

**HOBBS OCD**  
(August 2007)

**MAR 09 2015**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

**RECEIVED** 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.**

5. Lease Serial No.  
NMLC057210  
6. If Indian, Allottee or Tribe Name  
7. If Unit or CA/Agreement, Name and/or No.  
8920003410

8. Well Name and No.  
MCA UNIT 347  
9. API Well No.  
30-025-24515-00-S1

10. Field and Pool, or Exploratory  
MALJAMAR

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
CONOCOPHILLIPS COMPANY  
Contact: RHONDA ROGERS  
E-Mail: rogers@conocophillips.com

3a. Address  
MIDLAND, TX 79710  
3b. Phone No. (include area code)  
Ph: 432-688-9174

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 27 T17S R32E NENE 1245FNL 160FEL

**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 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 Company would like to add pay to the upper grayburg @ 3597'-3793' per attached procedures.  
Attached is a current/proposed wellbore schematic.

During this procedure we plan to use the Closed-Loop System and haul content to the required disposal.

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

**Electronic Submission #256810 verified by the BLM Well Information System  
For CONOCOPHILLIPS COMPANY, sent to the Hobbs  
Committed to AFMSS for processing by LINDA JIMENEZ on 10/09/2014 (15LJ0123SE)**

Name (Printed/Typed) RHONDA ROGERS	Title STAFF REGULATORY TECHNICIAN
Signature (Electronic Submission)	Date 08/12/2014

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

**APPROVED**

Approved By \_\_\_\_\_  
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.

Title	Date
Office	MAR 3 2015
	/s/ Chris Walls

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.

INCREASED  
BUREAU OF LAND MANAGEMENT  
CAPL SRAD FIELD OFFICE

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**MAR 10 2015**

# Proposed Rod and Tubing Configuration

## MCA 347

VERTICAL - Main Hole, 7/30/2014 10:49:08 AM		Tubing Description					Set Depth (ftKB)					
D (ft K B)	Vertical schematic (actual)		Vertical schematic (proposed)		Tubing - Production							
					Jts	Item Des	OD Nominal (in)	Nominal ID (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)
	1-1; Polished Rod; 1 1/2; 0.0; 22.00 1-2; Sucker Rod Subs; 7/8; 22.0; 10.00 1-1; Casing Joints; 8 5/8; 11.0; 905.00 1-3; Sucker Rod; 7/8; 32.0; 1,425.00 1-1; Tubing; 2 7/8; 2,441; 11.0; 3,986.00 2-1; Casing Joints; 5 1/2; 5.012; 11.0; 4,164.00 1-4; Sucker Rod; 3/4; 1,457.0; 2,475.00		<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Perforated; 3,597.0- 3,603.0; 7/30/2014</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Perforated; 3,612.0- 3,619.0; 7/30/2014</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Perforated; 3,639.0- 3,644.0; 7/30/2014</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Perforated; 3,665.0- 3,670.0; 7/30/2014</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Perforated; 3,698.0- 3,704.0; 7/30/2014</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Perforated; 3,740.0- 3,745.0; 7/30/2014</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Perforated; 3,767.0- 3,772.0; 7/30/2014</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Perforated; 3,788.0- 3,793.0; 7/30/2014</div>		126	Tubing	2 7/8	2.441	6.50	J-55	3,986.00	3,997.0
					1	Pump Seating Nipple	3			1.00	3,998.0	
					1	SOPMA	3			31.00	4,029.0	
	Perforated; 3,866.0- 3,875.0; 10/16/1989 Perforated; 3,892.0- 3,900.0; 10/16/1989 Perforated; 3,919.0- 3,924.0; 10/16/1989 Perforated; 3,871.0- 3,972.0; 9/28/1973 Perforated; 3,928.0- 3,933.0; 10/16/1989 Perforated; 3,936.0- 3,942.0; 10/16/1989 1-5; Sinker Bar; 1 1/2; 3,932.0; 50.00 Perforated; 3,964.0- 3,973.0; 10/16/1989 Perforated; 3,976.0- 3,979.0; 10/16/1989 1-6; Rod Insert Pump; 1 1/4; 3,982.0; 16.00 1-2; Pump Seating Nipple; 3; 3,997.0; 1.00 1-3; SOPMA; 3; 3,998.0; 31.00 Perforated; 4,014.0- 4,022.0; 10/16/1989 Perforated; 4,027.0- 4,031.0; 10/16/1989 Perforated; 4,014.0- 4,046.0; 9/28/1973 Perforated; 4,042.0- 4,048.0; 10/16/1989 Perforated; 4,074.0- 4,076.0; 10/16/1989 Perforated; 4,078.0- 4,082.0; 10/16/1989 Perforated; 4,090.0- 4,095.0; 10/16/1989 Perforated; 4,075.0- 4,116.0; 9/28/1973 Perforated; 4,098.0- 4,100.0; 10/16/1989 Perforated; 4,114.0- 4,119.0; 10/16/1989 Fill; 4 3/4; 4,155.0- 4,170.0											
					Rod Description					Set Depth (ftKB)		
					Rod					3,998.0		
					1	Polished Rod	1 1/2	C		22.00	22.0	
						Sucker Rod Subs	7/8	C		10.00	32.0	
					57	Sucker Rod	7/8	C		1,425.00	1,457.0	
					99	Sucker Rod	3/4	C		2,475.00	3,932.0	
					2	Sinker Bar	1 1/2	C		50.00	3,982.0	
					1	Rod Insert Pump	1 1/4			16.00	3,998.0	

