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

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

1220 S. St. F	rancis Dr.,	Santa Fe, NM	I 87505		San	ta Fe, N	IM 87:	505						
APP	LICAT	IONFO	R PERMI'	TTOD	RILL, RE	E-ENT	E R. D	EEPE	N. PLUGI	BACK.	OR AT	DD A ZONE		
	Operator Name and Address ConocoPhillips Company							ER, DEEPEN, PLUGBACK, OR ADD A ZO 217817 20GRID Number						
3300 N. "A" St., Bldg. 6 Midland, TX 79705-5490							³ API Number 30 4025-30505							
³ PropertyCode ⁵ Property									1 30 023	6 Well No.				
31257 Vacuum Glorieta East Unit (T							ract 42) 1							
⁹ Proposed Pool 1 Vacuum; Glorieta							¹⁰ ProposedPool 2							
vacuum; C		7 5												
UL or lot no. Section Townshi			Danca	7.00	7 Surface Lo				Free a	Feet from the East/We		assilina Camata		
E			Range 35E			1655		South line 1	990	Wes	/Westline t	County		
⁸ Proposed Bottom Hole Location If Different From Surface										.L				
UL or lot no.	Section	Township	Range	Lot	Idn Feet	from the	North/	South line 2	2 Feet from the	East	/Westline	County		
С	33	178	35E		165		North		2007	Wes	t	Lea /		
Additional Well Information "Work Type Code "2 Well Type Code "2 Cable/Rotary Cabl														
P	Work Type Code			¹² Well Type Code			tary TV		Dease Type God	le	¹³ Gro [3946 Gl	round Level Elevation		
	16 Multiple		17 Proposed Depth		R 18 Form		ion S		Cease Type God		3940 G	20 Spud Date		
		6052	TVD , 7755		Glorieta			OFB BO				Approval		
Depth to Grou	ındwater	75'		Distanc	esh water y	vell 1000'	•	Distance	from neares		urfacewater >1000'			
Pit: Liner:														
Close	d-Loop Sys	tem 🗆					Fresh	Water []	Brine X Die	sel/Oi-based	L□ Gas/	Air 🗆		
			2	1 Propo	sed Casing	and Ce	ement	Progra	m					
Hole S	Size	Cas	ing Size		g weight/foot						Estimated TOC			
12-1/4"					24#		1586'		1200sx Cl "C"		Surf	Surf.		
7-7/8"		5-1/2"		15.5#			6350'		1800sx Cl "C"			1100'		

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed														
Describe the	he proposed Slowout pre	program. If the program is a second to the progr	this application i am, if any. Use	is to DEEPI additionals	EN or PLUG BA	ACK, give	the data	on the pres	sent productive	zone and pro	oposed nev	w productive zone.		
Per the follo	owing Pro	ocedure, C	onocoPhillip	s plans to	drill a 1750	' sidetra	ck with	in the ex	xisting cased	hole. Ko	OP @ 59	941',		
penetration	(formation	on entry) p	oint location	- 1536' F	NL & 1122'	FWL Se	. 22	cahamat	ia attached			•		
-Set Cast Ire	on Bridge	e Plug in V	ertical Wellt	oore			Permit Expires 1 Year From Approval Data Unitoso Onling Underway Horizontal							
-Set Whipst	tock abov	e Cast Iron	n Bridge Plug	3	C.1 1: .	1.		1/36	a Chariss	Horis	2-40	i.l		
-Mili a wind	llv drill 4	e 3-1/2 ca -3/4" horiz	sing (windov contal lateral	v mili on hole usin	the whipstong 10 ppg bri	ck) ne or alt	ernativ					te Drill-In Fluid		
-Leave the l	norizonta	l lateral as	an open hole	- no cas	ing to be run	in it and	l no ce	menting	in the horizo	ontal later	al.	to Diffi-in Fluid		
-Recover the	e Whipst e Cast In	ock on Bridge !	Plug in the vo	ertical we	ellhore and c	lean out	the ver	tical wa	llhora oc nac	dod				
-Complete t	he well v	vith the pur	mp (either be	am pump	or Electrica	ıl Subme	rsible l	Pump) ii	n the vertical	wellbore	. Comn	ningle the		
production i	from the	perforation	is in the verti	cal wellb	ore with the	producti	ion froi	m the ho	rizontal late	ral or aba	ndon the	perforations in		
1			ce the horizo				on.							
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							OIL CONSERVATION DIVISION							
constructed according to NMOCD guidelines , a general permit , or							Approved by:							
an (attached) alternative OCD-approved plan 🔯.							March							
Printed name:	Printed name: Celeste G. Dale Culliste A. Pah								Title: 10007					
Title: Regulatory Specialist							APR 2007 Approval Date: Expiration Date:							
E-mail Addres	E-mail Address: celeste.g.dale@conocophillips.com								·····					
Date: 04/13/2007 Phone: (432)688-6884							ionsof A	nproval At	tached \Box	·				

