

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**HOBBS OGD**

**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.

**RECEIVED**

5. Lease Serial No. 16166  
6. If Indian, Allottee or Tribe Name  
7. If Unit or CA/Agreement, Name and/or No.

**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	8. Well Name and No. EK 29 BS2 FEDERAL COM 4H
2. Name of Operator MCELVAIN OIL & GAS PROP INC Contact: TONY G COOPER E-Mail: tony.cooper@mcelvain.com	9. API Well No. 30-025-42700-00-X1
3a. Address 1050 17TH STREET SUITE 1800 DENVER, CO 80265-1801	3b. Phone No. (include area code) Ph: 303-893-0933 Ext: 331
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 30 T18S R34E SESE 175FSL 100FEL	10. Field and Pool, or Exploratory E K
	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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Well Spud

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 recomplate 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 recomplate 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.)

The attached document provides detailed information on the installation and cementing of surface, intermediate, and production casing for this well. Please see attached document.

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

**Electronic Submission #352883 verified by the BLM Well Information System  
For MCELVAIN OIL & GAS PROP INC, sent to the Hobbs  
Committed to AFSS for processing by PRISCILLA PEREZ on 09/28/2016 (16PP1231SE)**

Name (Printed/Typed) CHRIS CAPLIS	Title VP DRILLING AND COMPLETION
Signature (Electronic Submission)	Date 09/28/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

**ACCEPTED**

Approved By	MUSTAFA HAQUE Title PETROLEUM ENGINEER	Date 09/30/2016
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 Hobbs	

**ACCEPTED FOR RECORD**  
SEP 30 2016  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD 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.

\*\* BLM REVISED \*\*

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**8/24/2016 Pinnergy Rig 4 spud well, begin drilling 17 1/2" hole**

**8/27/2016 Cement Surface Casing**

**13-3/8" 54.5ppf, J55 STC, Set at: 1813**

CIRCULATE AND CONDITION HOLE PRIOR TO RUNNING POOH TO RUN 13 3/8' CASING
POOH AND LAYDOWN BHA
RIG UP FRANKS CASING CREW MAKE UP SHOE TRAC CIRC. SAME , RUN TOTAL OF 46 JOINTS OF <u>13 3/8'</u> ST&C <u>54.50#</u> <u>J-55</u> TOTAL 1823' CASING SHOE @ <u>1813'</u> FROM GROUND LEVEL FLOAT COLLAR @ <u>1735'</u>
RIG UP HALLIBURTON CEMENT HEAD AND CIRCULATE 1 1/2 TIMES CASING CAPACITY.
MIX AND PUMP <u>1,030</u> SACKS 13.7 PPG LEAD CEMENT FOLLOWED BY <u>615</u> SACKS 14.8 PPG TAIL CEMENT. BUMP PLUG @4:50 A.M. 678 PSI TAKE TO <u>1,178</u> PSL FLOATS HELD WITH 1 1/2 BBLs RETURN TO TRUCK. CEMENT RETURNS TO SURFACE 69 BBLs. FULL RETURNS THROUGHOUT CEMENT JOB.
WAIT ON CEMENT TO SEE IF IT FALLS. CEMENT DROP TO BOTTOM OF CELLAR. NO TOP OUT REQUIRED. RIG DOWN HALLIBURTON.
NOTE AT 08:16 HOURS 8/27/2016 RECEIVED CALL FROM PAT WITH THE BLM AND HE ADVISED THAT HE WOULD'NT MAKE CEMENT JOB ON SURFACE THAT IF HAVE PROBLEMS CALL HIM

