

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
2220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address MCELVAIN ENERGY INC 1050 17 TH STREET STE 2500		² OGRID Number 22044
		³ Reason for Filing Code/ Effective Date
⁴ API Number 30 - 025-42699	⁵ Pool Name EK Bone Spring	⁶ Pool Code 21650
⁷ Property Code 315045	⁸ Property Name EK 29 BS2 Federal Com	⁹ Well Number 3H

II. ¹⁰ Surface Location

UL or lot no. N	Section 29	Township 18S	Range 34E	Lot Idn	Feet from the 305	N/S Line FSL	Feet from the 2155	East/West line FEL	County LEA
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¹¹ Bottom Hole Location

UL or lot C	Section 29	Township 18S	Range 34E	Lot Idn	Feet from the 215	North/South line FNL	Feet from the 1920	East/West line FWL	County LEA
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection 12-15 EST	¹⁵ C-129 Permit Number Not Issued	¹⁶ C-129 Effective Date 11/02/2016	¹⁷ C-129 Expiration Date 1/31/2017				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
902298	Shell Trading Company PO Box 4604 72210-4604 Physical -1000 Main, Houston TX., 77002	O

IV. Well Completion Data

²¹ Spud Date 07/19/2016	²² Ready Date 11/7/2016	²³ TD 14804	²⁴ PBTD 14,721	²⁵ Perforations 10140-14690	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375.. J55 STC	1820	1645		
12.25	9.625 L80 40#	4936	1665		
5.5	5.5 CYP-110 17#	14804	1815		

V. Well Test Data

³¹ Date New Oil 11/1/2016	³² Gas Delivery Date WO ROW/BLM/SLO	³³ Test Date 11/2/2016	³⁴ Test Length 24	³⁵ Tbg. Pressure NA	³⁶ Csg. Pressure 778
³⁷ Choke Size 22/64	³⁸ Oil 139	³⁹ Water 1617	⁴⁰ Gas 83 (F)		⁴¹ Test Method Flow

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Tony Cooper*

Printed name: *Tony Cooper*

Title: *SE EHS Specialist*

E-mail Address: *Tonyc@mcelvain.com*

Date: *11-9-16*

Phone: *303 962-6489*

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

11/26/16

Petroleum Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM116166
2. Name of Operator MCELVAIN ENERGY INC		6. If Indian, Allottee or Tribe Name
Contact: TONY G COOPER E-Mail: TONY.COOPER@MCELVAIN.COM		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 1050 17TH ST STE 2500 DENVER, CO 80265	3b. Phone No. (include area code) Ph: 303-893-0933 Ext: 331	8. Well Name and No. EK 29 BS2 FEDERAL COM 3H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T18S R34E Mer 6PM 305FSL 2155FEL		9. API Well No. 30-025-42699
		10. Field and Pool, or Exploratory EK-BONE SPRINGS
		11. County or Parish, and State LEA COUNTY, NM

12. CHECK 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 type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EK 29 BS2 Federal Com 3H, Lea County New Mexico, (30-025-42699)

Spud

7/19/2016

Pinnenergy Rig 4 began drilling 17.5" surface hole @ 6:00pm

Surface Casing

7/24/2016

TD 17.5' hole @ 1820' @ 9:00 am

Make up shoe, 2 joints casing, float collar and circulate

Run 44 joints of 13 3/8" J-55 casing to surface 46 total joints

Wash casing to bottom from 1704' to 1820' casing set @ 1813' from ground level float collar @

1734' from ground level centralizers middle of both shoe joints and every third joint to surface

13 3/8" 54.5# J55 STC

14. I hereby certify that the foregoing is true and correct. Electronic Submission #357149 verified by the BLM Well Information System For MCELVAIN ENERGY INC, sent to the Hobbs	
Name (Printed/Typed) CHRIS CAPLIS	Title VP DRILLING AND COMPLETION
Signature (Electronic Submission)	Date 11/07/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #357149 that would not fit on the form

32. Additional remarks, continued

cement basket at 72'

Rig down casing crew while circulating with rig pump 2x casing capacity

Halliburton Cemented Surface Casing with:

Lead - Pump 20 bbls of water ahead with red dye followed by 303 bbls of cement @ 13.7 ppg 1030 sacks, 1.656 ft³/sk @ 8.63 gal/sk

Tail - 146 bbls 615 sks of 14.8 ppg 1.34 FT³/sk, 6.43 gal/sx

Drop plug, wash up on top of plug, displace with a total of 269 bbls of fresh water @ 6 BPM

Bump plug @ 655 psi took to 1176 psi, floats held, got 1.5 bbls back

234 sx cement to surface

Wait on Cement

Install Wellhead: 7/26/2016

Rough cut off 20" conductor pipe and 13 3/8" casing remove same make final cut on 20" and 13 3/8" pipe install with GE WH tech

Weld on 13 3/8" x 13 5/8" 5M wellhead weld and test head to 80% of collapse on 13 3/8" 54.5 #

J-55 casing 1130 psi is collapse

Tested Csg to 904 psi test held 30 minutes, test good install dry hole cap, gauge, all valves

FYI, I had to attach a PDF for the Intermediate and Production casing information, because when I paste the large volume of text in this field it will not route the Sundry.