**CONOCOPHILLIPS COMPANY**  
**MCA UNIT 347**  
**API# 30-025-24515**  
**ADD PAY**

**OBJECTIVE OF THIS WORK**

The purpose of this project is to bring new production to the field in the UPPER GRAYBURG

**Procedure: upper grayburg add pay**

1. Before the arrival of the rig, kill the well with fresh water.(turn off BPU)
2. Before the frac date, spot 14 clean 500 bbl frac tanks
3. Make sure project supervisor has casing collar log on location
4. Conduct safety meeting with JSA with all personnel and contractors on location
5. Move in Rig up pulling unit.
6. Pull out of hole with rods & pump, inspect rods for wear and replace as necessary.
7. Nipple down well head, Nipple up BOP, & pull out of hole with production tubing, laying down tubing on tubing racks.
8. Pick up & Run in Hole with 121 joints of 2-7/8", N-80, 6.5 lb/ft work string and 10K CBP set CBP at 3830 ft., (uppermost grayburg perforation is at 3866ft). Pressure test the work string to 6500psi. **check casing collar log to make sure we do not set plug on a collar**
9. Circulate the well with fresh water to PBD for as long as necessary
10. Close pipe rams and Test Bridge plug to 500 psi surface pressure (2100 psi BHP). If it holds then proceed, if it doesn't reset 10K CBP (check casing collar log to make sure we are not on a collar)
11. Raise work string to 3800ft (123 joints), spot 500 gals of 15% NE Fe HCL, acid column (3300ft-3800ft) perforations (3597ft-3793ft)
12. Pull out of hole laying down the work string
13. Rig up perforating Services
14. Perforate at the below depths. **Perforate at the uppermost perms first**

**Perforating gun required: 4" titan gun Super Deep penetrating EXP-4539-324T (charge size: 40g, hole size 0.52" & hole length: 52.13")**

	Top	Bottom	feet	SPF	angle	shots
Z3	3597	3603	6	2	120	12
	3612	3619	7	2	120	14
	3639	3644	5	2	120	10
	3665	3644	-21	2	120	-42
Z4	3698	3704	6	2	120	12
	3740	3745	5	2	120	10
Z5	3767	3772	5	2	120	10
	3788	3793	5	2	120	10

Rig down perforating services. Rig up Frac Provider

15. Nipple up 10k Frac stack and Frac service provider
  - with 120 joints of 3-1/2", L-80 , 9.3lb/ft work string, and treating packer
  - set treating packer at 3500 ft
  - Test work string to 8000 psi running in the hole
  - **Once packer is set, rig down & release rig**
  - Use the pump schedule below to prop frac grayburg zone 3,4 & 5 (3597 ft-3793ft) down work string with treating packer
16. Record ISIP,5 min, 10 min and 15 mins in well view
17. Rig down CUDD energy services
18. Let resin coated sand sit for 24 hours unit we flow back
19. Flow back the well till its dead
20. Move in and Rig up
21. Release packer and pull out of hole with packer and workstring
22. Pick up & run in hole with 2-7/8", N-80, 6.5lb/ft work string, 6 Drill collars (28 lb/ft) & 4-3/4" bit and Tag for Fill. PBD=3820ft. if we lose weight on string before PBD.
23. Drill out 10K CBP at 3820 ft with 10 ppg brine.
24. Once plugs are drilled out, clean out the well at PBTD=4155 ft for two hours. i.e until we have clean returns to surface
25. Pull out of hole with work string & bit.
26. Pick up & Run in hole with **2-7/8 J-55 production tubing**, test production tubing to 5000 psi. Pump 5 gal of corrosion inhibitor (**champion-Corton R-2525; SG 0.91**)
27. Nipple down BOP, Run in hole with New Rods and Pump. (see pre-pull attached on the next page)

28. Space out pump, hang well on, Turn on BPU & Test pump action; wait for tubing to pressure up then shut down pump. **Rig down & Release rig**
29. Shut in well for 48 hours.
30. Place well on test.