

Submit 1 Copy To Appropriate District  
Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. <b>30-015-35237</b>
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator <b>ConocoPhillips Company</b>		6. State Oil & Gas Lease No.
3. Address of Operator <b>P.O. Box 51810 Midland, TX 79710</b>		7. Lease Name or Unit Agreement Name <b>Leatherstocking 18 State Com</b>
4. Well Location Unit Letter <b>M</b> : <b>810</b> feet from the <b>South</b> line and <b>660</b> feet from the <b>West</b> line Section <b>18</b> Township <b>18-S</b> Range <b>28-E</b> NMPM County <b>Eddy</b>		8. Well Number <b>2</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>3597' GR</b>		9. OGRID Number <b>217817</b>
		10. Pool name or Wildcat <b>White City; Penn (Gas)</b>

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐  
CLOSED-LOOP SYSTEM ☐  
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐  
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

--MIRU. ND WH, NU BOP. POOH w/ Prod Equip  
--RIH WL - Set CIBP @ 10,138'  
--RIH Tbg - Tag CIBP @ 10,138'. Circ hole w/ MLF. Spot 40sx cmt to 9,700'  
--Spot 25sx cmt @ 9,100' - 8,950'  
--Perf @ 7,980' - Sqz 40sx cmt to 7,880'. WOC-Tag  
--Perf @ 6,000' - Sqz 40sx cmt to 5,900'  
--Perf @ 4,000' - Sqz 40sx cmt to 3,900'  
--Perf @ 2,670' - Sqz 140sx cmt to 2,200'. WOC-Tag  
--Perf @ 2,000' - Sqz 40sx cmt to 1,900'  
--Perf @ 1,500' - Sqz 40sx cmt to 1,400'. WOC-Tag  
--Perf @ 1,000' - Sqz 40sx cmt to 900'  
--Perf @ 510' - Circ 150sx cmt to surface  
--POOH. Fill wellbore. Verify cmt @ surface in all annuli

**NM OIL CONSERVATION**  
CONDITIONS OF APPROVAL ATTACHED

Approval Granted providing work is  
Completed by **3/25/2016**

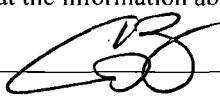
Approved for plugging of well bore only.  
Liability under bond is retained pending receipt  
of C-103 (Subsequent Report of Well Plugging)  
which may be found on OCD Web Page under  
of required by OCD Rule 19.15.17  
http://www.cdm.state.nm.us/oed.

**\*\*A closed-loop system will be used for all fluids from this wellbore and disposed of as required by Rule 19.15.17 NMAC.**

Spud Date:


Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE P&A Tech - Basic Energy Services DATE 3/22/15

Type or print name Greg Bryant E-mail address: \_\_\_\_\_ PHONE: 432-563-3355

For State Use Only

APPROVED BY:  TITLE Jr P Stephens DATE 3/25/15

Conditions of Approval (if any): \* See Attached COA's

**WELLBORE SKETCH**  
**ConocoPhillips Company -- Permian Basin Business Unit**

Date: March 11, 2015

RKB @ 3613'  
 DF @ 3611'  
 GL @ 3597'

Subarea : Hobbs  
 Lease & Well No. : Leatherstocking 18 State Com #2  
 Legal Description : 810 FSL & 660 FWL, Sec 18, T 18S, R 28E, UL "M"  
 County : Eddy State : New Mexico  
 Field : Illinois Camp; Morrow, North (Gas)  
 Date Spudded : 12/19/2006 Rig Released: 1/24/2007  
 API Number : 30-015-35237  
 Status: Shut-In  
 Fee Lease OGRID 217817

17 1/2" Hole  
 13 3/8" 48# H-40 @ 460'  
 Cmt'd w/ 460 sxs, circ 42 sxs  
 TOC @Surface

