

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
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.**

5. Lease Serial No.
LC 031670B

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
ConocoPhillips Company

3a. Address
P.O. Box 51810
Midland, Texas 79710-1810

3b. Phone No. (include area code)
432-688-6913

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

8. Well Name and No.
Warren Unit #78

9. API Well No.
30-025-26511

10. Field and Pool or Exploratory Area
Blinberry/Tubb

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980' FSL & 660' FEL, Sec 20, T20S, R38E

11. Country or Parish, State
Lea County, NM

12. CHECK THE 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 checked="" 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 recompletable 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletable in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must 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 submits the attached procedure to attempt to recover the RBP at 6729' that was placed above the Drinkard Formation and commingle with current Blinberry/Tubb production.

Conditions of Approval to drill & test all new zones separately but cannot produce Downhole commingle until DHC is approved in Hobbs District office according to R-11363

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)
Justin C. Firkins

Title Regulatory Specialist

Signature

Date 01/21/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

PETROLEUM ENGINEER

Date

FEB 20 2009

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

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.



District I
1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

FEB 10 2009

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-26511	² Pool Code 62965	³ Pool Name Warren: Blinebry-Tubb Oil & Gas
⁴ Property Code 3493	⁵ Property Name Warren Unit Blinebry-Tubb wF	⁶ Well Number 78
⁷ OGRID No. 217817	⁸ Operator Name ConocoPhillips Company	⁹ Elevation 3553' GR

¹⁰ Surface Location

UL or lot no. I	Section 20	Township 20S	Range 38E	Lot Idn	Feet from the 1980	North/South line South	Feet from the 660	East/West line East	County Lea, NM
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<div data-bbox="74 966 1055 1957" data-label="Figure"> </div>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <i>Justin C. Firkans</i> Date: 01/28/2009</p> <p>Justin C. Firkans Printed Name</p>
	<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p>
	<p>Certificate Number</p>



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State of New Mexico

FEB 10 2009

Form C-102

RECEIVED
FEB 12 2009
HOBBSOCD

Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-26511	² Pool Code 63080	³ Pool Name Warren: Drinkard
⁴ Property Code	⁵ Property Name Warren Unit	⁶ Well Number 78
⁷ OGRID No. 217817	⁸ Operator Name ConocoPhillips Company	⁹ Elevation 3553' GR

¹⁰ Surface Location

UL or lot no. I	Section 20	Township 20S	Range 38E	Lot Idn	Feet from the 1980	North/South line South	Feet from the 660	East/West line East	County Lea, NM
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	<p>¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>Certificate Number</p>

Warren Unit McKee #78

AFE Number: WA5.CNM.____

API Number: 30-025-26511

Field: Warren Blinebry Tubb O&G / Skaggs Drinkard

Location: 1980' FSL & 660' FEL, Sec. 20, T-20-S, R-38-E, Lea County, NM

Depths: TD = 6350' PBDT = 6729'

Elevation: GR = 3553' KB = 3564'

Casing Data:

Existing & Proposed Casing, Tubing and Packer Information

	OD (in)	Depth (ft)	ID/Drift (inches)	Weight (#/ft)	Grade	Burst	Burst w/ 1.15 D.F.	Collapse (psi)	Collapse w/ 1.05 D.F.	Volume (Bbls/Ft)
Int. Csg.	9 5/8"	1449'	8.921/8.765	36#	K-55	3520	3061	2020	1924	.0773
Prod. Csg	7"	6350'	6.176/6.151	26#	K-55	4980	4330	4320	4114	.0382
Prod. Tbg	2 3/8"	6630'±	1.995/1.901	4.7#	J-55	7700	6696	8100	7714	.00387

Top of Cement: surface

Casing Fluid: 2% KCl (0.438 psi/ft)

Existing Cased Hole Perforations

Formation	Perforations (MD)	Frac Grad	Perf Feet	SPF	Phase	Zero Hole	Holes	Anticipated Reservoir Pressure	Reservoir Temp
Blinebry	5837-6243'								104°
Tubb	6365-6685'								104°
Drinkard	6789-6819'								104°

Correlation Log: Wellex GR/Perforation record log run 12/11/79

Gun Type: 3 1/8" High Shot Density, 34JL Ultrajet, HMX 22.7g, (API 19B: Pen – 28.94", EHD - 0.37")

