Form 3160-5
(August 2007)

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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.

SUBMIT IN TRIPLICATE *– Other instructions on page 2.*

5. Lease Serial No.
NM 108507

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
Eilliams # 6

2. Name of Operator
ConocoPhillips Company

9. API Well No.
30-025-01383

3a. Address
3300 N. "A" St., Bldg. 6 Midland TX 79705

3b. Phone No. *(include area code)*
(432)688-6813

10. Field and Pool or Exploratory Area
Corbin Abo

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
2311 FNL & 659 FWL
Unit Letter E, 33-17S-33E

11. Country or Parish, State
Lea county, New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
[X] Notice of Intent	[ ] Acidize	[ ] Deepen	[ ] Production (Start/Resume)	[ ] Water Shut-Off
	[ ] Alter Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[ ] Subsequent Report	[ ] Casing Repair	[ ] New Construction	[ ] Recomplete	[ ] Other Plugging
	[ ] Change Plans	[ ] Plug and Abandon	[ ] Temporarily Abandon	
[ ] Final Abandonment Notice	[ ] Convert to Injection	[ ] Plug Back	[ ] 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 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 must 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 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 intends to plug the Eilliams #6. This well is currently TA'd, and its production potential is limited. Plans to P&A are attached.

SEE ATTACHED FOR CONDITIONS OF APPROVAL

RECLAMATION PROCEDURE ATTACHED

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
Jalyn N. Fiske

Title Regulatory Specialist

Signature

Date 01/10/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

APPROVED
JAN 28 2011
/s/ Dustin Winkler
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

CEG 1-18-2011

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

(Instructions on page 2)

JUL 18 2011

Fiske, Jalyn N

From: Bles, Scott

Sent: Friday, December 17, 2010 2:30 PM

To: Navarrette, Michelle V; Butkus, Grant M; Angerman, Charlie E

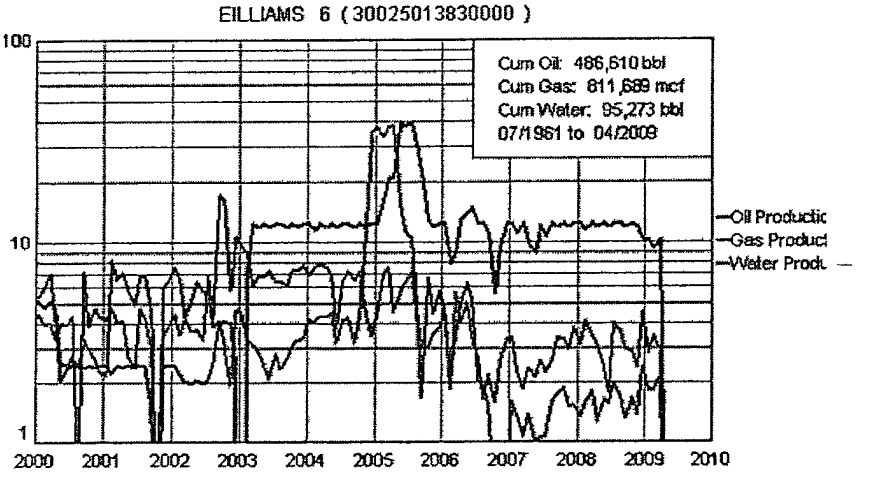
Cc: Ross, Dennis E.; Williams, Donna J; Fiske, Jalyn N

Subject: Eilliams-6: P&A

Michelle, have prepared a draft procedure. Due to down hole casing issues, we will probably do the P&A rather than Basic...this may be an expensive one. Just need to get internal approval process going. TA permit expiration: 03.30.11.

