

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

RECEIVED**FEB 03 2011**

Sundry Notices and Reports on Wells

Farmington Field Office
Bureau of Land Management1. Type of Well
GAS

2. Name of Operator

ConocoPhillips

3. Address & Phone No. of Operator

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

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

Unit A (NENE), 790' FNL & 790' FEL, Section 17, T26N, R11W, NMPM

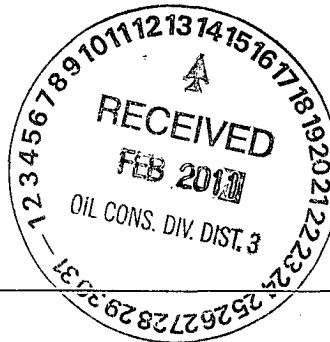
5. Lease Number
SF-0796796. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Delhi Taylor 5

9. API Well No.

30-045-13034

10. Field and Pool
Basin Dakota11. County and State
San Juan, NM**12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA**

Type of Submission

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment

Type of Action

☒ Abandonment☐ Recompletion☐ Plugging☐ Casing Repair☐ Altering Casing☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut off☐ Conversion to Injection☐ Other -**13. Describe Proposed or Completed Operations**

ConocoPhillips requests permission to P&A the subject well per the attached procedure, current & proposed schematic.

14. I hereby certify that the foregoing is true and correct.Signed Crystal Tafoya Crystal TafoyaTitle Staff Regulatory TechnicianDate 2/2/2011

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____Date FEB 07 2011

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.

* see changes in procedure

NMOCD

Delhi Taylor #5

January 24, 2011

Expense – P&A

Dakota
790' FNL and 790' FEL, Unit A Section 17, T26N, R11W
San Juan County, New Mexico / API 30-045-13034
Lat: 36° 29' 34.289" N/ Long: 108° 1' 12.864" W

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 X, No , Unknown .
Tubing: Yes X, No , Unknown Size 2 3/8", Length .
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 and top : 6010' – 5910')**: RIH and set 4-1/2" CIBP at 6010' (NOTE: Guide shoe at 6012'; make adjustments as necessary). Load casing and circulate well clean. Pressure test tubing to 1000 PSI. Pressure test casing to 800#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 12 sxs Class B cement and spot above CIBP to isolate the DK perforations and top. PUH.
5. **Plug #2 (Gallup top, 5117' - 5017')**: Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover Gallup top. TOH and LD tubing.
6. **Plug #3 (Mesaverde top: 2442' - 2342')**: Perforate 3 squeeze holes at 2442'. RIH and set 4 1/2" CR at 2392'. Establish a rate into the squeeze holes. Mix 24 sxs Class B cement - squeeze ~~12~~ 415XS sxs outside the casing and leave 12 sxs in casing to cover Mesaverde top. POH.
7. **Plug #4 (Pictured Cliffs and Fruitland tops: ¹⁵⁷²1560' - 1175')**: Perforate 3 squeeze holes at 1560'. RIH and set 4 1/2" CR at 1510'. Establish a rate into the squeeze holes. Mix ~~78~~ 31 sxs Class B cement - squeeze ~~44~~ 87 sxs cement outside the casing and leave ~~34~~ 365 sxs in casing to cover Fruitland and Pictured Cliffs tops. POH.
Squeeze 87 sxs outside casing
8. **Plug #5 (Kirtland and Ojo Alamo tops: 653' - ~~404~~ 404')**: Perforate 3 squeeze holes at 653'. RIH and set 4 1/2" CR at 603'. Establish a rate into the squeeze holes. Mix ~~51~~ 28 sxs Class B cement - squeeze ~~28~~ 28 sxs cement outside the casing and leave ~~28~~ 28 sxs in casing to cover Ojo Alamo and Kirtland tops. POH.

9. **Plug #6 (9-5/8" surface casing shoe, 284' – surface')**: Perforate 3 squeeze holes at 284'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix 88 sxs

★ Class B cement - squeeze 66 sxs cement outside the casing and leave 22 sxs in the casing to cover surface casing shoe. *circulate cement to surface inside & outside*

10. 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.

