

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.

HOBBS OCD
NOV 05 2013

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. MCA UNIT 138
2. Name of Operator CONOCOPHILLIPS COMPANY Contact: RHONDA ROGERS E-Mail: rogers@conocophillips.com		9. API Well No. 30-025-00683
3a. Address P. O. BOX 51810 MIDLAND, TX 79710	3b. Phone No. (include area code) Ph: 432-688-9174	10. Field and Pool, or Exploratory MALJAMAR; GB-SA
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 25 T17S R32E Mer NMP SWNE 1980FNL 1980FEL		11. County or Parish, and State LEA COUNTY, NM

RECEIVED

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 checked="" type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input 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 recomplete 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 recompletion 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.)

ConocoPhillips respectfully request to perform a csg repair per the attached procedure.

Current Wellbore schematic is attached.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct. Electronic Submission #220785 verified by the BLM Well Information System For CONOCOPHILLIPS COMPANY, sent to the Hobbs Committed to AFMSS for processing by JOHNNY DICKERSON on 10/17/2013 ()	
Name (Printed/Typed) RHONDA ROGERS	Title STAFF REGULATORY TECHNICIAN
Signature (Electronic Submission)	Date 09/23/2013
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By _____	Title _____
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 _____	

APPROVED
NOV 1 2013
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.

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

NOV 07 2013



API # 30-025-00683

MCA 138
 Maljamar (Grayburg-San Andres) Field
Lea County, New Mexico

The reported Salt Section is 1237-2245.

In February, 1991, a full string of 4", 10.47# FJ casing was set @ 4339 and cemented to surface.

MCA 138 (API: 30-025-00683)			
1980 FNL & 1980 FEL, 25G-17S-32E			
Elev.: 4024 GL. Datum: 4' AGL (4028)			
	Depth: ft. (RKB)		
	top	btm	
8-5/8", 32#	surface	27	09.1942: Cmt w/ 10 sx. Reported TOC @ surface
5-1/2", 14#, J-55	surface	3902	10.1942: Cmt w/ 100 sx. Estimated TOC @ 3150
			10.1942: Perforated 5-1/2" @ 1000 ft. Cmt w/ 100 sx.
4", 10.47#, J-55 (ID: 3.476 in.)	surface	4339	02.18.91: Cmt w/ 500 sx. Cic cmt to surface (48 sx)

It is intended to perforate the 4-1/2" and 5-1/2" casing strings @ approximately 350 ft. and cement the 5-1/2" x ~~6~~⁴-1/2" OH annulus to surface.

WELL CATEGORY, BOP CLASS AND EXCEPTIONS

Well Category: 1:

H2S: 1,000 ppm (MCA Battery-4).
 Well Rate: 14 BOPD 107 BWPD & 10 MCFPD (01.15.13)

<u>H2S</u>	<u>ROE- ft.</u>
100 ppm	6
500 ppm	3

BOPE Class: 1 (Hydraulic BOP recommended).
PROCEDURE

- MI & RU well service (Last downhole well service: 10.2008).
 Pump 25 bbl fresh water down 2-3/8" x 4", 10.47# annulus
 (equiv. to : 3968 ft. annular fluid column; 1718#)
 POOH & LD rods & pump. ND well. NU BOP.
 Scan 2-3/8", 4.7#, J-55 tbg while POOH.
- RIH w/ tbg w/ bit & csg scraper (4", 10.47#, 3.482" ID est.) to 4100. POOH.
- RIH w/ tbg & RBP-1 (4", 10.47#, FJ csg; ID: 3.482"). Set RBP-1 @ 4000.

 Circ well w/ fresh water (well capacity w/ tbg to 4000: 25 bbl).

 Test RBP @ 500#.

4. RIH w/ RBP-2. Set RBP-2 @ 750. POOH & LD tbg.
5. ND BOP. NU well. RD & MO service unit.
6. SURFACE WORK

MCA 138 (API: 30-025-00683)			
1980 FNL & 1980 FEL, 25G-17S-32E			
Elev.: 4024 GL. Datum: 4' AGL (4028)			
	Depth: ft. (RKB)		
	top	btm	
8-5/8", 32#	surface	27	09.1942: Cmt w/ 20 sx. Reported TOC @ surface
5-1/2", 14#, J-55	surface	3902	10.1942: Cmt w/ 100 sx. Estimated TOC @ 3150
			10.1942: Perforated 5-1/2" @ 1000 ft. Cmt w/ 100 sx.
4", 10.47#, J-55 (ID: 3.482 in. est.)	surface	4339	02.18.91: Cmt w/ 500 sx. Circ cmt to surface (48 sx)