It is recommended to P&A the Eilliams-6 (30-025-01383). The well has been in-active since 04.2009 due to down hole casing failure. On most recent test of 12.02.2008, the Eilliams-6 produced 4 BOPD, 10 BWPD & 2 MCFPD from the Abo gross perforated interval: 8562-8734. Cumulative production since first production 07.1961 has been 486 MBO & 812 MMCF. The well is currently TA (TA permit expiration: 03.30.2011). A return to active status can not be economically supported. During workover efforts 08-09.2010, a 5-1/2" casing restriction was encountered @ 2163. Well work efforts were suspended @ 2710 after exiting 5-1/2" production casing AND 8-5/8" intermediate casing. There is no uphole recompletion potential. Producing rights in the SW/4, NW/4, 33-17S-33E are limited to below 5000. ConocoPhillips has a 100% WI & 85.625% NRI in the Eilliams Lease (600086). The following is a summary of the current well status:

Well	Location	Status	Latest Well Test			
	17S-33E		BOPD	BWPD	MCFPD	Date
Eilliams-1	33H	Active	2	17	5	06.10.10
Eilliams-2	33G	Active	5	35	9	06.10.10
Eilliams-4	33F	Active	4	25	8	06.10.10
Eilliams-6	33E	TA				
Eilliams-7	34F	Active	23	45	25	06.10.10
			34	122	47	



The Eilliams-6, located 2310 FNL & 660 FWL, 33E-17S-33E, was drilled to a TD of 8788 in June 1961. The well was completed in the Abo from the gross perforated interval 8562-8734. On initial potential, the Eilliams-6 flowed at a rate of 420 BOPD & 407 MCFPD (GOR: 968) w/ no water. During August 1966, the well was placed on pump. The Eilliams-6 produced to April, 2009. During well work during July 2009, the tubing was found parted at the well head. It was necessary to cut the tubing @ 8524 leaving approximately 196 ft. of 2-3/8" tubing in the well including a tubing anchor @ 8531-8534. The recovered tubing indicated a possible 5-1/2" casing restriction @ 2143. The 5-1/2" production casing restriction is inside the 8-5/8" cased intermediate section of the well suggesting the possibility that the 8-5/8" casing collapsed on the 5-1/2" casing that collapsed on the 2-3/8" tbg. Well work efforts were suspended until August 2010. On re-entry, a 5-1/2" casing restriction was encountered @ 2163. Well work efforts were

suspended at a depth of 2710 when metal was recovered during milling. A salt core plug was recovered in the wash pipe suggesting the 5-1/2" AND 8-5/8" casing had been exited. The salt section in the Eilliams-6 is approximately 1400-2700.

P&A efforts under consideration consists of:

Wash/Mill over 5-1/2" in 5-1/2" x 8-5/8" & recover 5-1/2" casing to approximately 2750
Set CIBP @ 8520. Circulate well w/ 10# salt mud (estimated well bore capacity to 8520: 311 bbl).
Set following plugs:

Plug-1: Cap CIBP @ 8520 w/ 250 ft. cmt plug (8270-8520)
Pump 25 sx cmt (5.9 bbl)
Displace cmt down 2-7/8" tbg w/ 47.7 bbl 10# mud

Plug-2: Spot 250 ft. cmt plug (5075-5325) across 5-1/2" TOC @ 5200
Pump 25 sx cmt (5.9 bbl)
Displace cmt down 2-7/8" tbg w/ 29.3 bbl 10# mud

Plug-3: Spot 250 ft. cmt plug (4390-4640) across 8-5/8" shoe @ 4589
Perforate 5-1/2" csg @ 4640 (4 spf)....5-1/2" TOC: 5200
RIH w/ 2-7/8" tbg w/ cmt retainer (5-1/2", 14#). Set retainer @ 4390
Pump 60 sx cmt (14.1 bbl)
Displace cmt down 2-7/8" tbg w/ 25bbl 10# mud (tbg capacity to retainer: 25.4 bbl)

Plug-4: Spot 350 ft. cmt plug (2500-2850) across Base of Salt/top of Yates @ 2687
Pump 75 sx cmt (17.6 bbl)
Displace cmt down 2-7/8" tbg w/ 14.4 bbl 10# mud.