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

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

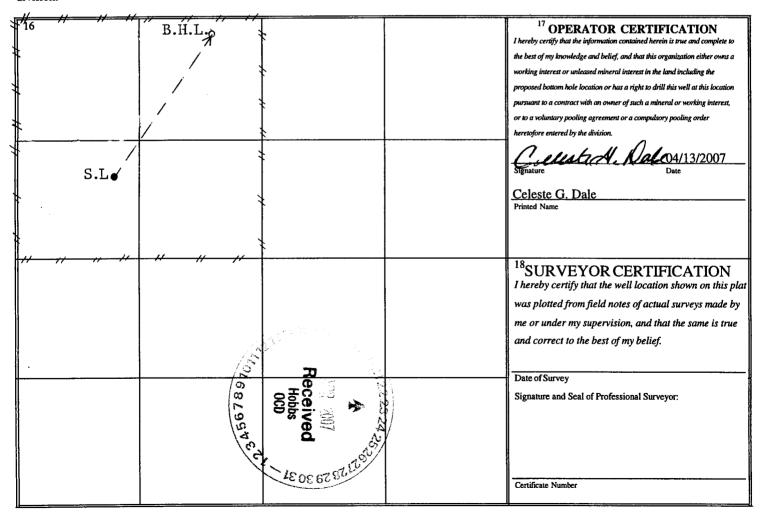
Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

1220 S. St. Francis	Dr., Santa F	e, NM 875	05					l		ENDED R	EPORT		
			WELL LO	CATIO	N AND ACR	EAGE DEDIC	ATION PLA	T					
'API Number				' Pool Code		' Pool Name Vacuum; Glorieta							
30-025-30505				100	'Property N								
Property Code				'Well Number									
31257	Vacuu	m Glorieta E	ast Unit (1		1								
'OGRID No.			* Operator Name								'Elevation		
217817		ConocoPhillips Company								3946' 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		
Е	33	17S 35E			1655	North	990 West			Lea			
			¹¹ B	ottom Ho	le Location If	f Different From	n Surface						
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line			County		
C	33 17S		35E		165	North	2007	West		Lea			
" Dedicated Acres	" Joint or	r Infill	" Consolidation	Code "Or	der No.								
160													

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.



Datum: RKB (12' above ground level) 11" 5M x 7 1/16" 5M Tubing Head 8-5/8" SOW x 11" 5M Casing Head 8-5/8" Surface Casing Window 5-1/2" Production Casing Horizontal Lateral **Tubing & Pump** Schematic prepared by: Jaime Avendano, Drilling Engineer Steve Moore, Drilling Engineer 12-April-2007

ConocoPhillips' General Plan for Pit Construction & Closure in Southeast New Mexico October 2005

In accordance with Rule 19.15.2.50(B)(2), the following information describes the construction and closure of drilling pits on COPC Southeast New Mexico (SENM) locations. This will become COPC's standard procedure on all SENM locations. If pits are constructed or closed out of the norm, a separate permit application will be submitted.

Drill Pit Construction:

General:

- Depth to Ground Water, Wellhead Protection Area & Distance to Nearest Surface Water Body ranking criteria will be site specific and information will be provided on APD or Sundry form C-103.
 - In the case where groundwater is encountered during the construction of a drilling pit, the NMOCD will be contacted and COPC will either try to find an alternative well location or use a closed steel tank system.
- The pit size and design is specific to well depth and location conditions.
- Topsoil will be stockpiled in the construction zone for later use in restoration.
- Pits will not to be located in natural drainages.
- Diversion ditches will be constructed and maintained so that runoff water from outside the location is not allowed to enter the pit.
- Under no circumstance will pits be cut and drained during the drilling operations.
- A well sign will be on location identifying ConocoPhillips as the operator.
- Waste material at construction sites shall be disposed of promptly at an appropriate waste disposal site. No trash shall be disposed of in the drilling pit.
- Immediately after cessation of drilling and completion pits shall have any visible or measurable layer of oil removed from the surface.
- Prior to any pit construction the OCD will be notified at least 48 hours in advance.