Current Schematic

ConocoPhillips

Well Name: DELHI TAYLOR #5

API/ UWI	Service Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3004513034	NMPM-26N-11W-17-A	DK		NEW MEXICO	Vertical	
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Grnd Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,221.00	6,233.00	12.00	12.00	12.00		

Well Config: Vertical - Original Hole, 1/1/2020

ftKB (MD)	ftKB (TVD)	Schematic - Actual	Frm Final
-4			
12			
18			
22			
233			
234			
284			
320			
404			
454			OJO ALAMO, 454
603			KIRTLAND, 603
653			
1,175			
1,225			
1,510			FRIITI AND 1,225
1,560			PICTURED CLIFFS, 1,510
1,736			
2,342			LEWIS, 1,736
2,392			
2,442			MESAVERDE, 2,392
3,995			
4,243			POINT LOOKOUT, 3,995
4,680			MANCOS, 4,243
5,017			
5,067			
5,117			GALLUP, 5,067
5,575			
5,912			SANASTEE, 5,575
5,920			
5,975			GREENHORN, 5,920
6,009			GRANEROS, 5,975
6,011			
6,012			
6,062			
6,064			
6,102			
6,122			
6,172			
6,173			
6,182			
6,203			
6,204			
6,205			
6,258			
6,276			
6,300			
6,326			
6,328			
6,330			

Polished Rod, 22.0ft

Sucker Rod, 4.0ft

Casing cement, 12-234, 5/21/1960, Cmt'd w/200sxs. Cmt circulated to surface. Surface, 9 5/8in, 8.920in, 12 ftKB, 234 ftKB

OJO ALAMO, 454

KIRTLAND, 603

FRIITI AND 1,225

PICTURED CLIFFS, 1,510

LEWIS, 1,736

MESAVERDE, 2,392

POINT LOOKOUT, 3,995

MANCOS, 4,243

GALLUP, 5,067

SANASTEE, 5,575

GREENHORN, 5,920

GRANEROS, 5,975

DAKOTA, 6,064

MORRISON, 6,276

SAND OIL FRAC, 6/9/1960, FRAC WITH 40125 GALLONS OILAND 40000# SAND

Baker "F" Nipple, 2 3/8in, 4.70lbs/ft, J-55, 6,172 ftKB, 6,173 ftKB

Mud anchor, 2 3/8in, 4.70lbs/ft, J-55, 6,173 ftKB, 6,203 ftKB

XO 2 1/16-2 3/8, 2 3/8in, 4.70lbs/ft, J-55, 6,203 ftKB, 6,204 ftKB

Seat nipple, 2 1/16in, 4.70lbs/ft, J-55, 6,204 ftKB, 6,205 ftKB

Saw Tooth, 2 1/16in, 4.70lbs/ft, J-55, 6,205 ftKB, 6,205 ftKB

Sucker Rod, 6,100.0ft

Casing cement, 320-6,012, 3/25/2003. CSG W/ 80 BBLs 2% KCL. BROKE CRIC. 1200# CIRC PSI. PUMPED 165 SX. (42 BBLs) 12.3 PPG HALLIBURTON LT. CMT. DROPPED DISPLACEMENT PLUG. DISPLACED W/ 94 BBLs FRESH WTR. BUMP PLUG W/ 1750#. CHECK FLOAT. FLOAT HELD OK. DID NOT CRIC CMT TO SURFACE. BUT MAINTAINED CRIC. THROUGH OUT JOB. SWI WOC FOR 8 HRS. RU BLUE JET. RH W/ TEMP SURVEY. FOUND TOC @ 320' FROM SURFACE. POOH W/ TEMP SURVEY. SWI SDFN. Liner, 4 1/2in, 4.052in, 12 ftKB, 6,012 ftKB.

Dakota, 6,062-6,102, 6/9/1960

Sinker Bar, 50.0ft

Rod Insert Pump, 10.0ft

Hard Fill, 6,258-6,300

Casing cement, 4,680-6,328, 6/2/1960, Cmt'd w/200 sxs. TOC @ 4680' per Temp survey Production 1, 5 1/2in, 4.950in, 12 ftKB, 6,328 ftKB Display Cement Fill, 6,328-6,330, 6/2/1960

PBTD, 6,300

TD, 6,330, 6/2/1960

ConocoPhillips

Well Name: DELHI TAYLOR #5

Proposed Schematic

API/UWI 3004513034	Surface Legal Location NMPM-26N-11W-17-A	Field Name DK	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical	Edit
Ground Elevation (ft) 6,221.00	Original KB/RT Elevation (ft) 6,233.00	KB-Grnd Distance (ft) 12.00	KB-Casing Flange Distance (ft) 12.00	KB-Tubing Hanger Distance (ft) 12.00		