Plug-5: Spot 300 ft. cmt plug (1300-1600) across Top of Salt @ 1410
Pump 80 sx cmt (18.8 bbl)
Displace cmt down 2-7/8" tbg w/ 7.5 bbl 10# mud

Plug-6: Cmt 5-1/2" x 8-5/8" annulus (8-5/8" TOC @ 600)
Perforate 5-1/2" csg @ 500 (4 spf)
RIH w/ 2-7/8" tbg w/ cmt retainer (8-5/8", 24#). Set retainer @ 400
Pump 200 sx cmt (47.0 bbl)
Displace cmt down 2-7/8" tbg w/ 2 bbl 10# mud (tbg capacity to retainer: 2.3 bbl)

Plug-7: Spot 60 ft. cmt plug (surface-60)
Pump 15 sx cmt (3.5 bbl). POOH w/ 2-7/8" tbg

Cut off 8-5/8" csg 3 ft below surface. Weld steel plate & P&A marker.

CURRENT DOWN HOLE				
		Depth: RKB		
	Length-ft.	top	btm	KB - GL. 13 ft.
13-3/8", 48#, H-40		surface	332	05.08.61 Cmt w/ 350 sx Circ (25 sx) to surface
8-5/8", 32#, H-40	46	surface	63	05.24.61: Ran 8-5/8" w/ DVT @ 1212.
8-5/8", 24#, J-55	2403	63	2466	: 1st Stage: Cmt w/ 522 sx. TOC. 2200 est
8-5/8", 32#, H-40	1205	2466	3671	05.27.61: Perforate 1525 @ 2 spf (2 holes)
8-5/8", 32#, J-55	918	3671	4589	: 2nd Stage: Cmt w/ 200 sx. TOC: 600 ft.
				(cmt void behind 8-5/8": 1525-2200 & surf-600; 13-3/8" shoe @ 332)
5-1/2", 17#, J-55	49	surface	63	06.28.61: Cmt w/ 361 sx. TOC @ 5200 (temp survey):
5-1/2", 15.5#, J-55	765	63	828	(cmt void behind 5-1/2": surface-5200; 8-5/8" shoe @ 4589)
5-1/2", 14#, J-55	4805	828	5633	
5-1/2", 15.5#, J-55	1154	5633	6787	
5-1/2", 17#, J-55	1146	6787	7933	
5-1/2", 17#, N-80	854	7933	8787	
RBP	2	2010	2012	09.09.10: RBP @ 2010. Test csg surf-2010. Test OK.
	547	2163	2710	08-09.2010: bad 5-1/2" & 8-5/8" csg section 2163-2710
				: milled outside 5-1/2" & 8-5/8" into salt section @ approx 2700.
Left-in-Hole:				
2-3/8", 4 7#, J-55 tbg	7	8524	8531	07 08.09. cut tbg @ 8524

2-3/8" x 5-1/2", 17# TAC	3	8531	8534	
2-3/8", 4 7#, J-55 tbg	186	8534	8720	07 08.09: cut tbg @ 8555 (below TAC)
				. possible 186 ft (8555-8720) on btm 8569-8755 (PBD)
Completion Interval		top	btm	
		8562	8574	06.29 61: perforate @ 2 spf: 12 ft. - 24 holes
		8586	8596	. perforate @ 2 spf: 10 ft. - 20 holes
		8600	8604	: perforate @ 2 spf: 4 ft. - 8 holes
		8610	8634	: perforate @ 2 spf: 24 ft. - 48 holes
		8638	8664	: perforate @ 2 spf: 26 ft. - 52 holes
		8681	8703	: perforate @ 2 spf. 22 ft. - 44 holes
		8718	8734	: perforate @ 2 spf: 16 ft. - 32 holes
				114 ft. - 228 holes
PBD (5-1/2", 17#, N-80)	33	8755	8788	

