

HOBBS OCD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SEP 21 2016

RECEIVED

## 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.

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 20105. Lease Serial No.  
NMNM19859

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
MONET FEDERAL COM 9H9. API Well No.  
30-025-4276610. Field and Pool, or Exploratory  
RED HILLS; BONE SPRING11. 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 checked="" 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 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	
	<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 recompleate 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 recompleation 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.)

COG Operating LLC, respectfully requests approval to perform remedial cementing operations as detailed on the attached.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #333908 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Hobbs Committed to AFMSS for processing by KENNETH RENNICK on 03/16/2016 ( )</b>	
Name (Printed/Typed) KENNETH LAFORTUNE	Title SR. OPERATIONS ENGINEER
Signature (Electronic Submission)	Date 03/16/2016

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By 	Title PET	Date 8/26/16
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 CFO	

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 \*\*

MRS/OCD 9/26/2016



## 5-1/2" x 9-5/8" Recement

### Monet Federal 9H

190' FNL & 1,020' FWL, Sec 4, T25S R33E

Lea County, NM

API # 30-025-42766

#### Well Information

Lea County

KB: 3,480'

GL: 3,463'

API: 30-025-42766

Field: Red Hills Field  
Target: Upper Avalon Shale

Logs: Mud Logs

Lateral Orientation: N-S  
SHL: 190' FNL & 1,020' FWL  
Sec 4, T25S/R33E  
  
BHL: 340' FSL & 1,006' FWL (est.)  
Sec 4, T25S/R33E

Directions to Well: See Attachment

GPS: 32.166221° N  
103.582003° W

Wellhead: 7-1/16" 10M

Frac Valve: KLX

Casing: 13.375" 54.5 ppf J-55 STC @ 1,220' circulated: 245 sx  
9.625" 40 ppf J-55/L-80 BTC @ 5,013' circulated: 120 sx  
5.5" 17 ppf P-110 LTC @ 13,794' circulated: 0 sx  
PBTD: 13,776' (FC)  
MJ: 8,674'  
Estimated TOC 5,225' by temp survey

Casing	Wt	Grade	Burst	Collapse	ID	Drift
13.375"	54.5 ppf	J-55				
9.625"	40 ppf	J-55/L-80				
5.5"	17 ppf	P-110	10,640	7,480	4.892	4.767



**Procedure:**

1. MIRU cementing unit.
2. Prepare to pump down 5-1/2" x 9-5/8" annulus.
3. Establish injection rate and pressure. (Be Sure to Chart)
4. Use the following pump schedule:
5. Pump 10 bbl FW spacer.
6. Pump 10 bbl 10% CaCl<sub>2</sub> water.
7. Pump 10 bbl FW spacer.
8. Pump 12 bbl Flochek.
9. Pump 10 bbl FW spacer.
10. Mix and pump 130 sacks 14.2 ppg HalCem C w/ 10% CalSeal, 2% CaCl<sub>2</sub> and WellLife 734.
11. Mix and pump 700 sacks 14.2 ppg HalCem C w/ 10% CalSeal, 2% CaCl<sub>2</sub>.
12. Pump 1 bbl of FW displacement.
13. Shut down, wash up pumps and lines.
14. Shut in well.
15. RDMO cementing equipment.
16. Allow cement to set for 24 hours.
17. RIH with GR-CBL to 6,000'.
  - a. Log GR-CBL to 500' above TOC with 1,500 psi. on 5-1/2" casing.
18. Load and test 5-1/2"x9-5/8" annulus to 1,500 psi.
  - a. Chart and record for 30 minutes.
19. Shut in well head and ensure valve is not leaking.
20. RDMO all associated equipment.



## CURRENT WELL SKETCH

API: 30-025-42766  
SPUD: 2/6/2016  
FRR: 2/23/2016  
RIG: McVay 7

Monet Fed No. 9H  
Red Hills Field  
Lea County

Sec 4 T/B 25S R/Svy 33E  
SHL: 190' FNL & 1,020' FWL  
BHL: 340' FSL & 1,006' FWL (est.)  
Sec 4 T/B 25S R/Svy 33E  
GL: 3,463'  
KB: 3,480'  
ZERO: 17'

HOLE SIZE	MW (ppg)	BHST (F)	Evaluation
17.5"	9.7		No Logs
12.25"	10		No Logs
8.75	9.1	151F (est)	Mud Logs

Surface Casing @ 1,220'  
13.375" 54.5 ppf J-55 STC  
Circulated 245 sx cement

Intermediate Casing @ 5,013'  
9.625" 40 ppf J-55/L-80 BTC  
Circulated 120 sx cement

KOP @ 8,918'  
EOC @ 9,678'  
EOL @ 13,794'

Average TVD in Lateral 9,379'

Production Casing @ 13,794'  
5.5" 17 ppf P-110 LTC  
FC (PBD) 13,776'  
Notes: Planned Wet Shoe  
Circulated: 0 sx cement  
Estimated TOC by temp survey: 5,225'  
MJ: 8,674'

Updated by T. Cage  
Date: 3/15/2016

**Pump Schedule**

Customer Name: Concho  
Well Name: Monet Fed 9H  
Formation: Avalon  
Fluid Type: Fresh Water



Max PSI: 2000      Max Rate: 4  
Avg PSI: 500      Avg Rate: 4

DESCRIPTION	VOLUME Gallons	SACKS	VOLUME cuft	SLURRY RATE bpm	SLURRY VOLUME bbls	SLURRY VOLUME cum	RATE bpm						STAGE TIME min
Injection FW	420			4.0	10.0	10.0	4.0						0:02:30
10% CaCl2	420			4.0	10.0	20.0	4.0						0:02:30
FW Spacer	420			4.0	10.0	30.0	4.0						0:02:30
Flocek	504			4.0	12.0	42.0	4.0						0:03:00
FW Spacer	420			4.0	10.0	52.0	4.0						0:02:30
Thixotropic 14.2 ppg w/ WellLife	1606	130.00	214.76	4.0	38.2	90.2	4.0						0:09:33
Thixotropic 14.2 ppg	8650	700.00	1156.40	4.0	206.0	296.2	4.0						0:51:27
Displacement	42			4.0	1.0	297.2	4.0						0:00:15
<b>Mix and pump at 4 bpm</b>													
<b>Expected pressure &lt; 500 psi</b>													
<b>Anticipate 0 psi at shutdown</b>													
<b>Displace 1 bbl</b>													
<b>Clean up lines to tanks</b>													
<b>Design Totals --&gt;</b>		830.00	1371.16		297.2			286.2		8305945			1:14:15
<b>Actual Totals --&gt;</b>													

Prepared By: K. LaFortune