OCD Hobbs

Farm 3160-5 (April 2004)

AUG 22 2009 UNITED STATES DEPARTMENT OF THE NUMBER OF COLUMN BUREAU OF LAND MANAGEMENT OF COLUMN OF COLUMN

April 2004) I	DEPARTMENT OF THE BUREAU OF LAND MAN	INTERNET			pires: March 31, 2007
				5. Lease Senal N LC 030467	7B
	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.			6. If Indian, Allottee or Tribe Name	
	IPLICATE- Other inst	AND THE RESERVE OF THE PARTY OF		7 If Unit or C	N/Agreement, Name and/or No.
1. Type of Well Oil Well	Gas Well Other		and the second	8. Well Name Vaughn I	
2. Name of Operator ConocoPhillips Company ATTN: Celeste Dalo 3a. Address 3300 North "A" St, Bldg 6 #247, Midland, TX 79705-5406 3b. Phone No. (include area code) 432-688-6884				9. API Well No. 30-025-24844 10. Field and Pool, or Exploratory Area Jaimat; Vates Gas	
			area code)		
4. Location of Well (Footage, Sec.	T., R., M., or Survey Description)			11, County or Parish, State	
Unit Letter E; 1,980 FNL &	660 FWL, Section 1, T-24-S, R	t-36-Æ		Lea, New	
12. CHECK A	APPROPRIATE BOX(ES) TO	INDIÇATE NATUR	E OF NOTICE, R	EPORT, OR	OTHER DATA
TYPE OF SUBMISSION		'TYI	E OF ACTION		
✓ Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production (St	art/Resume)	Water Shut-Off Well Integrity Other
Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon	Temporarily A		
Final Abandonment Notice	Convert to Injection	L Plug Back	Water Disposal		
13. Describe Proposed or Compl	cted Operation (clearly state all per	tinent details, including est	imated starting date of a	any proposed wot are vertical depths	k and approximate duration thereof s of all pertinent markers and zones.

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.)

SEE ATTACHED PROPOSED PLUGGING PROCEDURE, AND CURRENT & PROPOSED PLUGGED WELLBORE DIAGRAMS

SEE ATTACHED FOR CONDITIONS OF APPROVAL

	APPROVED					
	AUG 19 2008					
JAMES A. AMOS SUPERVISOR-EPS						

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) James F. Newman, P.E.	Fitle Area Manage	er, P&A Basic Energy Services 432-687-1994
	Date	08/19/2008
THIS SPACE FOR FEDERAL	OR STATE OF	FICE USE
Approved by Chis Wellson	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant certify that the applicant holds logal or equitable title to those rights in the subject least which would entitle the applicant to conduct operations thereon.	Office	willfally to make to any department or against of the United

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.

WELLBORE SKETCH ConocoPhillips Company -- Mid-Continent BU / Odessa

Date: April 21, 2008

RBM @ __ 3355 DF@_ 3354 3344.9 GL @ Vaughan B-1 No. 6 1980' FNL & 660' FWL, Section 1, T-24-S, R-36-E Lease & Well No. : Legal Description: 12-1/4" Hole New Mexico County: Jalmat Tansili Yates Seven Rivers (Pro Gas) Field: Rig Released Sept. 26, 1974 Scpt. 10, 1974 Date Spudded: 30-025-24844 API Number : Sarial Lee No. LC030467B Statue: Agreement No. 071030467B Stimulation History: 9-5/8" 36# @ 500" Max Lbs. Max Cmt'd w/250 ax, circ Sand Press ISIP Rate Down Type Gals Date <u>Interval</u> TOC @ Surface Porforate 2810-2812 and squeeze with 80 ax cement 9/30/74 Perforate 3482-3670 - 1 jspf (select fire) 10/2/74 1750 300 4,5 15% NE HCI 1,500 10/3/74 3662-3670 15% NE HCI 1,500 10/4/74 3482-3589 2200 600 15.0 Gelled TFW 24,000 40,000 10/4/74 3482-3589 Perforate 2 japf 3086-3382 (select fire) Guns not firing properly 10/14/74 Perforate 2 japf 2928-3258 (select fire) 10/16/74 250 2,000 2982-3670 10/21/74 15% MCA 250 (Swab) 3% NEFE 2982-3670 12/19/89 Top Salt @ 1300' Set CIBP @ 3428' - Abandon Lower Zone 1/30/08 Shut-In 2/1/08