	Eilliams-6 (API: 30-025-01383)
	2310 FNL & 660 FWL, 33E-17S-33E
	Elev.: 4071 KB; 4058 GL
05.07.61	Spud. Drl 12-1/2" hole to 744. Ream to 17-1/2" to 332.
05.08.61	13-3/8", 48#, H-40 @ 331 Cmt w/ 350 sx. Circ cmt (25 sx) to surface.
05 24.61	8-5/8", 24#, J-55 & 32#, H-40 & J-55 @ 4589 w/ DVT @ 1536 (DVT later determined to be @ 1212)
	1st Stage: 522 sx ; 1185 cu.ft).
	Unable to displace beyond 1212 (under-displaced by 20.6 bbl).
	Note: Displaced plug to 1212 . DVT positioned @ 1212 instead of 1536
05 26.61	RIH w/ 7-7/8" bit DO DV collar @ 1212. RIH to 1600. Test csg & DVT @ 1500#. Test OK. RIH & tag 1st stg cmt @ 4000 (shoe @ 4589)
	Est 1stg TOC:
	Total Cmt Volume (172 sx regular 40% DD: 725 cu.ft. & 350 sx regular: 460 cu.ft) = 1185 cu.ft.
	Less 8-5/8", 32# csg Volume (4589-4000) x 0 3422 cu ft./ft. = 202 cu ft
	Yields 8-1/2" csg x 12-1/4" OH Annular Volume 1185 cu.ft - 202 cu.ft. = 983 cu.ft.
	Yields 8-1/2" csg x 12-1/4" OH Annular Column: 983 cu. ft. / (0.4127 cu. ft./ft.) = 2383 ft.
	Est 1st Stg 8-5/8" TOC : 4589 - 2383 = 2206 ft.
05.27.61	Perforate 1525 @ 2 spf (2 holes)
	2nd Stage: 450 sx. TOC @ 600 (temp survey)
05.28.61	Drl cmt stringers 1357-1425 & cmt: 1425-1528. Test csg @ 600#. Test OK. RIH & tag 1st stg cmt @ 4000. Drl cmt 4000-4590.
	NOTE: Estimated cement void behind 8-5/8" csg: 1525-2206 (and surface-600; 13-3/8" @ 331)
	(Original intent was to place 1st Stg cmt column from csg seat to base of salt and to place 2nd stg cmt column above top of salt)
06.27.61	TD 7-7/8" hole @ 8788
	Rustler : 1348
	Salado Salt 1413-2687 est.
	Yates : 2687
06.28 61	Logger TD @ 8770. Run 5-1/2", 14#, 15.5# & 17#, J-55 @ 8787 cmt w/ 361 sx. TOC @ 5200 (temp survey):
	5-1/2", 17#, J-55: surf- 63
	5-1/2", 15.5#, J-55: 63- 828
	5-1/2", 14#, J-55 828-5633
	5-1/2", 15.5", J-55: 5633-6787
	5-1/2", 17#, J-55: 6787-7933
	5-1/2", 17#, N-80: 7933-8787
06.29.61	Perforate Abo @ 2 spf 8562-8574: 12 ft - 24 holes
	8586-8596 10 ft. - 20 holes
	8600-8604: 4 ft. - 8 holes
	8610-8634: 24 ft - 48 holes
	8638-8664 26 ft - 52 holes
	8681-8703: 22 ft. - 44 holes
	8718-8734 16 ft. - 32 holes
	114 ft. - 228 holes
06.30.61	Disp well w/ 170 BO. Spot 1000 gal 15% HCl Set PKR @ 8444 w/ EOT @ 8535. Disp acd w/ 36 BO.
	P(max). 2200#. P(min): 1900#. AIR 2.6 BPM. SITP(4 min): 0#
07 01.61	IPF (16 hrs): FARO 420 BOPD w/ no water. GOR: 968. API 37.9
	Workover Acidize Abo Completion 8562-8734 w/ 10,000 gal 15% HCl & 82 MSCF N2
12 23.65	Acd down 2-3/8" prod tbg w/ PKR @ 8444 (EOT. 8535) w/ 10,000 gal 15% HCl & 82,000 SCF N2 in 5 stages w/

