Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
March 4, 2004

WELL API NO. 30-039-30339

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name: San Juan 28-7 Unit

1. Type of Well: Oil Well ☐ Gas Well X☐ Other

8. Well Number: 249G

2. Name of Operator: **ConocoPhillips**

9. OGRID Number: 217817

3. Address of Operator: **P.O. Box 4289, Farmington, NM 87499-4289**

10. Pool name or Wildcat: Basin Dakota / Blanco Mesaverde

4. Well Location

Unit Letter G : 2280' feet from the North line and 1780' feet from the East line

Section 30 Township 28N Range 7W NMPM Rio Arriba County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 5947' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPLETION ☐	CASING TEST AND CEMENT JOB ☐	RCVD DEC 11 '07
OTHER ☒ Intermediate Depth Change		OTHER: ☐	OIL CONS. DIV. DIST. 3

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

ConocoPhillips wishes to change the 7" casing depth from 2811' TVD to 4500' TVD (4814' TMD). This area is near the wet Cliff House line and we want to get casing across the Cliff House. Cement volumes will be adjusted accordingly. Revised drilling program is attached. 12/10/07 Verbal approval per Henry Villanueva (OCD).

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 ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.**

SIGNATURE Tamra Sessions TITLE Regulatory Technician DATE 12/10/2007

Type or print name: Tamra Sessions E-mail address: tamra.d.sessions@conocophillips.com Telephone No.: 505-326-9834

(This space for State use)

APPPROVED BY Henry Villanueva TITLE Deputy Oil & Gas Inspector, District #3 DATE DEC 1 1 2007

Conditions of approval, if any:

ConocoPhillips

San Juan Division - Drilling Program

SAN JUAN 28-7 249G

		API #	APD/BLM:
		30-039-30339	9/4/2007
T - 28 N	Objective: MV/DK Directional	Network #	AFE #
R - 7 W	Footages: 2280' FNL, 1780' FEL	10193133	WAN.CNV.7177
Sec 30		Lease #	OGRID #
Rig: AWS #711	BLM Phone #	State Well	217817
GL: 5947'	505-599-8907	Like-Kind	LK Cost
KB: 5962'	OCD Phone #	125 $/FT	$908,750
	505-334-6178	APD TMD:	7270'

In case of Major Emergency Call 911

Give the following information to Operator:

Well Name: SAN JUAN 28-7 249G — County: Rio Arriba

Latitude: 36 degrees, 37.9952 minutes NAD27 — State: NM

Longitude: 107 degrees, 36.6778 minutes NAD27

From the P.O. in Blanco, NM. Go east on Hwy 64 for 1.2 miles, turn right (southerly) on CR 4450 for 3.7 miles, stay left at y-intersection (southeastrly) 2.3 miles, stay right at y-intersection (southeasterly) along the east side of Carrizo Was for 2.3 miles, turn left (northeasterly) for 2.6 miles, stay right (southeasterly) 1.1 miles, stay left (southeasterly) 4 3 miles along the north side of Carrizo Wash, to the newly staked location on the left (north) side of the road.

Environmental, Health & Safety

"Opportunities are usually disguised as hard work, so most people don't recognize them." *Ann Landers* "Nothing is particularly hard if you divide it into small jobs " *Henry Ford*

	TRIR*	FAT	Restrict'd Duty	OSHA Rec	1st Aid
Goal	0	0	0	0	0
Actual (11/23/07)	2.64	1	10	25	117

* TRIR - Total Recordable Incident Rate per 200,000 man-hours

Environmental Goals:

- Zero Spills on Location
- Remove Trash from Roads and Locations

TVD	TMD	Geology	Hydraulics	Drlg Fluids
0'	0'	San Jose	12 1/4" Retip	Spud Mud
229'	229'	SCP	8 3/4" HCM506Z	Drill out from under surface w/ Clean Faze (Vis 33-35, WT 8 5-9 0 ppg, WL of 6-8 cc/30 min). Sweep hole with gel/fiber as needed. Don't hesitate to mud hole up!
361'	361'	Nacimiento	6-14's	
1611'	1666'	Ojo Alamo	8-15K WOB	
1741'	1810'	Kirtland	420 GPM	
	2032'	Stage Tool (If Needed)	65 RPM	
2211'	2332'	Fruitland		
2506'	2661'	Pictured Cliffs		
2711'	2889'	Lewis	National 6-3/4" 7:8 lobe 5.0 stage 0.28 rev/gpm mud motor Slick	
3411'	3667'	Chacra		Make wiper trip @ TD
4141'	4453'	Massive Cliff House		
4261'	4574'	Menefee		
4500'	4814'	ICP		GPM range for motor 200-450 GPM
4711'	5025'	Point Lookout	New Diamond Air 6-1/4" Bit Marquis CV462 on Halco Hammer	Air/Nitrogen 1800 cfm 400 - 500 psi
5951'	6265'	Gallup		
6641'	6955'	Greenhorn	2-4 K WOB 30-40 RPM	Run 1-3 #/ft lube beads for friction
6736'	7050'	Two Wells	Slow ROP before drilling into the top of Greenhorn Reduce WOB to 2,000 & RPM to 25	Oxygen conc MUST be 8% or less while drilling prod hole section
6871'	7185'	Cubero		
6941'	7248'	Est Bottom Perf		
6952'	7266'	Est PBTD		
6956'	7270'	Total Depth		