**9/8/2016 Run and Cement Intermediate Casing**

**9 5/8" 40# L-80 BTC, Set at: 4,918'**

Run <u>9 5/8"</u> <u>40#</u> <u>L-80</u> BTC casing. Make up 2 joint shoe track and circulate float equipment. (OK). Run casing installing centralizers on the first 3 joints and each 3rd joint after until in surface casing 1,536 ft. (31 total). Fill every 30 joints, breaking circulation at shoe before entering open hole. Run casing to 4,886 ft. filling every 30 joints. Total pipe run 126 joints. 6 joints left on rack to be transferred back to B&L .
Pickup and makeup landing joint (G.E. Wellhead Tech on rig floor). Land out casing @4,918 ft with 5 ft. of rathole with 145,000 down on mandrel.
Fill casing and circulate with rig pump 1 1/2 times casing capacity, while rigging down casing equipment. Held pre-job safety meeting with Halliburton while circulating.
Rig down CRT. Rig up Halliburton cement head and lines. Top plug loaded in head, verified by Co. Rep.
Cementing test lines to 3000 psi , pump 20bbls fresh water, mix and pump <u>1,530</u> sx, (515bbls) Econocem,W/5% salt 0.25% 0.1250 lbm Poly E Flake, 3 lbm/sk Kol-Seal, 12.9 ppg, 1.882 yield, mix and pump <u>350</u> sx tail cement (83)bbls Halcem 0.1250 lbm Poly E Flake, 14.8 ppg 1.329 yield. Drop plug, displace with 20 bbls fresh water, <u>327</u> bbls brine, 20 bbls fresh water pumping at 7 bpm slow rate at 355 bbls pumped for final 17 bbls.to 2 bpm. Bumped at 1,040 psi, increased to 1745 psi. Hold 5 min. bled off and got 1 1/2 bbls back. Floats holding. Got 83 bbls cement back to surface, had full returns during entire cement job.
Rig down cement equipment.
Remove landing jt. Install pack off. Test packoff <u>2500psi/10 min.</u> <u>Ok</u>
Rig up Test pump to re-test BOP equipment. Test rams, choke, floor valves, wing valves, top drive and pump lines, 250 low and 5000psi high for 10 min each test. Test Annular 250/3500. Rig down test lines.
install wear bushing

Pick up NOV 24x motor, 1.5\*, .025rpg. Monels, MWD tool. And 8.5" Sec. MM65D bit w/6x13 jets.

Test casing to 1500psi/30 min. Note: cement reaching 500psi comp. strength after 10.5 hrs. -

### **9/22/2016 & 9/23/2016 Run and Cement Production Casing**

#### **5-1/2" 17ppf HCP 110, BPN, Set at:14766**

Run 5 1/2", P110, 17LB, BPN, F/5,660' - T/ 14,634', fill pipe every 30 jts. Precautionary wash last 3 joints down from 14,634' to 14,766' SPM-50, GPM-191, SPP-475.(Make up torque 11,900), TD stall set @10,900 ftlbs.

Circulate 1 1/2 times casing capacity with CRT @80 SPM, 306 GPM, 650 PSI.

Rig down casing equipment, Rig down spider and CRT.

Circulate Thru swedge @80 SPM, 306 GPM, 650 PSI, Halliburton setting up pump trucks and running cmt lines.

Rig up Halliburton cmt head and lines, Hold PJSM.

Pump 3 bbls water ahead, test lines to 3000 psi, Pump 40 bbl tuned spacer III, 10.5 ppg, Pump lead cmt, Neocem TM, 490 sk, 11.0 ppg, 2.903 yld, 17.94 gal/sk, 253 bbls, neat, Pump tail cmt, Versacem TM, 1255 sk, 14.5 ppg, 1.24 yld, 5.56 gal/sk, 277 bbls + additives, 1 lbm salt, 0.10% hr-800, 0.20% Halad (R)-322, 0.50% Halad (R)-344, Wash out lines, load plug, drop top plug, displace with 20 bbls MCM water, 315 bbls cla-web water, Bump plug 6 bbls early at 1600 psi-2100 psi, 500 over, held for 5 min, bled off got 2.5 bbls back, floats held, full returns thruout job.

Rig down Halliburton, wash thru surface lines.