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

RCVD NOV 8'06
OIL CONS. DIV.
DIST. 3

Form C-103
May 27, 2004

WELL API NO.
30-045-11582

5. Indicate Type of Lease
STATE ☐ FEE ☐

6. State Oil & Gas Lease No.
Federal Lease #SF-078480

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
Hammond WN Federal

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

8. Well Number
#5

2. Name of Operator
ConocoPhillips

9. OGRID Number
217817

3. Address of Operator
3401 E. 30th Street, Farmington, NM 87402

10. Pool name or Wildcat
South Blanco Pictured Cliffs

4. Well Location

Unit Letter **D** : **1060** feet from the North line and **1150** feet from the **West** line

Section **25** Township **27N** Range **8W** NMPM San Juan County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
5973'

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type_____ **Depth to Groundwater**_____ **Distance from nearest fresh water well**_____ **Distance from nearest surface water**_____

Pit Liner Thickness: _____ **mil** **Below-Grade Tank: Volume** _____ **bbls; Construction Material** _____

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.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☒	CASING/CEMENT JOB	☐		
OTHER:			☒	OTHER ☒ 2006 BH Test Results			

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.

While testing the subject wells bradenhead, it flowed clear water with no gas. A noise log (shut in condition) shows movement behind pipe, all within the Naciamento formation. The Ojo Alamo apparently has good cement covering it. Therefore, all the water is moving within the same zone (during shut in conditions) between 850' and 1000' from surface.

Attached is the BH test, analysis from H&M showing 0.00 hydrocarbons & audio log.
After reviewing the data ConocoPhillips feels that this well has met all agency requirements.

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 _____ TITLE Regulatory Technician DATE 11/8/06

Type or print name Philana Thompson E-mail address: thomppp@ConocoPhillips.com Telephone No. 505-326-9530

For State Use Only

APPROVED BY: _____ TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE NOV 08 2006

Conditions of Approval (if any):

NEW MEXICO ENERGY, MINERALS
and
NATURAL RESOURCES
DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6178
FAX: (505) 334-6170
www.emnrd.state.nm.us/ocd/District 3/district3.htm

BRADENHEAD TEST REPORT

(Submit 2 copies to above address)

RETEST

Date of Test 8/28/06 Operator CONOCOPHILLIPS API # 30-04511582

Property Name HAMMOND WN FED. Well No. 5 Location: Unit D Section 25 Township 27 Range 8

Well Status (Shut-In or (Producing)) Tubing 156 Intermediate — Casing 156 Bradenhead 58

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

TIME	PRESSURES: BRADENHEAD	INTERMEDIATE	CASING
1 minutes	38	—	156
10 minutes			
15 minutes			
20 minutes			
25 minutes			
30 minutes			

	BRADENHEAD FLOWED	INTERMEDIATE FLOWED
Steady Flow	✓	
Surges		
Down to Nothing		
Nothing		
Gas		
Gas & Water		
Water	✓	

If bradenhead flowed water, check all of the descriptions that apply below:

CLEAR ✓ FRESH ____ SALTY ____ SULFUR ____ BLACK ____

5 MINUTE SHUT-IN BRADENHEAD 58 INTERMEDIATE ____

REMARKS: BRADENHEAD FLOWING CLEAR WATER FOR 1 MIN. - SHUT-IN BRADENHEAD - PRESSURE WHEN SHUT-IN 38#

By GORDON CHENAULT Witness ____

CONSULTANT
(Position)

E-mail address [illegible]

10-12-06

BH FLOW READINGS

WELL	Time	BH Pressure	Tank
Hammond 5	11:00	58	Ø
	12:00	20	4"
	1:00	20	8"
	2:00	20	12"
	3:00	20	16"
	4:00	20	19"
	4:05	40	Ø

Comments:

BRADENHEAD flowed - Total 30.4 bbls

Tim DARLAND
505-320-2604

10-13-06

BH FLOW READINGS

WELL	Time	BH Pressure	Tank
Hammond 5	9:00	56	0"
	10:00	20	4"
	11:00	20	8"
	12:00	20	11"
	1:00	20	14"
	2:00	20	18"
	3:00	20	22"

Comments:

B.H. flowed Constant H_2O total 35.0bbls

Tim Darland
505-860-2604

10-14-06

BH FLOW READINGS

WELL	Time	BH Pressure	Tank	
Hammond 5	9:00	58	Ø	
	10:00	20	4"	
	11:00	20	8"	
	12:00	20	12"	
	1:00	20	16"	
	2:00	20	18"	

Comments:

B.H. flowed constant water total 29bbls

Tim Dazland
505-860-2604

3 day total

94.4bbls

H & M Precision Products, Inc.

Oil & Grease Content

November 6, 2006

Chenault Consulting Inc.
P.O. Box 328
Bloomfield, NM 87413

On November 3, 2006 samples were submitted to our lab from the below lease for oil content analysis.

Location	Source Sampled	Sample Date	Hydrocarbon ppm
Hammond WN Fed 5	Braden Head	11/03/06	0.00

If you have any questions or require further information, please contact us.