> 2810-2812 -- Sq2'd w/80 sx (Interval squeezed 2671-2815')

Base Salt 2750' TOC 7" Csg @ 2800'

8-3/4" Hole 7" 20# @ 3725' Cmt'd w/210 sx TOC @ 2800'

PBTD: 3685' TD: 3725'

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ConocoPhillips Company
Vaughn B-1 #6
API #30-025-24844
Jalmat Tansil Yates Seven Rivers (Pro Gas) Field
Lea County, New Mexico

Proposed Plugging Procedure

See attached wellbore diagrams for wellbore configuration

Casings:

9%" 36# casing @ 500' cmt'd w/ 250 sx, circulated

7" 20# casing @ 3,725' cmt'd w/ 210 sx, TOC @ 2,800'

Perforations: 2,928 -3,382'

3,482 - 3,670', CIBP @ 3,428'.

Tubulars:

none

- Contact NM Digtess (1-800-321-2537) minimum 48 hrs prior to move-in
- Verify anchors tested within last two years
- Notify NMOCD & BLM 48 hrs prior to move in, and 4 hrs prior to plugs
- Document daily tailgate safety meetings w/ crews
- Observe ConocoPhillips 10 2 4 work break program

2%" tubing capacity = 0.00387 bbls/ft 7" 20# casing capacity = 0.0405 bbls/ft = 4.399 ft/ft³ 9%" 36# casing capacity = 0.0773 bbls/ft = 0.434 ft/ft³

- Set steel pit and flow down well as needed.
- 2. MIRU plugging equipment. ND wellhead and NU 6" 5,000# hydraulic BOP.

Rigging up Plugging Equipment	Injury to Personnel	Check for overhead obstructions Observe Safety procedures while rigging up JSA
Lifting/Moving heavy equip.	Injury to Personnel	Inspect and use rated chains/slings Proper hook/shackle placement
Static Electricity	Injury to Personnel and Equipment	Ground Rig to Well-Bore
H ₂ S	Injury to Personnel	Monitoring equipment Safety Plan Emergency Contacts All on site H2S Trained

3. RIH w/ 2%" workstring tubing, tag CIBP @ ~3,428'. RU cementer and displace hole w/ 100 bbls plugging mud. Pump 25 sx C cmt 3,428 – 3,283' (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 145' in 7" 20# casing), displacing w/ 12.25 bbls mud. POCH w/ tubing.



Running tubing	Injury to Personnel, Equipment & Well-Bore	Proper pipe handling practices check Slips/Tongs/Elevators 100% Tie-Off in demck
Fall from Height	Injury to Personnel	 Platforms w/Rails even consider if less than 4'
Mixing Plugging	Health Hezerd	Proper PPE Respiratory Protection
Mud High pressure Pumping	Injury to Personnel and Environmental Issues	 Establish & Use Safe Area Inspect all hoses/connections

- 4. RIH w/ HM tbg-set CIBP for 7" 20# casing on 2%" workstring to 2,878'. RU cementer and set CIBP @ 2,878'. Circulate hole w/ mud and pump 35 sx C cmt 2,878 2,675' (1.32 ft³/sk yield, 46.2 ft³ slurry volume, calculated fill 203' in 7" 20# casing) displacing w/ 10 bbls plugging mud. POOH w/ tubing standing back 1,000' and laying down remainder. Yates & Base of Salt plug
- RU & test lubricator to 1,500 psi. RIH w/ wireline & perforate 7" casing @ 1,300'. POOH w/ wireline. RD lubricator.

