

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 04 2010

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator
CONOCOPHILLIPS COMPANY

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

Surf: Unit B (NWNE), 1065' FNL & 1850' FEL, Section 27, T28N, R9W, NMPM

Farmington Field Office
Bureau of Land Management

5. Lease Number
SF- 077111
6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Storey C 3

9. API Well No.

30-045-11613

10. Field and Pool

Basin DK
11. County and State
San Juan Co., NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

☒ Notice of Intent

☒ Abandonment

☐ Change of Plans

☒ Other - P&A

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Plugging

☐ Non-Routine Fracturing

☐ Final Abandonment

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

RCVD AUG 9 '10
OIL CONS. DIV.

ConocoPhillips wishes to P&A the subject well per attached procedure and well bore schematic.

DIST. 3

14. I hereby certify that the foregoing is true and correct.

Signed Jamie Goodwin Jamie Goodwin Title Regulatory Technician Date 8/3/10

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason

Title _____

Date

AUG 06 2010

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

NMOCD

Plug and Abandonment

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes____, No X, Unknown____.
 Tubing: Yes X, No____, Unknown____ Size 2-3/8", Length 7558'.
 Packer: Yes____, No X, Unknown____ Type____.
 If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
4. **Plug #1 (Dakota perforations: 7300' – 7400')**: Round trip with 4.5" gauge ring to 7400'. RIH and set 4.5" CIBP at 7400'. Load casing and circulate well clean. Run CBL from CIBP to surface. Pressure test casing to 560#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 12 sxs Class B cement ($((100 \times .0895) / 1.18 + 50' \text{ excess})$) and spot above CIBP to isolate the DK perforations. PUH.
→ Mesaverde plug 4738' - 4638' inside & outside the 4 1/2" casing
5. **Plug #2 (Chacra tops, 3968' - 4068')**: Perforate 2 squeeze holes at 4068'. RIH w/ 4.5" cement retainer to 4018'. Load casing and with water and circulate well clean. Pressure test casing to 560#. If the casing does not test, then spot or tag subsequent plugs as appropriate. Establish rate into squeeze holes. Mix 36 sxs Class B cement. Squeeze 24 sxs cement outside ($((100 \times .138) / 1.18 + 100\% \text{ excess})$) the casing and leave 12 sxs in the ($((100 \times .0895) / 1.18 + 50' \text{ excess})$) casing. PUH.
→ 7 5/8" casing shoe plug 3233' - 3133' inside & outside the 4 1/2" casing
6. **Plug #3 (Pictured Cliffs and Fruitland Coal top: 2539' – 3069')**: Perforate 2 squeeze holes at 3069'. RIH w/ 4.5" cement retainer to 3019'. Load casing and with water and circulate well clean. Pressure test casing to 560#. If the casing does not test, then spot or tag subsequent plugs as appropriate. Establish rate into squeeze holes. Mix 122 sxs Class B cement. Squeeze 78 sxs cement between ($((530 \times .138) / 1.18 + 50' \text{ excess})$) the 4.5" and 7-5/8" annulus casing and leave 44 sxs in the ($((530 \times .0895) / 1.18 + 50' \text{ excess})$) 4.5" casing. PUH
→ 1948' 05
7. **Plug #4 (Kirtland and Nacimiento tops, 849' - 2217')**: Perforate 2 squeeze holes at 2217' and 2 squeeze holes at 1450'. RIH w/ 4.5" cement retainer 1400'. Load casing and with water and circulate well clean. Pressure test casing to 560#. If the casing does not test, then spot or tag subsequent plugs as appropriate. Establish rate into squeeze holes. Mix 553 sxs Class B cement. Squeeze ($((1368 \times .2148) / 1.18 + 100\% \text{ excess})$) 254 sxs cement outside 7-5/8" casing (this will cover 1543' to 849'). Squeeze 101 sxs cement between ($((1368 \times .1587) / 1.18 + 50' \text{ excess})$) the 4.5" and 7-5/8" annulus casing, leave 60 sxs in the ($((1368 \times .0895) / 1.18 + 50'$

excess) 4.5" casing under the Cement Retainer and leave 42 sxs on top of the Cement Retainer.
PUH

8. **Plug #5 (10-3/4" surface casing shoe, Surface' – 324')**: Perforate 2 squeeze holes at 324'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 147 sxs cement and pump down the 4.5" casing to circulate good cement out of the 4.5" and 7-5/8" annuli. Shut-in well and WOC. TOH and LD tubing.
9. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

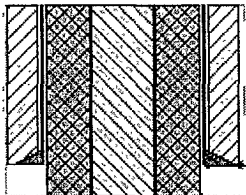
Propose Wellbore

ConocoPhillips

Well Name: STOREY C #3

API/ UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3004511613	NMPM-28N-09W-27-B	DK		NEW MEXICO		
Ground Elevation @	Original KB/RT Elevation @	KB-Grnd Distance @	KB-Casing Flange Distance @	KB-Tubing Hanger Distance @		
6,817.00	6,827.00	10.00	10.00	10.00		