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Max Down
	2/7/2007	Perf 10238-10246, 10258-10266, 10274-10278, 10293-10296 & 10322-10333 w/ 6 SPF						
10238-10333	2/13/2007	WF835 CO2 6	44,613					
10238-10333	2/13/2007	CO2	320 tons	166,50				
	3/30/2010	CO 10427-10493						
10238-10333	3/30/2010	7.5% HCL	500					
	3/31/2010	Possible pkg. tbq or on-off tool leak						
	4/1/2010	Set plug in profile nipple @ 10181'						
	4/5/2010	TA well						

Top Salt @

11" Hole  
 8 5/8" 32# K-55 @ 2620'  
 Cmt'd w/ 650 sxs, circ 75 sxs  
 TOC @Surface

Base Salt @

TOC 4 1/2" @ 8250' (CBL)

Plug in profile nipple @ 10181'

10238-10333'

**Formation Tops:**

Seven Rivers	945'
Queen	1485'
Grayburg	1995'
San Andres	2245'
Lovington Sand	2370'
Wolfcamp	7930'
Strawn	9070'
Atoka	9747'
Morrow	10076'

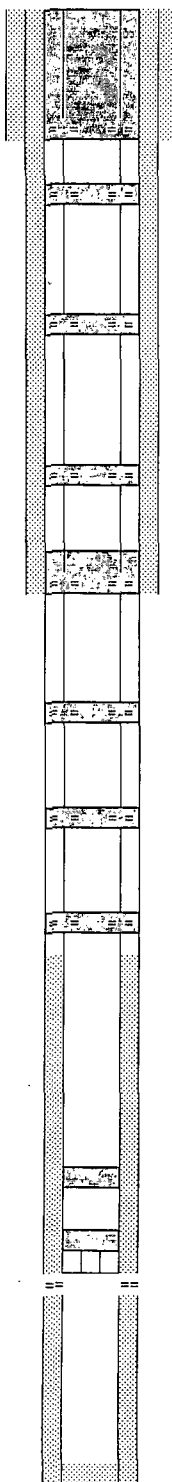
7 7/8" Hole  
 4 1/2" 11.6# P-110 @ 10587'  
 Cmt'd w/ 500 sxs;  
 TOC @ 8250' (CBL)

PBTD 10,490'  
 TD 10,587'

**WELLBORE SKETCH**  
**ConocoPhillips Company -- Permian Basin Business Unit**

Date: March 11, 2015

RKB @ 3613'  
 DF @ 3611'  
 GL @ 3597'



17 1/2" Hole

**P&S 150sx cmt @ 510'-3'**  
**13 3/8" 48# H-40 @ 460'**  
 Cmt'd w/ 460 sxs, circ 42 sxs  
 TOC @Surface

**P&S 40sx cmt @ 1000'-900'**

**Top Salt @**  
**P&S 40sx cmt @ 1500'-1400' - Tag**

**P&S 40sx cmt @ 2000'-1900'**

11" Hole  
**8 5/8" 32# K-55 @ 2620'**  
 Cmt'd w/ 650 sxs, circ 75 sxs  
 TOC @Surface

**P&S 140sx cmt @ 2670'-2200' - Tag**

**Base Salt @**  
**P&S 40sx cmt @ 4000'-3900'**

**P&S 40sx cmt @ 6000'-5900'**

**P&S 40sx cmt @ 7980'-7880' - Tag**

TOC 4 1/2" @ 8250' (CBL)

**Spot 25sx cmt @ 9100'-8950'**

**Spot 40sx cmt @ 10138'-9700'**  
**Set CIBP @ 10138'**  
 10238-10333'

7 7/8" Hole  
**4 1/2" 11.6# P-110 @ 10587'**  
 Cmt'd w/ 500 sxs;  
 TOC @ 8250' (CBL)

Subarea : Hobbs  
 Lease & Well No. : Leatherstocking 18 State Com #2  
 Legal Description : 810 FSL & 660 FWL, Sec 18, T 18S, R 28E, UL "M"  
 County : Eddy State : New Mexico  
 Field : Illinois Camp; Morrow, North (Gas)  
 Date Spudded : 12/19/2006 Rig Released: 1/24/2007  
 API Number : 30-015-35237  
 Status: Shut-In  
 Fee Lease OGRID 217817