HAZARDS	Injury to Personnel	Rig-up outside of Anchors, 50' from well-bore
Static Electricity	Pre-Detonation of Explosives, Injury to Personnel and Equipment	Ground Wireline to well-bore Ensure there is no power
Explosive Guns	Injury to Personnel and Equipment	source while assembling wire detonator to wireline first - then to charge

6. RIH w/ packer to ~1000'. Load hole w/ plugging mud, set packer, and establish rate into perforations at 1,500 psi or less. Squeeze 40 sx C cmt w/ 2% CaCl₂ 1,300 – 1,174' (1.32 ft³/sk yield, 52.8 ft³ slurry volume, calculated fill 126' in 8¾" open hole) displacing w/ 10.5 bbls (tubing volume = 3.9 bbls). WOC & tag this plug no lower than 1,200'. POOH w/ packer standing back 180' and laying down remainder. *Top of Salt Plug*

PARTHAZARES PERE	REAL PROPERTY OF THE PROPERTY	原和公共社会	Solutions
Mixing CaCl2	Health Hazard Inhalation Chemical burn	6	Refer to MSDS Proper PPE
High pressure Pumping	Injury to Personnel, Equipment and Environmental Issues	÷	Establish & Use Safe Area Inspect all hoses/connections

- RU & test lubricator to 1,500 psi as needed. RIH w/ wireline and perforate 7" casing @ 550'. POOH w/ wireline, RD lubricator.
- 8. RIH w/ packer to ~180'. Load hole w/ plugging mud, set packer, and establish rate at 1,000 psi or less. Squeeze 60 sx C cmt w/ 2% CaCl₂ 550 360' (1.32 ft³/sk yield, 79.2 ft³ slurry volume, calculated fill 190' in 8¾" open hole) displacing w/ 8.0 bbls (tubing volume = 0.7 bbls). WOC & tag this plug no lower than 450'. POOH w/ packer. Surface casing shoe Plug
- RU & test lubricator to 1,500 psi as needed. RIH w/ wireline and perforate 7" casing @ 60'. POOH w/ wireline, RD lubricator.



- 10. Establish circulation through both 7" & 9% " annuli. ND BOP and NU wellhead. Circulate 25 sx C cmt 60' to surface (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 92' in 9%" 36# casing). Surface plug
- 11. RDMO location.

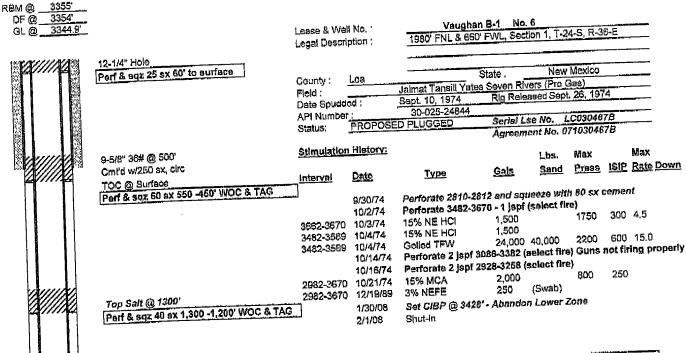
TANK HAZARDSA STAR	THE CIST OF THE COLOR		SOLUTIONS
Lowering Derrick	Injury to Personnel & Equipment Pinch points	9	JSA Bleed air from raising cylinder
Loose Equipment	Injury to Personnel and Vehicles	9	Secure all loose equipment Vehicle Inspections prior to movement

