

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address ConocoPhillips Company P. O. Box 51810 Midland, TX 79710-1810		² OGRID Number 217817
		³ API Number 30 025-34583
³ Property Code 24690-31308	⁵ Property Name Tomahawk "19" State	⁶ Well No. 1
⁹ Proposed Pool 1 wildcat Vacuum, Abo Reef		¹⁰ Proposed Pool 2

7 Surface Location

UL or lot no H	Section 19	Township 17S	Range 34E	Lot Idn	Feet from the 2616	North/South line North	Feet from the 1148	East/Westline East	County Lea
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8 Proposed 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/Westline	County
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Additional Well Information

¹¹ Work Type Code P	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4092'
¹⁶ Multiple N	¹⁷ Proposed Depth 8870'	¹⁸ Formation Abo	¹⁹ Contractor TBD	²⁰ Spud Date 1/2007
Depth to Groundwater 100' 78' w		Distance from nearest fresh water well >1000'		Distance from nearest surface water >1000'
Pit: Liner, Synthetic <input type="checkbox"/> milst thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: _____				
Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

21 Proposed Casing and Cement Program

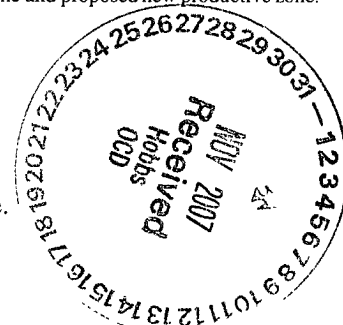
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	54.5#, J-55	411'	450sx CI"C"	Circ 182sx
11"	8-5/8"	32#, K-55	4790'	1900sx POZ"C"	Circ 165sx
7-7/8"	5-1/2"	17#, LS-110		DV@10478'	
7-7/8"	5-1/2"	20#, S-95	13517'	800sx POZ"H"+	
				450sx POZ"H"	

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Objective: To perforate, stimulate and pump test the Abo formation.
Set CIBP above Cisco @ 11,500' +/-
Perforate Abo interval @ 8870-8924' w/2 spsf (108 holes)
Acid frac & pump test well

*The work is to include the use of a frac tank or steel pits, therefore, a pit permit will not be applicable.

**Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Plugback**



²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input checked="" type="checkbox"/> .		OIL CONSERVATION DIVISION	
Printed name: Celeste G. Dale		Approved by: <i>Chris Williams</i>	
Title: Regulatory Specialist		Title: OC DISTRICT SUPERVISOR/GENERAL MANAGER	
E-mail Address: celeste.g.dale@conocophillips.com		Approval Date: NOV 15 2007 Expiration Date:	
Date 11/02/2007	Phone: (432)688-6884	Conditions of Approval Attached <input type="checkbox"/>	

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-34583		Pool Code 61780		Pool Name Vacuum; Abo Reef	
Property Code 24690		Property Name Tomahawk "19" State			Well Number 1
OGRID No. 217817		Operator Name ConocoPhillips Company			Elevation 4092'GR

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	19	17S	34E		2626	North	1148	East	Lea

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
Dedicated Acres 40		Joint or Infill		Consolidation Code		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>16</div>	<div>17 OPERATOR CERTIFICATION</div> <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> <div> <div>Celeste G. Dale</div> <div>11/02/2007</div> </div> <div> <div>Signature</div> <div>Date</div> </div> <div>Celeste G. Dale</div> <div>Printed Name</div>			
	<div>18 SURVEYOR CERTIFICATION</div> <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>			
	<div>Date of Survey</div> <div>Signature and Seal of Professional Surveyor:</div>			
	<div>Certificate Number</div>			