	20 bs between stages Flush w/ 33 BO & 9900 SCF N2
	P(max): 4250#. P(min) 3800#. AIR: 4.3 BPM ISIP: 2200#. SITP(5 min) 1000#. SITP(10 min): 700#.
	BWO: Flow 89 BOPD 123 MCFPD & 0 BWPD GOR: 1382
12.29.65	AWO: Flow 149 BOPD 271 MCFPD & 0 BWPD. GOR: 1819
01.14.66	Flow 126 BOPD 246 MCFPD & 0 BWPD. GOR: 1952
	Workover: Install Pumping Equipment
08.1966	Set surface unit Run rods & pump
	BWO: Well dead
08.19.66	AWO. 116 BOPD w/ no water
08.20.66	117 BOPD w/ no water
08.21.66	118 BOPD 219 MCFPD & 0 BWPD GOR: 1860 API: 39.2
	Workover: Acidize Abo Completion 8562-8734 w/ 1,000 gal 20% HCl
05.19.72	Pump 1000 gal 20% HCl down 2-3/8' x 5-1/2" annulus. Flush w/ 160 BW. ATP: 0# AIR. 3.7 BPM.
	Workover: Acidize Abo Completion 8562-8734 w/ 6,000 gal 15% HCl
08.09.89	Acd 8562-8734 w/ 6000 gal 15% HCl w/ 250 bs spaced throughout. Flush w/ 40 BPW.
	P(max): 3500#. AIR: 3 BPM.
	BWO: 7 BOPD & 3 BWPD
08.17.89	AWO: 17 BOPD & 16 BWPD
	Workover: Repair Downhole Failure
07 06 09	MI & RU. POOH w/ 7/8" rods, 3/4" rods & 81: 5/8" rods. Unable to pull pump
07.07.09	Hot water rods & tbg. POOH w/ rods & pump ND well. Tbg had parted @ slips. NU BOP
	RIH w/ OS. Work tbg... approximately 4 ft. movement and 2 ft. downward movement.
07.08.09	Work tbg w/ no movement. Pump total 250 BFW down 2-3/8" x 5-1/2" annulus.
	Water on surface around well head.. .possible 5-1/2" csg leak.... 5-1/2" TOC @ 5200
	RIH w/ free-point. Tbg free @ 8520 (TAC @ 8531-8534). Cut tbg @ 8555. Unable to pull tbg.
	Cut tbg @ 8524. Start POOH w/ tbg. Pull 28 ft. & tbg hung up. Work tbg free. POOH w/ 3 jts Tbg dragging.
07.09.09	POOH w/ tbg. Found bent jt @ 2143 . possible 5-1/2" csg restriction/collapse...will pass 2-3/8 tbg collar (3.063 in).
07.10.09	POOH w/ total of 277 jts tbg & cut-off piece. ND BOP. NU well RD. Well SI.
	Left-in-Hole:
	2-3/8", 4 6#, J-55 tbg . 8524-8531 (7 ft w tbg cut @ 8524)
	2-3/8" x 5-1/2", 17# TAC. 8531-8534 (3ft.) Note: no record of TAC in files
	2-3/8", 4.6#, J-55 tbg . 8534-8720 (186 ft)
	Perforated Interval : 8562-8734
	PBD : 8755
	Workover: Recover Fish-in-Hole & Re-activate (or P&A)
08 18.10	MI & RU. RIH w/ OS, BS, jars, DC & Accelerator on 2-7/8" tbg. Tag @ 2163. POOH.
08.19.10	RIH w/ swage, BS, jars, DC & Accelerator on 2-7/8" tbg. Tag @ 2162. Swage to 2197 (35 ft.). Encountered some drag. POOH.
	RIH w/ swage (4-1/2"), BS, jars, DC & Accelerator on 2-7/8" tbg. Tag @ 2164 Work swage to 2177. Fell free to 2197. POOH
	RIH w/ swage (4-3/4"), BS, jars, DC & Accelerator on 2-7/8" tbg. Tag @ 2163. Work swage to 2197
	Had 10 pts drag @ 2197. Fell free to 2597. Work swage. Had 2 pts downward drag & 10 pts upward drag.
	Fell free. RIH & tag @ 2614. Work 4-3/4" swage to 2618 w/ no reported upward drag . POOH.
	RIH w/ swage (4-1/4"), BS, jars, DC & Accelerator on 2-7/8" tbg. Tag @ 2597 w/ 2 pts downward drag.
	Had 10 pts upward drag @ 2597. RIH & tag @ 2618 w/ no reported drag. POOH.
	NOTE: 4-1/4" swage & fishing neck were void of all paint as though sand blasted Jars & BS were shiny also.
	Recovered small amount of red bed on shoulder of BS mandrel. (NOTE: red bed behind 8-5/8" set @ 4589...possible 8-5/8" failure??)
	Observed sand come out of weep holes on accelerator.
	Suspect swage is stacking out & packing trash (drlg mud in 5-1/2" x 8-5/8" annulus) @ 2618.....no drag.
08.20.10	RIH w/ 2-7/8" tbg. Tag @ 2187. POOH. RIH w/ lead impression,block Tagged @ 2163. POOH.
	Impression interpreted as off-center 3-5/16" circle w/ 4-1/2" outside cut.
08.23 10	RIH w/ 4-3/4" OD x 3-3/4" ID shoe & 2 jts WP, jars, 8-DC & 59 jts 2-7/8" tbg Tag @ 2185 Broke circ
	Fluid @ surface outside well head POOH RIH w/ tbg PKR & RBP. Set RBP @ 2007 Test @ 500#. Test OK. SION.
08.24.10	Prs test casing: surface to 2007 (RBP) Test OK. Dig out around well Found nipple & valve off 8-5/8" csg head ate up.
	NOTE: while circ @ 2185, apparently circ up 5-1/2" x 8-5/8" annulus and out nipple off 8-5/8" csg...5-1/2" csg tested OK
	Change out nipple & valve. RIH and release RBP. Circ csg. ..no surface leaks. POOH w/ tbg, PKR & RBP.
08.25.10	RIH w/ shoe, WP & jars & accelerator Tag @ 2187. Wash down to 2198 & quit making hole. POOH.
08.26.10	RIH w/ shoe, WP & jars & accelerator. Tag @ 2187 Wash down to 2199 & fell through and lost circ. RIH to 2270 & plugged-up shoe
	Un-plug shoe & circ hole Open surface valve & circ 5-1/2" x 8-5/8" annulus. Rec "a lot of drlg mud, red bed & salt rings"