12. Cut off wellhead and anchors, install dry hole marker. Level location. Leave location clean and free of trash.

The state of the s	AND AND ESTECTS AND WATER OF	SOLUTIONS
Explosive Atmospheres	Injury to personnel and Equipment Damage	 Excavation & Hot Work Permits Monitor Atmosphere
Cutting/Capping	Injury to Personnel	Secure wellhead on site helper watching area
Wellhead Grass/Brush Fires	Injury to Personnel, Equipment & Land	 Clear area w/backhoe Fire watch Emergency Contacts

PROPOSED PLUGGED WELLBORE SKETCH ConocoPhillips Company -- Mid-Continent BU / Odessa

Date: August 12, 2008





PROPOSED PLUGGING PROCEDURE

- TAG CIBP @ 3,482', circ mud, pump 25 sx 3,428 3,283' eet CIBP @ 2,876' & pump 35 sx C cmt 2,878 - 2675'
- Perf & sqz 40 ax 1,300 -1,200' WOC & TAG
- Port & sqz 60 sx 550 -450' WOC & TAG

Perf & sqz 25 sx 60' to surface

Capacities				
4½" 9.5# csg: 5½" 15.5# csg: 5½" 17# csg: 7" 20# csg: 7½" 28.4# csg: 8½" 24# csg: 9½" 40#:csg: 10½" 40.5# csg. 7½" openhole: 8½" openhole:	10,960 7,483 7,561 4,399 3,775 2,797 2,304 1,815 2,957 2,395 1,222	11/11/3 11/11/3 11/11/3 11/11/3 11/11/3 11/11/3 11/11/3 11/11/3	0.0912 0.1338 0.1305 0.2273 0.2848 0.3575 0.4340 0.5508 0.3382 0.4176 0.8185	ft3/ft ft3/ft ft3/ft ft3/ft ft3/ft ft3/ft ft3/ft ft3/ft ft3/ft ft3/ft ft3/ft

Formation Tops:	
Rustler	1200
Top Salt	1300
Base Salt	2750
Yates	2918
Seven Rivers	3138
Queen	3517

2810-2812 -- Sqz'd w/80 sx (Interval squcezed 2671-2915')

Base Salt 2750'

TOC 7" Cag @ 2800' set CIBP @ 2,876', circ mud, pump 35 sx cmt 2,878 -2,675'

Jalmat 2928 2935 2947 2986 2975 2980 3005 3014 3048 3059 3079 3086 3110 3116 3124 3133 3182 3190 3205 3220 3230 3250 3258 3374 3382

TAG CIBP @ 3,482' & pump 25ex 3,428 - 3,283'

CIEIP @ 3428*

<u>Langile Mattix</u> 3482 3501 3520 3538 3546 3562 3580 3589

3662 3670

8-3/4" (-lole 7" 20# @ 3725 Cmt'd w/210 sx TOC @ 2800'