Well Config. - Original Hole, 7/30/2010 2:21.14 PM

ftKB (MD)	Schematic - Actual	Frm Final
10	 <p>Surface Casing Cement, 10-274, 12/1/1965, Cemented with 200 sxs Class 'C' Cement, circulated to surface. Surface, 10 3/4in, 10.192in, 10 ftKB, Reports are unclear regarding K.B. length. all strings have been set at a 10' K.B. without known adjustment., 274 ftKB Cement plug, 10-324, 7/30/2010 Cement squeeze, 10-324, 7/30/2010</p>	
41		
51		
272		
273		
274		
286		
899		NACIMIENTO, 899
1,400		
1,401		
1,450	*COPY* Cement Retainer, 1,400-1,401	
1,451	squeeze perf, 1,450-1,451, 7/30/2010	
2,049		OJO ALAMO, 2,049
2,167		KIRTLAND, 2,167
2,217	Cement plug, 849-2,217, 7/30/2010	
2,218	Cement squeeze, 849-2,217, 7/30/2010	
2,589	squeeze perf, 2,217-2,218, 7/30/2010	
3,019		FRUITLAND, 2,589
3,020	Cement Retainer, 3,019-3,020	
3,069	Cement plug, 2,539-3,069, 7/30/2010	
3,070	Cement squeeze, 2,539-3,069, 7/30/2010	
3,182	squeeze perf, 3,069-3,070, 7/30/2010	
3,183	Intermediate, 7 5/8in, 7.025in, 10 ftKB, 3,183 ftKB	
3,186	Intermediate Casing Cement, 1,543-3,186, 12/5/1965, Cemented w/ 235 sxs Class 'C' Cement, followed by 150 sxs Class 'C' Cement. TOC @ 1543" - 75% Eff. Calc.	
3,605		LEWIS, 3,605
4,018	Cement Retainer, 4,018-4,019	CHACRA, 4,018
4,019	Cement plug, 3,968-4,068, 7/30/2010	
4,068	Cement Squeeze, 3,968-4,068, 7/30/2010	
4,069	squeeze perf, 4,068-4,069, 7/30/2010	
4,690		MESA VERDE, 4,690
5,881	Production Casing Cement, 5,219-5,882, 1/7/1966, Cemented second stage with 100 sxs Class 'C' Cement TOC 5219" - 75%	
5,882	Efficiency Calculation	
6,685	Cement Plug, 7,300-7,400, 7/30/2010	
7,400	Bridge Plug - Permanent, 7,400-7,401	
7,401	Hydraulic Fracture, 1/10/1966, Frac'd Upper Dakota with 65,290 gals water, 30,000 lbs 40/60 Sand, and 30,000 lbs 20/40 Sand.	
7,450		Upper Dakota, 7,450-7,476, 1/11/1966
7,476		
7,506		
7,522		
7,524		
7,555		
7,556	Hydraulic Fracture, 1/10/1966, Frac'd Lower Dakota with 42,630 gals water and 42,000 lbs 40/60 Sand. PBTD, 7,658	
7,558		
7,640		
7,658		
7,693		
7,694	TD, 7,694, 1/7/1966	
	Lower Dakota, 7,506-7,640, 1/9/1966	
	Plugback, 7,658-7,694	
	Production Casing Cement, 5,882-7,694, 1/7/1966, Cemented first stage with 100 sxs Type 'C'.	
	Production, 4 1/2in, 4.000in, 10 ftKB, The number of joints was calculated by dividing the casing lengths by 43", 7,694 ftKB	

Current Schematic

ConocoPhillips

Well Name: STOREY-C #3

API/ UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3004511613	NMPM-28N-09W-27-B	DK		NEW MEXICO		
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Grout Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,817.00	6,827.00	10.00	10.00	10.00		

Well Config: - Original Hole, 7/26/2010 2:05:20 PM

ftKB (MD)	Schematic - Actual	From Final
10	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 10 ftKB, 41 ftKB	
41	Pup Jt., 2 3/8in, 4.70lbs/ft, J-55, 41 ftKB, 51 ftKB	
51		
272		
273		
274		
286		
2,049		OJO ALAMO, 2,049
2,167		KIRTLAND, 2,167
2,589		FRUITLAND, 2,589
3,019		PICTURED CLIFFS, 3,019
3,182		
3,183		
3,186		
3,605		LEWIS, 3,605
4,018		CHACRA, 4,018
4,690		MESA VERDE, 4,690
5,881		
5,882		
6,685	Hydraulic Fracture, 1/10/1966 Frac'd Upper Dakota with 65,290 gals water, 30,000 lbs 40/60 Sand, and 30,000 lbs 20/40 Sand.	
7,450		Upper Dakota, 7,450-7,476, 1/11/1966
7,476		
7,506	Pup Jt., 2 3/8in, 4.70lbs/ft, J-55, 7,522 ftKB, 7,524 ftKB	
7,522	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 7,524 ftKB, 7,555 ftKB	
7,524	"F" Profile Nipple, 2 3/8in, 7,555 ftKB, 7,556 ftKB	
7,555	Mule Shoe, 2 3/8in, 7,556 ftKB, 7,558 ftKB	
7,556		
7,558	Hydraulic Fracture, 1/10/1966, Frac'd Lower Dakota with 42,630 gals water and 42,000 lbs 40/60 Sand.	
7,640		Lower Dakota, 7,506-7,640, 1/9/1966
7,658	PBTD, 7,658	
7,693		
7,694	TD, 7,694, 1/7/1966	
		Plugback, 7,658-7,694 Production Casing Cement, 5,882-7,694, 1/7/1966, Cemented first stage with 100 sxs Type 'C'. Production, 4 1/2in, 4,000in, 10 ftKB, The number of joints was calculated by dividing the casing lengths by 43', 7,694 ftKB

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 3 Storey C

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."

2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.

3. The following modifications to your plugging program are to be made:

a) Place a cement plug from 4738' – 4638' inside and outside the 4 ½" casing to cover the Mesaverde top.

b) Place the Chacra plug from 4050' – 3950' inside and outside the 4 ½" casing.

c) Place a cement plug from 3133' – 3233' inside and outside the 4 ½" casing to cover the 7 5/8" casing shoe.

d) Place the Kirtland/Ojo Alamo plug from 2205' – 1948' inside and outside the 4 ½" casing.

e) Place the Nacimiento plug from 815' – 715' inside the 4 ½" and outside the 4 ½" & 7 5/8" casings.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.