If hole gets wet: Immediately start pulling out of hole and then contact the drilling superintendent

Cement

Preset by MOTE on 9/28/07

1-Stage Intermediate Cement Procedure

Preflush: 10 bbls FW, 10 bbls MF, 10 bbls FW

Scavenger Premium Lite w/ 3% CaCl, 0.25 pps Cello-Flake,5 pps LCM-1, 0.4% FL-52, 8% bentonite and 0.4% SMS.

20 sks — 11 ppg — 17.89 gal/sk

56 0 cu ft — 3.02 cu.ft/sk

Lead Premium Lite w/ 3% CaCl, 0.25 pps Cello-Flake,5 pps LCM-1, 0.4% FL-52, 8% Bentonite and 0.4% SMS.

660 sks — 12.1 ppg — 11.29 gal per sk

1389 7 cu ft — 2.13 cu ft/sk — 125%

Tail Type III cmt. w/ 1% CaCl, 0.25 pps Cello-Flake and 0.2% FL-52.

120 sks — 14 60 ppg — 6.64 gal per sk

154 cu ft — 1.38 cu.ft/sk — 0%

Top of Tail @ 3850.8 ft. TMD

If losses are incurred an alternate cement procedure or a two stage job (see below) will be used. Call office for instructions.

Alternate 2-Stage Intermediate Cement Procedure

Stage 1

Preflush 10 bbls FW, 10 bbls MF, 10 bbls FW

Scavenger: Premium Lite w/ 3% CaCl, 0.25 pps Cello-Flake,5 pps LCM-1, 0.4% FL-52, 8% bentonite and 0.4% SMS.

20 sks — 11.0 ppg — 17.89 gal/sk

56.0 cu.ft — 3.02 cu ft/sk

Lead: Premium Lite w/ 3% CaCl, 0.25 pps Cello-Flake,5 pps LCM-1, 0.4% FL-52, 8 % bentonite and 0.4% SMS.

350 sks — 12 1 ppg — 11.29 gal/sk

739.9 cu ft — 2.13 cu ft/sk — 125%

Tail: Type III cmt. w/ 1% CaCl, 0.25 pps Cello-Flake and 0.2% FL-52.

120 sks — 14 6 ppg — 6 64 gal/sk

154.0 cu ft — 1.38 cu ft/sk

Stage 2

Preflush: 10 bbls FW, 10 bbls MF, 10 bbls FW

Scavenger: Premium Lite w/ 3% CaCl, 0.25 pps Cello-Flake,5 pps LCM-1, 0.4% FL-52, 8% bentonite and 0.4% SMS.

20 sks — 11.0 ppg — 17.89 gal/sk

56 0 cu ft — 3.02 cu.ft/sk

Lead: Premium Lite w/ 3% CaCl, 0.25 pps Cello-Flake,5 pps LCM-1, 0.4% FL-52, 8% bentonite and 0.4% SMS.

280 sks — 12.1 ppg — 11.29 gal/sk

593 7 cu ft — 2.13 cu ft/sk — 125%

Have mudloggers on hole from 6850' TMD to TD. Mudloggers will be Softrock (970-247-8868)

No open hole logs

Materials

1 Wood Group wellhead

~~1 Wellhead fuzz cap~~

~~229 feet 9-5/8" 32 3# H-40 STC~~

~~1 9-5/8" sawtooth guide shoe~~

~~3 Bow Type Centralizers~~

~~1 Rubber Plug f/displacement~~

Intermediate String

1 7" Float Shoe (Gemoco)

40 feet Shoe Joint 7" 23 0#, L-80 LT&C

1 7" Float Collar (Gemoco)

4774 feet 7", 23.0#, L-80 LT&C

39 7" x 8-3/4" Tandem Rise type every 3rd jt. from shoe to base of surface casing

Totals

4964 feet 7", 23 0#, L-80 LT&C w/ 150' extra

39 7" x 8-3/4" Tandem Rise type centralizers

Production String

1 4-1/2" Float Shoe (Gemoco)

1 4-1/2" Float Collar w/ Insert and latch in plug

315 feet 4-1/2" 11 6#, L-80 LT&C

10 feet 4-1/2" 11 6#, L-80 LT&C marker jt @ the Greenhorn

3592 feet 4-1/2" 11 6#, L-80 LT&C

10 feet 4-1/2" 11 6#, L-80 LT&C marker jt @ 1100' above the Massive Cliffhouse

3343 feet 4-1/2" 11 6#, L-80 LT&C to surface

19 4-1/2" x 6-1/4" bowspring centralizers, 1 on shoe jt, then 1 every 4th jt f/bottom to above Cliffhouse & 1 on jt below 7" shoe

Totals

7420 feet 4-1/2" 11 6#, L-80 LT&C w/ 150' extra

19 4 -1/2" x 6-1/4" bow type

If mud drilled, contact office for new TD.