- a. Excavate below 5-1/2" csg head
- b. Cut-off 5-1/2" csg below 5-1/2" casing head & strip over 4" csg.
- c. PU & strip over w/ 5-1/2" replacement section w/:
 - Slip-on collar on bottom & weld to cut-off csg
 - Welded slip-on 5-1/2" well head flange positioned @ ground level
 - (4-1/2" x 5-1/2" annulus to be equipped ball-valve 2" riser to surface)
- d. Install existing tbg head
- e. Vertically align well & back-fill around well

NOTE: If 5-1/2" casing is in poor condition below depth of excavation:

- a. Cut-off 5-1/2" casing below 5-1/2" casing head & strip over 4" casing
- b. Cut off 4", 10.47#, J-55 csg below ground level
- c. Weld slip-on 4" wellhead flange positioned @ ground level
- d. Install existing tbg head
- e. Vertically align well & back-fill around well

7. MI & RU well service unit. NU BOP.
8. RU perforating services. Install lubricator. Test @ 500#.
 - Perforate 4" (& 5-1/2") csg @ approximately 350 @ 4 spf.
 - RD perforating services
9. RIH w/ 2-3/8" tbg & PKR (4", 10.47#, J-55; ID: 3.482" est.).
 - Set PKR @ 225.
10. RU cementing services
 - Pump 25 bbl fresh water.
 - Mix & pump 100 sx (23.5 bbl) Class C w/ 2% calcium chloride.

Yield: 1.32 cu.ft per sk
 Water: 6.3 gal/sk
 Density: 14.8 ppg

Estimated annular capacity (5-1/2" x 8-1/2" OH) to surface: 14.3 bbl (61 sx)

With cmt returns at surface, flush w/ 2 bbl fresh water:

2-3/8", 4.7# capacity (surf-225):	0.87 bbl
<u>4", 10.47# capacity (225-350):</u>	<u>1.47 bbl</u>
	2.34 bbl

(estimated cmt column in 4" csg: 320-350)

RD cementing services. SION.

11. POOH w/ tbg & PKR. RIH w/ tbg & bit (4", 10.47#). Drl/wash out cmt. POOH.
12. RIH w/ tbg & retrieve RBP-2 @ 750. POOH & LD RBP-2.
RIH w/ tbg & retrieve RBP-1 @ 4000. POOH & LD RBP-1
13. RIH w/ tbg & bit. Clean-out to TD @ 4413 (4", 10.47#: surface-4339; 6" OH: 4339-4413).
POOH.
14. RIH w/ production tbg (ref.: pre-pull). Test tbg below slips @ 3000# (2-3/8", 4.7#, J-55
burst: 7700#). ND BOP. NU well.
15. RIH w/ pump & rods (ref.: pre-pull Rod-Star).

Note:

MCA 138 is currently downhole-equipped w/ 1-1/2" pump & surface-equipped w/ C456-256-100 operating @ 8.3 SPM w/ 100" stroke. Well is running approximately 20 hrs/day

