	Feet From 649	E/W Line West	County Lea, NM
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Proposed Bottom Hole Location

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

Round Tank; San Andres	Pool Name ARAB-C; SAN ANDRES	Pool Code 52770 2283
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Additional Well Information

Work Type Re-Entry	Well Type Oil	Cable/Rotary	Lease Type State	Ground Level Elevation 4238.9'
Multiple NO	Proposed Depth 5890'	Formation San Andres	Contractor	Spud Date 11/1/2018
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
J-55	12 1/4"	9 5/8" (Existing)	36#	1460'	1100sx	0
L-80	8 3/4"	5 1/2"	17#	5890'	750sx	0

Casing/Cement Program: Additional Comments

Drill 8 3/4" hole to 5890', run 5 1/2" csg/cmt. Put well on production.

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: Deana Weaver		OIL CONSERVATION DIVISION	
Printed name Deana Weaver		Approved By: Karen Sharp	
Title Production Clerk		Title Staff Mgr	
E-mail Address dweaver@mec.com		Approved Date: 7-23-18	Expiration Date: 7-23-20
Date	Phone 575-748-1288	Conditions of Approval Attached	