Production Cement Procedure

Preflush 10 bbls Chem Wash, 2 bbls FW

Scavenger: Premium Lite HS FM + 0 25pps Cello-Flake, 0.3% CD-32, 6.25pps LCM-1, 1% FL-52.

10 sks — 11.0 ppg — 17.89 gal/sk

27.0 cu ft — 3 02 cu ft/sk — 40%

Tail: Premium Lite HS FM + 0.25pps Cello-Flake, 0.3% CD-32, 6.25pps LCM-1, 1% FL-52.

220 sks — 12 5 ppg — 9 80 gal/sk

349 5 cu.ft — 1.98 cu ft/sk — 40%

Add 25lb. Bag sugar to first displacement

Order 35 sks extra cement for rat and mouse holes.

Offset Summary

San Juan 28-7 #136F (MV/DK, 5 mi NE, 2006): Rig drilled surface to 240'. Ran 9-5/8" 32 3# H-40 STC to 235' Pumped 30 bbls cmt, circ 5 bbl cmt to surface, 100% excess Drilled f/240'-3,660' w/ 8-3/4" HC607Z bit, max deviation = 2 5%, avg ROP = 180 fph Ran 7" 20# J-55 STC to 3,650'. Pumped 137 bbls, lost returns while pumping tail slurry, continue pumping and bumped plug, no returns to surface, 40% excess Pressure when plug was bumped was near lift pressure, so cement should be high Air drilled f/3,660'-7,835' w/ 6-1/4" Marquis CV-462, average ROP = 150 fph Ran 4-1/2" 11 6# N-80 LTC to 7,834' Pumped 122 bbls, TOC at 2,430', 1,220' overlap, 55% excess

San Juan 28-7 #190G (MV/DK, 3 mi E, 2005): Rig drilled surface to 240' Ran 9-5/8" 32 3# H-40 STC to 235'. Pumped 32 bbls cmt, circ 15 bbl cmt to surface, 120% excess Drilled f/240'-3,570' w/ 8-3/4" HC-607Z, avg ROP = 66 fph, max dev = 4 deg Ran 7" 20# J-55 STC to 3,561'. Pumped 234 bbls cmt, circ 20 bbl to surface, 150% excess Air drilled f/3,570'-7,761' w/ 6-1/4" CV-463, ran into tight spots at 3,690' while tripping for bit, dusted to TD Ran 4-1/2" 11 6# N-80 LTC to 7,758 Pumped 120 bbls cmt, TOC @ 2,116', 55% excess

Operational Notes

Directional Info

- Drill out surface cmt with directional equipment to KOP of 350'
- A 6 1/2" E-Field MWD tool will be used
- Run 6-3/4", 7 8, 0 28 rev/gpm, 5 0 motor for directional work
- *Build at 2 degree/100' in the azimuth of 127 7 degrees to a depth of 1555' TMD (1511.7' TVD) Hold at 25 91 degrees in azimuth of 127 7 degrees to a depth of 3950' TMD (3665 5' TVD) Drop angle at 3 degrees/100' to depth of 4,813 5' (4500 0' TVD) where inclination will be 0 degrees*
- At 7" casing point (4813 5 TMD, 4500' TVD), TOH with drilling assembly and TIH with insert bit, collar, 8-1/2" 3-pt reamer

Target Info

-Bottom hole location is 2070' FSL and 575' FEL (SECTION 30)

-Target is 933' S and 1208' E from surface stake

- BHL is 1526' in azimuth 127.7° from surface location
- Target size is a 50' radius around the desired BHL

Operational Info

- **Run 20 jts of 4 1/2" HeviWate pipe for intermediate hole (supplied by Weatherford).**
- **Run 6 DCs for air BHA; use 20 DCs if mud drilling necessary.**
- Caliper everything that goes through the table
- Notify 1st Delivery to strip location at least five days in advance
- **Pump cement job no greater than 4 BPM.**
- Install drilling head rotating rubber once BHA is burned
- Reserve pits must be lined
- Well should take an estimated 14 days to drill
- **Have Blooie line rigged up prior to drilling the Kirtland**
- Call **both** regulatory agencies 24 hours in advance of BOP testing, spud, running csg, or cementing Leave message if after hours

Prepared: 11/27/2007

Prepared: _____ Matt Gastgeb - Drilling Engineer

Reviewed: _____ Russ Perkins - Drilling Engineer

Approved: _____ Jim Fodor - Drilling Superintendent