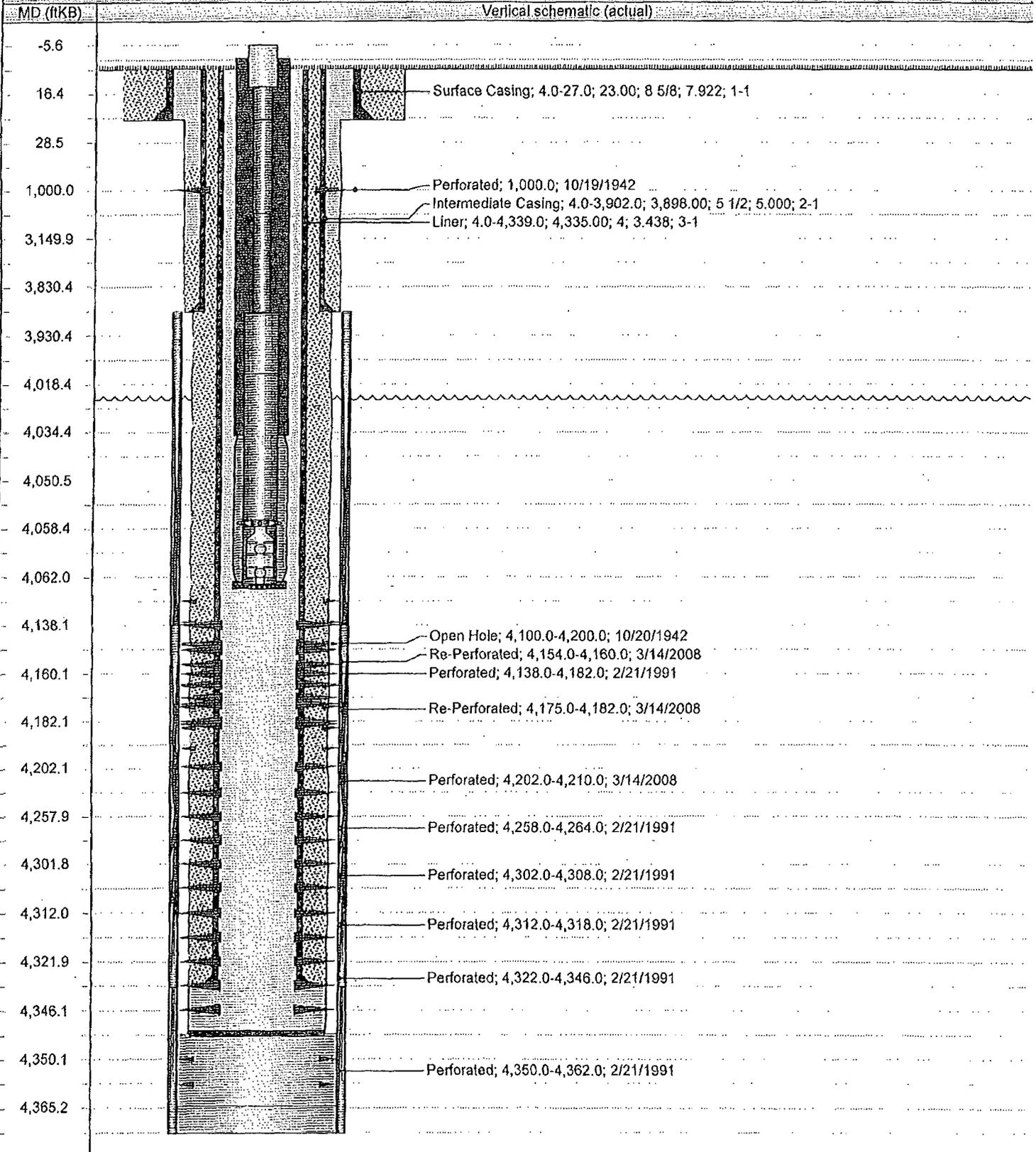
16. RD well service.

	ID: in.	Burst: psi		Capacity	
		100%	80%	gal/ft.	bbl/ft.
4", 10.47#, J-55	3.4817	6300	5040	0.4945	0.01177
2-3/8", 4.7#, J-55	1.995	7700	6160	0.1624	0.00387
4", 10.47# x 2-3/8", 4.7#				0.2644	0.0063

Most Recent Job

Jobs				
Job Category	Primary Job Type	Secondary Job Type	Actual Start Date	End Date
WELL INTERVENTION	REPAIR DOWNHOLE FAILU...		3/5/2012	3/6/2012

VERTICAL - Main Hole, 9/23/2013 9:00:22 AM



MCA Unit 138
30-025-00683
ConcoPhillips Company
November 01, 2013
Conditions of Approval

Notify BLM at 575-393-3612 a minimum of 24 hours prior to commencing work.

Work to be completed by February 01, 2014.

1. Due to being within the Lesser Prairie Chicken habitat, this workover activity will be restricted to the hours of 9:00am through 3:00am for the period of March 1 through June 15. Exceptions to these restrictions may be granted by BLM's Johnny Chopp <jchopp@blm.gov> 575.234.2227 or Bob Ballard <bballard@blm.gov> 575.234.5973.
2. **Operator approved to repair casing as written.**
3. **Must conduct a MIT after the squeeze job to a minimum of 500 psi with chart recorder. Submit chart to BLM. Contact the BLM if test fails.**
4. Surface disturbance beyond the originally approved pad must have prior approval.
5. Closed loop system required.
6. All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
7. Operator to have H2S monitoring equipment on location.
8. A minimum of a 2000 (2M) BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (2M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.
9. **Subsequent sundry required detailing work done. Operator to include well bore schematic of current well condition when work is complete.**

JAM 110113