	NOTE: red bed section is behind 8-5/8" csg set @ 4589 .. possible 8-5/8" csg failure ..cmt void behind 8-5/8" 1525-2600 est.
08.27.10	Attempt to CO. Unable to rev circ. Estab conventional circ. Mill @ 2270. Wash down to 2550. ..no progress in 1.5 hrs
	Circ conventional w/ total of 100 bbl. Rec "old drlg mud, hy-vis mud, liked cracked gravel & old formation" in returns. POOH.
	NOTE: inability to reverse circ may suggest fluid leaving well bore somewhere in interval 2185-2270
08.30.10	Make up shoe on WP Found "long piece of csg" in top jt of WP RIH w/ BHA. Tag @ 2544 CO fill: 2544-2550.
	Circ well w/ 165 bbl brine. Returns never cleaned-up. Resume milling Returns cleaned up after 330 bbl.
	Mill 2550-2565 ...milling described as "hard milling".
08.31.10	Continue to clean out/mill 2565-2587 in 8 hrs. (22 ft ARO 2.75 FPH). Quit making hole @ 2587. POOH.
09 01.10	RIH w/ 4-3/4" x 2-1/2" tapered mill, 8: 3-1/2" DC & 2-7/8" tbg. Encounter drag: 2163-2187 while RIH. Tag @ 2568
	CO to 2587. Mill 2587-2626 w/ tapered mill (39 ft described as hard milling)
09.02.10	POOH w/ tapered mill. RIH w/ 4-3/4" x 3-3/4" shoe, 2 jts 4-1/2" WP, 3-3/4" jars, 8· 3-1/2" DC & tbg. Tag @ 2619.
	Wash fill· 2619-2626. Mill 2626-2656 (described as easy milling).
	Mill: 2656-2658 (described as hard milling; rec metal & old dehydrated drlg mud in returns). Pull to 2581 SD.
09.03.10	RIH & tag @ 2658 (no fill). Mill: 2658-2672 (14 ft in 6 hrs.. 2 3 FPH). Rec metal, old formation & dehydrated drlg mud.
	Lost 90 bbl while circulating.
09.07 10	RIH & tag @ 2672 (no fill). Mill· 2672-2689 (17 ft. in 8 hrs....2.1 FPH) Circ well clean. SDON.
09 08 10	RIH & tag @ 2789 (no fill). Mill 2689-2710 in 7 5 hrs (21 ft in 7.5 hrs....2 8 FPH). POOH
09.09.10	Rec cmt & salt core in WP RIH w/ tbg & RBP. Set RBP @ 2010. Test csg: surface-2010 (RBP) @ 550# Test OK POOH & LD work string
09 10 10	ND BOP. NU well. RD.
09.23.10	Chart well @ 550#-30 min Test OK. TA approval expiration 03.30 11.