Prepared by: David McPherson: Contract Production Engineer, Panhandle/Permian Group
Mobile: 1(903) 316-4272 Home: 1(903) 894-3547

GENERAL NOTES

1. No project or task is to be performed unless it can be done safely and without harm to the environment. All work must comply with all State and Federal regulations and with COPC Safety and Environmental Policies.
2. Conduct daily safety meetings and review all procedures with all contractors prior to performing the operation.
3. Report all activity on the WellView Daily Completion Work-Over Report.
4. Insure contractors are familiar with and comply with all relevant COPC safety/environmental policies.
5. Spills are to be prevented. Utilize a vacuum truck as necessary.
- 6. All references to 2% KCl water is powdered 2% KCl.**
7. Throughout the entire completion process, any fluids from the well-bore that are displaced or produced must be sent through the flow-back equipment so that the fluids can be properly disposed.
8. Verify that all pressured lines and fittings meet or exceed the MPSP (Maximum Predicted Surface Pressure) for the treatment lines of **5500** psi for the pressure test during stimulation operations. Maximum treatment pressure during the frac jobs will be **5500** psi. MPSP from the zone should not be greater than 2000 psi before & after stimulation operations of the Tubb zone.
9. Well control for this well will be Class 2, Category 1 before and after stimulation. Expected Shut in Casing Pressures (SICP) before & after stimulation should not exceed 600 psi.

Mid-Continent / Permian / Hobbs East Contact List:

Reservoir Engineer:	D. Pecore	832-486-2145
Geologist:	G. Borges	832-486-2606
Production Engineer:	J. Lowder	432-368-1609
Facilities Engineer Tech:	L. Johansen	432-368-1223
Operations Supervisor:	J. Coy	575-391-3127
Projects Planner:	D. Garrett	432-368-1410
Production Foreman:	V. Mackey	575-391-3129

Recommended Procedure

1. MIRU workover unit. POOH with rods & pump and lay down same. ND wellhead and NU BOP's and test. POOH with 2 $\frac{3}{8}$ " tubing.
2. RIH with 2 $\frac{3}{8}$ ", 4.7# production tubing as workstring to 6729'±, circulating well clean with 2% KCL water. Latch onto RBP and POOH with 2 $\frac{3}{8}$ " workstring. Lay down RBP.
3. RIH with the 2 $\frac{3}{8}$ " production tubing (per tubing design in WellView). Place the EOT at 6830'± with the tubing anchor at 5828'±. Maintain a dynamic fluid column (DFC) while running tubing. (Trickle some 2% KCl water down the tubing head valve.)
4. ND BOPs and NU wellhead. RIH with pump and rods (per rod design in WellView). Space and hang well on. Load tubing and check pump action.
5. RDMO well service rig. Release any ancillary equipment. Clean up location.
6. Turn well over to Operations. Place well on production. Report well tests on morning report. Place stabilized well test in FieldView. Contact chemical representative to place well on corrosion inhibition and scale squeeze program if needed. Submit change of status report.

WARREN UNIT #078

PROPOSED WELLBORE DIAGRAM

API #: 30-025-26511
FIELD: Warren Blinebry Tubb O&G
CO ST: Lea, NM **AREA:** Hobbs East
SECTION: 20 I **TOWNSHIP:** 20S **RANGE:** 38E
LOCATION: 1980' FSL & 660' FEL
DATES: **SPUD:** 10/25/79 **IC:** 2/16/80
LATEST RIG WORKOVER: 8/28/08
DIAGRAM REVISED: 01/14/09 by D. McPherson

	CASING			TUBING
Hole Size	12 1/4"	8 3/4"		
Pipe Size	9 5/8"	7"		2 3/8"
Weight	36#	26#		4.7#
Grade	K-55	K-55		J-55
Thread	ST&C			8rd
Depth	1449'	6850'		6830'±

ELEVATION: GR - 3553', KB 3564'
TREE CONNECTION:

