

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON CARLSBAD FIELD OFFICE
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No. **5247**
If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No. **HOBBS OCD**

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **MCELVAIN ENERGY INC.** Contact: **TONY G COOPER**
E-Mail: **tony.cooper@mcelvain.com**

3a. Address **1050 17TH ST STE. 2500 DENVER, CO 80265**

3b. Phone No. (include area code) **Ph: 303-962-6489**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 30 T18S R34E Mer NMP SESE 100FSL 1050FWL

8. Well Name and No. **EK 30 BS2 FEDERAL COM 3H**

9. API Well No. **30-025-43150**

10. Field and Pool or Exploratory Area **EK BONE SPRING**

11. County or Parish, State **LEA COUNTY COUNTY, NM**

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Hydraulic Fracturing
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Change to Original APD
	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Plug Back

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamatiion, have been completed and the operator has determined that the site is ready for final inspection.

McElvain is requesting permission to use oil based mud from 4936' to TD during drilling operations on this well. Please see attachment for detailed mud specs.

HOBBS OCD
JUL 19 2018
RECEIVED

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #425886 verified by the BLM Well Information System For MCELVAIN ENERGY INC., sent to the Hobbs Committed to AFMSS for processing by MUSTAFA HAQUE on 06/29/2018 ()

Name (Printed/Typed) **CAPLIS CHRIS** Title **VP DRILLING**

Signature (Electronic Submission) Date **06/29/2018**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By Mustafa Haque Title **Petroleum Engineer** Date **6/29/2018**
Carlsbad Field Office
Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Recommended Drilling Fluids Program

McElvain Oil & Gas Properties, Inc. * EK 30 BS2 Federal Com 3H * Sec. 30, T-18-S, R-34-E,
Lea County, NM

Projected Mud Properties

INTERVAL: 0 - 1,820'		17.5" hole		1,820' TVD		13.375" csg		1 drill bits		3 days	
Depth	Mud Type	M W - ppg	Vis	Fil	pH	Cl - ppm	Sol %				
0-1,000'	FR/NA	8.4-9.2	32-34	N/C	10.0	3-10K	3-8				
1,000-1,820'	FR/NA/ST	9.0-9.6	32-36	30-10cc	10.0	3-10K	5-9				
INTERVAL: 1,820 - 4,936'		12.25" hole		4,936' TVD		9.625" csg		1 drill bits		5 days	
Depth	Mud Type	M W - ppg	Vis	Fil	pH	Cl - ppm	Sol %				
1,820-4,936'	BRINE	10.0	28	N/C	10.0	186K	.5-.75				
INTERVAL: 4,936 - 9,330'		8.75" hole		9,330' TVD				1 drill bits		5 days	
Depth	Mud Type	M W - ppg	Vis	Fil	pH	Cl - ppm	Sol %				
4,936-9,330'	Oil Based Mud	8.8-9.2	28-30	N/C	10.0	40-120K	.75-1.5				
INTERVAL: 9,330 - 17,500'		8.75" hole		9,900' TVD		5.5" csg		2 drill bits		14 days	
Depth	Mud Type	M W - ppg	Vis	HTHP	OWR	Cl - ppm	Sol %	E.S.			
9,330-17,500'	Oil Based Mud	8.6-9.0	50-70	15cc	75/25	250K	.5-1.5	600			