Well Config: Vertical - Original Hole: 1/1/2020

ftKB (MD)	ftKB (TVD)	Schematic - Actual	From Final
-4		Plug #6, 12-234, 1/1/2020	
12		Casing cement, 12-234, 5/21/1960, Cmt'd w/200sxs. Cmt circulated to surface.	
18		Surface, 9 5/8in, 8.920in, 12 ftKB, 234 ftKB	
22		Plug #6 Perf, 284, 1/1/2020	
233		Plug #6, 12-284, 1/1/2020, Mix 88 sxs Class B cement - squeeze 68 sxs cement outside the casing and leave 22 sxs in the casing to cover surface casing shoe.	
234		Plug #6, 234-284, 1/1/2020	
284		Cement Retainer, 603-604	
320		Plug #5 Perf, 653, 1/1/2020	
404		Plug #5, 404-653, 1/1/2020, Mix 51sxs Class B cement - squeeze 28sxs cement outside the casing and leave 23 sxs in casing to cover Ojo Alamo and Kirtland tops	OJO ALAMO, 454 KIRTLAND, 603
454		Plug #5, 404-653, 1/1/2020	
603		Cement Retainer, 1,510-1,511	
604		Plug #4 Perf, 1,560, 1/1/2020	
653		Plug #4, 1,175-1,560, 1/1/2020, Mix 78 sxs Class B cement - squeeze 44 sxs cement outside the casing and leave 34 sxs in casing to cover Fruitland and Pictured Cliffs tops	FRIUITLAND, 1,225 PICTURED CLIFFS, 1,510
1,175		Plug #4, 1,175-1,560, 1/1/2020	
1,225		Cement Retainer, 2,392-2,393	
1,510		Plug #3 Perf, 2,442, 1/1/2020	
1,511		Plug #3, 2,342-2,442, 1/1/2020, Mix 24 sxs Class B cement - squeeze 12 sxs outside the casing and leave 12 sxs in casing to cover Mesaverde top	LEWIS, 1,736
1,560		Plug #3, 2,342-2,442, 1/1/2020	
1,736		Cement Retainer, 2,392-2,393	
2,342		Plug #2, 5,017-5,117, 1/1/2020, Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover Gallup top	MESAVERDE, 2,392
2,392		Plug #2, 5,017-5,117, 1/1/2020	
2,393		Bridge Plug - Permanent, 6,011-6,012	
2,442		Casing cement, 320-6,012, 3/25/2003, CSG w/ 80 BBLs 2% KCL. BROKE CRIC. 1200# CIRC PSI. PUMPED 165 SX. (42 BBLs) 12.3 PPG HALLIBURTON LT. CMT. DROPPED	POINT LOOKOUT, 2,005 MANCOS, 4,243
3,995		DISPLACEMENT PLUG. DISPLACED W/ 94 BBLs FRESH WTR. BUMP PLUG W/ 1750# - CHECK FLOAT. FLOAT HELD OK. DID NOT CRIC. CMT TO SURFACE. BUT MAINTAINED CRIC. THROUGH OUT JOB. SWI WOC FOR 8 HRS. RU BLUE JET. RIH W/ TEMP SURVEY. FOUND TOC @ 320' FROM SURFACE. POOH W/ TEMP SURVEY. SWI. SDFN.	
4,243		Plug #1, 5,912-6,012, 1/1/2020, Mix 12 sxs Class B cement and spot above CIBP to isolate the DK perforations and top.	
4,680		Liner, 4 1/2in, 4,052in, 12 ftKB, 6,012 ftKB	
5,017		Dakota, 6,062-6,102, 6/9/1960	
5,067			
5,117			
5,575			
5,912			
5,920			
5,975			
6,009			
6,011			
6,012			
6,062			
6,064			
6,102			
6,122			
6,172			
6,173			
6,182			
6,203			
6,204			
6,205			
6,258			
6,276			
6,300			
6,326			
6,328			
6,330			

SAND OIL FRAC, 6/9/1960,
FRAC WITH 40125 GALLONS
OIL AND 40000# SAND

PSTD, 6,300

TD, 6,330, 6/2/1960

Hard Fill, 6,258-6,300

Casing cement, 4,680-6,328, 6/2/1960, Cmt'd w/200 sxs. TOC @ 4680' per Temp survey
Production 1, 5 1/2in, 4.950in, 12 ftKB, 6,328 ftKB
Display Cement Fill, 6,328-6,330, 6/2/1960

**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: 5 Delhi Taylor

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 the Pictured Cliffs/Fruitland plug from 1572' – 1175' inside the 4 ½" and outside the 5 ½" casing.
 - b) Place the Kirtland/Ojo Alamo plug from 653' – 365' inside the 4 ½" and outside the 5 ½" casing.

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.