Tubing Description	Length	From	To
Elevation	11.00	0.00	11.00
190 jts 2 3/8" 4.7# J-55 tbg	5817.00	11.00	5828.00
Tubing Anchor	2.75	5828.00	5830.75
31 jts 2 3/8" 4.7# J-55 tbg	937.00	5830.75	6767.75
Endura Joint	30.35	6767.75	6798.10
Seating Nipple	1.10	6798.10	6799.20
SOPMA	30.95	6799.20	6830.15
Rod Description	Length	From	To
1 1/2" polished rod	22.00	0.00	22.00
260 3/4" sucker rods	6625.00	22.00	6647.00
1 1/2" Sinker bars	135.00	6647.00	6782.00
Insert Pump (20-125-RHBC-16-5)	16.00	6782.00	6798.00
Dip Tube	10.00	6798.00	6808.00
Pump Unit: C-160D-200-74 ROX			

9 5/8" @ 1449' cmt w/ 520 sxs

DV Tool @ 3993'

Tubing anchor @ 5828'±

PERFS: 5878', 5884', 5903', 5906', 5909', 5914', 5916', 5928',
 5969', 5973', 5989', 5991', 6003', 6006', 6060', 6063', 6072'
 6075', 6079', 6087', 6096', 6105', 6109', 6115' (12/17/79) Blinebry
 Re-Perf: 5837-6243' (10/28/87)

PERFS: 6518', 6522', 6532', 6536', 6544', 6552', 6562', 6602'
 6616', 6622', 6630', 6641', 6660', 6666', 6672', 6675', 6682'
 (12/17/79) Tubb
 Re-Perf: 6365-6685' (10/28/87)

PERFS: 6789-6819' (10/27/89) Drinkard
 EOT @ 6830'±

7" @ 6850' cmt w/ 1543 sxs

COMMENTS

TD 6850'

WARREN UNIT #078

CURRENT WELLBORE DIAGRAM

API #: 30-025-26511.
FIELD: Warren Blinebry Tubb O&G
CO ST: Lea, NM **AREA:** Hobbs East
SECTION: 201 **TOWNSHIP:** 20S **RANGE:** 38E
LOCATION: 1980' FSL & 660' FEL
DATES: **SPUD:** 10/25/79 **IC:** 2/16/80
LATEST RIG WORKOVER: 8/28/08
DIAGRAM REVISED: 01/13/09 by D. McPherson

CASING			TUBING
Hole Size	12 1/4"	8 1/4"	
Pipe Size	9 5/8"	7"	2 3/8"
Weight	36#	26#	4.7#
Grade	K-55	K-55	J-55
Thread	ST&C		8rd
Depth	1449'	6850'	6679'

ELEVATION: GR - 3553', KB 3564'
TREE CONNECTION:

Tubing Description	Length	From	To
Elevation	11.00	0.00	11.00
184 jts 2 3/8" 4.7# J-55 tbg	5762.97	11.00	5773.97
Tubing Anchor	2.75	5773.97	5776.72
28 jts 2 3/8" 4.7# J-55 tbg	862.48	5776.72	6639.20
Endura Joint	30.35	6639.20	6669.55
Seating Nipple	1.10	6669.55	6670.65
SOPMA	30.95	6670.65	6701.60

Rod Description	Length	From	To
1 1/2" polished rod	22.00	-6.00	16.00
260 3/4" sucker rods	6502.00	16.00	6518.00
1 1/2" Sinker bars	135.00	6518.00	6653.00
Insert Pump (20-125-RHBC-16-5)	16.00	6653.00	6669.00
Dip Tube	10.00	6669.00	6679.00

Pump Unit: C-160D-200-74 ROX

9 5/8" @ 1449' cmt w/ 520 sxs

DV Tool @ 3993'

PERFS: 5878', 5884', 5903', 5906', 5909', 5914', 5916', 5928',
 5969', 5973', 5989', 5991', 6003', 6006', 6060', 6063', 6072'
 6075', 6079', 6087', 6096', 6105', 6109', 6115' (12/17/79) Blinebry
 Re-Perf: 5837-6243' (10/28/87)

PERFS: 6518', 6522', 6532', 6536', 6544', 6552', 6562', 6602'
 6616', 6622', 6630', 6641', 6660', 6666', 6672', 6675', 6682'
 (12/17/79) Tubb
 Re-Perf: 6365-6685' (10/28/87)

RBP @ 6729' (10/27/87)

PERFS: 6789-6819' (10/27/89) Drinkard

7" @ 6850' cmt w/ 1543 sxs

COMMENTS

TD

6850'