EK 29 BS2 Federal Com 3H, Lea County New Mexico, (30-025-42699)

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Make up shoe, 2 joints casing, float collar and circulate

Run 44 joints of 13 3/8" J-55 casing to surface 46 total joints **13 3/8" 54.5 # J55 STC**

Wash casing to bottom from 1704' to 1820' casing set @ 1813' from ground level float collar @ 1734' from ground level centralizers middle of both shoe joints and every third joint to surface cement basket at 72'

Rig down casing crew while circulating with rig pump 2x casing capacity

Halliburton Cemented Surface Casing with:

Lead - Pump 20 bbls of water ahead with red dye followed by 303 bbls of cement @ 13.7 ppg 1030 sacks, 1.656 ft/3 /sk @ 8.63 gal/sk

Tail - 146 bbls 615 sks of 14.8 ppg 1.34 FT3/sk, 6.43 gal/sx

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Weld on 13 3/8" x 13 5/8" 5M wellhead weld and test head to 80% of collapse on 13 3/8" 54.5 # J-55 casing 1130 psi is collapse

Tested Csg to 904 psi test held 30 minutes, test good install dry hole cap, gauge, all valves

Intermediate Casing

8/11/2016

H&P 497 - R/U and test BOP. Install test plug. Blind ram bonnet leaking. Tighten same. Wing connection on kill side leaking, re-torque same.

Test blinds rams to 250/5000 10 min each. Test choke manifold, lower pipe rams, upper rams, BLM hard line, 250 / 5000 psi 10 min ea. Test Annular 250/3000psi 10 min

8/13/2016 @ 8:30am

H&P 497 began drilling 12.25" hole below surface casing @ 1712', TD hole @ 4936'

8/16/2016

Ran 126 jts 9 5/8" 40# L80 BTC CASING. M/U SHOE, 2JTS CASING, F/C AND 1 JT CASING. TEST FLOAT EQUIPMENT. OK

8/17/2016

Continue running casing to 4897' fill every 30 jt.

Fill pipe and circulate with rig pump 1.5 times casing capacity

Halliburton Cemented Intermediate Casing with:

Lead - Pump 20bbls fresh water, mix and pump 1325sx, (114bbls) Econocem, W/5% salt 0.25% HR-800, 12.9ppg, 1.89yld

Tail - Pump 340sx tail cement (80)bbls Halcem, 14.8ppg, 1.33yld.

Drop plug, displace with 20bbls fresh water, 328bbls brine, 20bbls fresh water pumping at 8bpm slow rate at 355bbls pumped for final 13bbls to 2bpm.

Bumped plug 15bbls early. Bumped at 1246psi, into 1750psi. Hold 5 min. bled off and got 2 bbls back. Floats holding.

214 sx cement back to surface. Had full returns during entire cement job.

Test BOPs

Test upper and lower rams, blinds, wing valves, choke valves and lines.

Test floor valves, top drive and stand pipe back to pumps, test BLM pump line. 250/low and 5000/high 10 min each test.

Test Annular preventer 250/low and 3000/high ten min each.

Test rotating head and orbit valve. Unable to test casing at this time due to cement compression strength.

8/18/2016

WOC, Rig up to test 9 5/8" csg.

Test 9 5/8" csg, to 1500 psi for 30 min on chart.

Tih and tag cmt @ 4,807'.

Drill cmt and float equipment f/ 4,807' - t/ 4,939', drill 10' from t/4,949'.

Line up BOP and perform FIT, 9.7 ppg, in hole, 11.0 ppg EWT, 334 PS, test was successful.

Production Casing

8/19/2016

Begin drilling 8.5 hole

8/30/2016

TD well @ 14,804

9/1/2016

Run 5 1/2", CY P-110, 17#, BPN, fill pipe every 30 jts. (Make up torque 11,900), TD stall set @ 10,900 ft/lbs.

Halliburton Cemented Production Casing with:

Circulate 1.5 csg volume, 5-80 spm, 600 psi, thru CRT.

Pump 3 bbl water, test lines to 6000 psi,

Pump 10 bbls water, 40 bbl Tuned spacer, 10.5 ppg, 3.98 yld,

Lead cmt, 316 bbl, 560 sk, 11 ppg, 3.15 yld, 19.58 g/sk,

Tail cmt 1255 sk, 277 bbl, 14.5 ppg, 1.24 yld, 5.56 g/sk,

Drop top plug, displace with 20 bbl MMCR water, 321 bbl, fresh water with clay stab,

Bump plug with 341 bbl at 2050 psi, 500 over, hold 5 min, bled back 2.5 bbl, floats held, full returns thru-out job.

N/up DSA and TBG head, test void to 5000, secondary seal would not test, N/d tbg head and check secondary seal.

9/2/2016

Nipple up tubing head and test bushing seals 5,000 psi for 15 minutes. Good test. Test void to 5,000 PSI. for 15 minutes. Good test. Install 7" 10M cap and secure well.

Release Rig

Additional data for transaction #357158 that would not fit on the form

32. Additional remarks, continued

This is the correct completion report for this well. the first report submitted had some errors that have been corrected on this report.