Scott Bles
Production Engineer
Office: 432-368-1335
Fax: 432-368-1471
scott.bles@conocophillips.com

ConocoPhillips Company
NM-108507: Eilliams #6
API: 30-025-01383
Lea County, New Mexico

RE: Plugging and Abandonment Requirements – Conditions of Approval

1. Move: Set CIBP at approx 8500' with 30sx Class H to 8252' – Otherwise OK (Perfs – Abo)
2. Move: Spot plug (minimum 25sx) from 6300'-6140' – Otherwise OK (Glorietta)
3. Change: Use packer and displace to squeeze plug. WOC and tag at 4490' or shallower – Otherwise OK (Casing shoe)
4. Stub plug to be included and meet all requirements. WOC and tag at 2500' or shallower – Otherwise OK (Stub – Yates – BOS)
5. WOC and tag at 1300' or shallower – Otherwise OK (TOS)
6. Change: Use packer and displace to squeeze cement to circulate the annulus. WOC and tag cement at 280' or shallower – Otherwise OK (Casing shoe)
7. OK (Surface)
8. Verify that all annuluses have cement to surface and fill in as required.
9. Submit a subsequent report to the BLM.

H_2S monitoring equipment to be on location.

See attached standard COAs.

DHW 012611

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 **ninety (90)** 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.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. **Notification: 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. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. 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. Mud Requirement: 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 **brine** water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: 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. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), 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. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

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. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.**
The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). 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. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three 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. Trash: 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 will be required. See attached reclamation procedure.

DHW 122010

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 E Greene St
Carlsbad, New Mexico 88220-6292
www.blm.gov/nm

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In Reply Refer To: 1310

Reclamation Objectives and Procedures

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its pre-disturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any and all contaminants, scrap/trash, equipment, pipelines and powerlines. Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip and seed as specified in the original APD COA. This will apply to well pads, facilities, and access roads. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.

2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.

3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.

4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.

6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.

7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos
Supervisory Environmental Protection Specialist
575-234-5909, 575-361-2648 (Cell)

Terry Gregston
Environmental Protection Specialist
575-234-5958

Bobby Ballard
Environmental Protection Specialist
575-234-2230

Randy Rust
Natural Resource Specialist
575-234-5943

Linda Denniston
Environmental Protection Specialist
575-234-5974

Jennifer Van Curen
Environmental Protection Specialist
575-234-5905

Justin Frye
Environmental Protection Specialist
575-234-5922

Cody Layton
Natural Resource Specialist
575-234-5959

Trishia Bad Bear
Natural Resource Specialist
575-393-3612

Todd Suter
Surface Protection Specialist
575-234-5987

Doug Hoag
Civil Engineering Technician
575-234-5979

Tanner Nygren
Natural Resource Specialist
575-234-5975

John Fast
Natural Resource Specialist
575-2345996