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Down
	2/7/2007	Perf 10238-10246, 10258-10266, 10274-10278, 10293-10296 & 10322-10333 w/ 6 SPF						
10238-10333	2/13/2007	WF835 CO2 6	44,613					
10238-10333	2/13/2007	CO2	320 tons	166,50				
	3/30/2010	CO 10427-10493						
10238-10333	3/30/2010	7.5% HCL	500					
	3/31/2010	Possible pkg, tbg or on-off tool leak						
	4/1/2010	Set plug in profile nipple @ 10181'						
	4/5/2010	TA well						

**Formation Tops:**

Seven Rivers	945'
Queen	1485'
Grayburg	1995'
San Andres	2245'
Lovington Sand	2370'
Wolfcamp	7930'
Strawn	9070'
Atoka	9747'
Morrow	10076'

PBTD 10,490'  
 TD 10,587'

NEW MEXICO OIL CONSERVATION DIVISION  
DISTRICT 2 OFFICE  
811 S. FIRST STREET  
ARTESIA, NM 88210  
(575)748-1283

CONDITIONS OF APPROVAL FOR PLUGGING & ABANDONMENT

Operator: Conoco Phillips

Well Name & Number: Leatherstocking 1B State Com #2

API #: 30-015-35237

1. Produced water **will not** be used during any part of the plugging & abandonment operation.
2. Notify NMOCD Dist. 2 office at least 24 hrs before beginning work.
3. Closed Loop System is to be used for entire plugging operation. Upon completion, contents of steel pit are to be hauled to a permitted disposal location.
4. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator, as well as the contractor, to verify that this permit is place prior to performing work. Drivers shall produce a copy upon request of NMOCD Field Inspectors.
5. A subsequent C-103 will serve as notification that the well bore has been plugged ONLY. A C-103 FINAL shall be filed before any bonding can be released on the well. Upon receipt of the Final, an inspection will be performed to verify that the location has been satisfactorily cleaned to NMOCD standards.
6. If work has not begun within 90 days of the approval of this procedure, an extension request must be filed, stating reason that well has not been plugged.
7. Every attempt must be made to clean the well bore out to below the perfs, before any plugs can be set, by whatever means possible.
8. **Cement Retainers may not be used.**
9. **Squeeze pressures are not to exceed 500 PSI, unless approval is given by NMOCD.**
10. **Plugs may be combined after consulting with and getting approval from NMOCD.**
11. **Minimum WOC time for tag plugs will be 4 Hrs.**

DATE: 3/25/2015

APPROVED BY: ASD

## GUIDELINES FOR PLUGGING AND ABANDONMENT

### DISTRICT II / ARTESIA

- All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater.
- Mud laden fluids must be placed between all cement plugs.
- Mud laden fluids must be mixed at 25 sacks of gel per 100 bbls of water.
- A cement plug is required to be set 50' below and 50' above all casing shoes and casing stub plugs. These plugs must be tagged.
- A CIBP with 35' of cement on top may be set in lieu of 100' cement plug.
- A plug as indicated above must be placed within 100' of top perforation. This plug must be tagged.
- Plugs set below and above salt zones must be tagged.
- No more than 2000' is to be allowed between cement plugs in open hole and no more than 3000' in cased hole.
- DV tools are required to have a 100' cement plug set 50' above and below the tool and must be tagged.
- Formations to be isolated with plugs placed at the top of each formation are:
  - Fusselman
  - Devonian
  - Morrow
  - Wolfcamp
  - Bone Spring
  - Delaware
  - Any Salt Section (Plug at top and bottom)
  - Abo
  - Glorieta
  - Yates (this plus is usually at base of salt section)
- If cement does not exist behind casing strings at recommended formation depths, the casing must be cut and pulled with plugs set at these depths or casing must be perforated and cement squeezed behind casing at the formation depths.
- In the R-111-P area (Potash Mine area) a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts common to the section penetrated and in suitable proportions, but not more than a 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible (50' below and 50' above).