3685 PBTD: 3725

8/19/2008 13:19 4326870	066	TRIPLE N SERV	ICF2 IR	PAGE 50750
O. 2.1				Form C-103
r_a_ Thistalast	State of New I	Mexico		May 27, 2004
ubmit 3 Copies To Appropriate District	Energy, Minerals and N	ahiral Resources	Terret & ADT NO	
office	Energy, Milliorais and 11	DETAIN	WELL API NO.	
District I 625 N. French Dr., Hobbs, NM 88240		NOISINGTON	30-025-24844	190e
	OIL CONSERVATION	Old Diagram	5. Indicate Type of Lo	FEE
Jistrickii (301 W. Grand Ave., Artesia, NM 88210	1220 South St. F	rancis La.	STATE 🗵	
<u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM	1 87505	6. State Oil & Gas Le	Mase No. Mase No.
	The Edward Control of the Control of		•	
AAA C C4 Comais i it Sanid FC, 1919A			7. Lease Name or Un	it Agreement Name
	S AND REPORTS ON WE	LLS	7. Jacquot 14000 -	-
SUNDRY NOTICE SUNDRY NOTICE (DO NOT USE THIS FORM FOR PROPOSAL (DO NOT USE THIS FORM FOR PROPOSAL (DO NOT USE THIS FORM FOR PROPOSAL)	S TO DRILL OR TO DEEPEN OF	K PLUG BACK TO A	Vaughan B-1	
(DO NOT USE THIS FORM FOR PROPOSAL DIFFERENT RESERVOIR. USE "APPLICAT	ION FOR PERMIT" (FORM C-10)() FOR SUCH	8. Well Number	6
PROPOSALS.)	M 50 00 00		8. Well Number	
PROPOSALS.) 1. Type of Well: Oil Well Ga	s Well 🔀 Other		9. OGRID Number	production of the same of the
2. Name of Operator		en Dolo		005073
Z. Name of Operator	ps Company ATTN: Celes	te Date	10. Pool name or W	ildcat
3. Address of Operator		. 4 TV 70705-5406	Langlie	Mattix RVRS QN GB
3. Address of Operator 3300 N. "A"	Street, Bldg. 6 #247, Midlar	id, 17, 79703-3400		
				West line
4. Well Location	1980_feet from theNort	h line and66	0feet from the _	
Unit LetterE:	[980] [88] [10m dio	Range 36-E	NMPM	County Lea
	Township 24-S		(c)	A STATE OF THE PROPERTY OF STATE OF THE PARTY OF THE PART
CONTRACT OF THE PARTY OF THE PA	11. Elevation (Show whether	P DK, KKD, KI, CIG C	E de la martina	Salara Salara Salara
	100		The state of the s	4
Pit or Below-grade Tank Application X or	Tosure		history Commander of Chrisco	water N/A
	water Distance from near	est fresh water well	Distance from nearest surface	STEEL
17 16 40 (m . Guada Tanki Volm	me 180 <u>bbls;</u>	Construction Material	
Pit Liner Thickness: STEEL mil	ppropriate Box to Indic	A Notice	e Report or Other D	ata
12 Check A	ppropriate Box to Indic	ate Nature of House	of trobout	
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NOTICE OF INT	ENTION TO:	- DEMECTAL M	ORK /	TEKING CYPING F
PERFORM REMEDIAL WORK	PEOG VIAD VOVIADON F	<u> </u>	DRILLING OPNS.	AND A
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15MFORMATION TO		CASING/CEM		Ī.
POLL ON MELEN ON ANTINE		OTHER:		including estimated
OTHER: 13. Describe proposed or complete of starting any proposed wo	etad exerctions (Clearly St	ate all pertinent details	, and give pertinent dates	, morning estimated complete
13. Describe proposed or compl	as crepit F 1103. For	Multiple Completions:	Attach wellbore diagra	III al brobosen combre
of starting any proposed we	nk). GEL ROLL XXXXII			
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The Oil Conservation Division Mus	t pe votatea Letreane anetaliane	1		
The Oil Conservation Division in us 24 hours prior to the beginning of	binadatia obcience.			

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines [3], a general permit [3] or an (attached) alternative OCD-approved plan [3]. TITLE Area Manager, P&A Operations (Baisic Energy Services) DATE 08/12/08 SIGNATURE Type or print name: James F. Newman P.E. E-mail address: James.Newman@BasicEnergyServices.com Telephone No. 432-687-1994 For State Use Only APPROVED BY: Conditions of Approval (if any):

Vaughn B-1 #4 3002524844

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	CIBP @)	V 1
CASING SIZE 7" 20"		ERFORATIONS 3482-3670
TD 3725 PBTD 368	85	2928- 3382

BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

Permanent Abandonment of Federal Wells Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within <u>ninety (90)</u> days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

- 2. <u>Notification:</u> Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.
- 3. <u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
- 4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.
- 5. <u>Cement Requirement</u>: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

- 6. <u>Dry Hole Marker</u>: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).
- 7. <u>Subsequent Plugging Reporting:</u> Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**
- 8. <u>Trash:</u> All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.