Reserve Pit

- Pits will be constructed so as not to leak, break or allow discharge of liquids or produced solids during the drilling operations.
- Pits will be lined with impervious material at least 12 mils thick, which meets long-term standards as referenced in the guidelines. Padding (hay or pad dirt) is used underneath the synthetic liner in rocky areas.
- The pit will have adequate capacity to maintain 2 feet of free board.
- The reserve pit will be fenced on three sides away from the pad during drilling and the fourth side fenced as soon as the rig moves out.

Blow Pit

- Pits will be constructed to allow gravity flow to discharge into lined drill pit.
- The lower half of the pit, which is toward the drain line to the fully lined reserve pit, will be lined.
- Design of pit has been changed to reduce potential for trapped fluid at tail end of pit
- Pit will be fenced on three sides away from the pad during drilling and the fourth side fenced as soon as the rig moves off.
- Corrective actions will be taken to ensure the pit does not contain fluid.
 - This includes pumping out trapped fluid or fluid in low spots.
 - Filling in low spots in the blow pit that are below the elevation of the drain pipe to the lined pit.
 - Removing any high spots in blow pit that could trap rain water.

Pit Monitoring and Maintenance

- COPC will perform an inspection of the location including pit compliance within 72 hours of rig moving off.
- COPC will review the OCD pit requirements and the requirements included in this document with all COPC and contract personnel responsible for construction and closure of pits.

Drill Pit Closure:

- Good faith effort is made to close pits within required timeframe on Federal wells (90 days) and State/Fee wells (6 months). If pits will remain open past due dates, an extension will be requested by sundry notice to allow pits to remain open.
- The BLM is notified 24 hours prior to fluid hauling on Federal wells.
- The NMOCD will be notified 48 hours prior to closing of any pit.
- Aeration of pit fluids will be confined within pit area.
- Wells which have not penetrated a salt section and where less than 9.5# brine was used during drilling will be encapsulated below-grade.
 - Encapsulation will be accomplished by mixing earthen materials with the pit contents to stiffen the pit contents, as necessary, folding the edges of the liner over the stiffened mud and cuttings and covering the encapsulated wastes and liner with a minimum of 3 feet of clean soil or like material that is capable of supporting native plant growth.
- Wells which have penetrated a salt section or 9.5# brine or greater was used during drilling may be capped and encapsulated insitu or deep trench buried and capped below-grade.
 - Capping and encapsulation insitu will be accomplished by mixing earthen materials with the pit contents, as necessary to stiffen the pit contents sufficiently to provide physical stability and support for the pit cover, folding the edges of the liner over the stiffened mud and cuttings; capping the pit with either a 1-foot thick clay cap compacted to ASTM standards, or a 20 mil minimum liner and covering the cap with a minimum of 3 feet of clean soil or like material that is capable of supporting native plant growth.
 - Deep trench burial and capping will be accomplished by digging a trench adjacent to the drilling pit; lining the trench with a 12 mil liner; mixing earthen materials with the pit contents, as necessary to stiffen the pit contents sufficiently to provide physical stability and support for the trench cap; capping the trench with either a 1-foot clay cap compacted to ASTM standards, or a 20 mil minimum liner and covering the cap with a minimum of 3 feet of clean soil or like material that is capable of supporting native plant growth.
 - When constructing the cap, the liner or clay cap will overlap the underlying pit or trench area by at least 3 feet in all directions.
- If the depth to groundwater is less that 50 feet or if the well is located less than 200 feet from a domestic fresh water well or spring or less than 1000 feet from any other fresh water well or if the distance to surface water body is less than 200 feet; the well is considered to be in sensitive area. (Keep in mind that these are not the only scenarios of sensitive area.)
 - A special encapsulation or solidification process prior to covering the pit contents will be accomplished by mixing the pit contents with cement or some other solidifying product at approximately a 3 to 1 ratio with samples taken and approved by the OCD prior to closure and then contents buried as described above.
 - OCD must give written approval on any special closure or encapsulation prior to any work being done.
- The reserve pit will then be backfilled, leveled and contoured so as to prevent run-off to surface water.
- The area will be reseeded with the appropriate seed mixture.
- The final grade of reserve pit (after reclamation) will be returned to natural contour of the land such that no pooling will occur.
- A closure report will be submitted on Form C-144 on all drilling pits.
- Note: On Federal wells, a BLM inspector may witness pit closures and may mandate specific modifications to that which is mentioned above. If this happens, OCD will be contacted for concurrence and modifications will be noted in the closure report.