Sincerely,

Laboratory Technician

cc: Albert Rich

H & M Precision Products Inc.
1220 Basin Rd.
Farmington, NM 87401
(505)326-4900

Conoco Phillips

County: San Juan
State: NM
Sampled at: Bradenhead
Date: October 13, 2006

Field:
Location: Hammond 5
Formation:
Depth: 0

H & M Precision Water Analysis Report

Sum +	mg/L	meq/L		Sum -	mg/L	meq/L
Potassium	0.0	0.00		Sulfate	1,180.0	24.57
Sodium	1,092.1	47.50		Chloride	1,000.0	28.21
Calcium	44.5	2.22		Carbonate	0.0	0.00
Magnesium	20.7	1.70		Bicarbonate	10.0	0.16
Iron	2.2	0.12		Hydroxide	0.0	0.00
Barium	0.0	0.00	Analysis	-	0.0	0.00
Strontium	0.0	0.00	Balanced	-	0.0	0.00
CATIONS	1,159.5	**51.54**		ANIONS	2,190.0	**52.94**

System Parameters

Total Dissolved Solids @180C	3,350	mg/L
Sample Temperature, 'F	70	F
Sample pH, standard units	**8.31**	Units
Dissolved Oxygen	0.0	ppm
Carbon Dioxide	0.0	mg/L
Total Sulfide, (TS)	0.0	mg/L
Sulfide Ion, (S)	0	mg/L
Dissolved Hydrogen Sulfide, (TS-S)	0	mg/L
Specific Gravity	1.0027	
Resistivity, measured	0	ohm/m^3
Ionic strength	0.067	
Sulfate Reducing Bacteria	nd	
Aerobic Bacteria	nd	

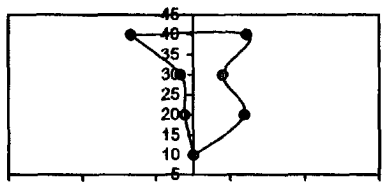
Scaling Tendency

CACO3 Temp F	Stiff Davis Index	A index	CASO4 Temp F	SOLUBILITY Actual	Calculated	S Index	A Index
32	-1.33	-49					
50	-1.13	-35	50	2.22	21.54	-19.32	-460
68	-0.93	-24	68	2.22	22.15	-19.93	-475
77	-0.82	-20	86	2.22	22.74	-20.52	-489
86	-0.72	-16	104	2.22	23.05	-20.83	-496
104	-0.51	-9	122	2.22	23.07	-20.85	-497
122	-0.29	-4	140	2.22	22.19	-19.97	-476
140	-0.08	-1	158	2.22	21.29	-19.07	-454
158	0.14	1	176	2.22	20.36	-18.14	-432
176	0.36	3					

BASO4 SCALE POSSIBLE NO

Water Analysis Patern

40 30 20 10 10 20 30 40



NOTE: Stiff Davis Index
- indicates undersaturation. Scale formation negative.
0 indicates the water is at saturation point. Scale unlikely.
+ indicates supersaturation. A positive scaling condition exists

NOTE: Skillman Method Calcium Sulfate 'S Index'
- indicates undersaturation. Scale formation negative.
0 indicates the water is at saturation point. Scale unlikely.
+ indicates supersaturation. A positive scaling condition exists

NOTE: A Index; worst possible case. Assumes 100% precipitation.
- Units = pounds of scale produced / 1000 bbls. of water.
- A Index =< 0 Scale formation negative.
- A Index > 0 Scale formation positive.

Approved: Albert Rich
10/23/06 v4.01

ConocoPhillips

County: San Juan
State: NM
Sampled at: Bradenhead
Date: October 14, 2006

Field:
Location: Hammond 5
Formation:
Depth: 0

H & M Precision Water Analysis Report

Sum +	mg/L	meq/L
Potassium	0.0	0.00
Sodium	1,114.2	48.46
Calcium	38.9	1.94
Magnesium	17.3	1.42
Iron	2.4	0.13
Barium	0.0	0.00
Strontium	0.0	0.00
CATIONS	1,172.8	**51.95**

Analysis Balanced

Sum -	mg/L	meq/L
Sulfate	1,200.0	24.98
Chloride	1,000.0	28.21
Carbonate	0.0	0.00
Bicarbonate	10.0	0.16
Hydroxide	0.0	0.00
-	0.0	0.00
-	0.0	0.00
ANIONS	2,210.0	**53.35**

System Parameters

Total Dissolved Solids @180C	3,383	mg/L
Sample Temperature, 'F	70	F
Sample pH, standard units	**8.25**	Units
Dissolved Oxygen	0.0	ppm
Carbon Dioxide	0.0	mg/L
Total Sulfide, (TS)	0.0	mg/L
Sulfide Ion, (S)	0	mg/L
Dissolved Hydrogen Sulfide, (TS-S)	0	mg/L
Specific Gravity	1.0028	
Resistivity, measured	0	ohm/m^3
Ionic strength	0.067	
Sulfate Reducing Bacteria	nd	
Aerobic Bacteria	nd	

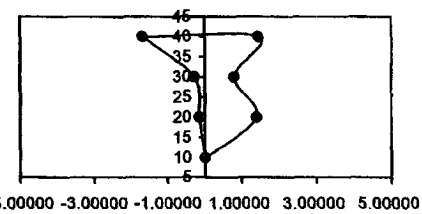
Scaling Tendency

	CACO3			CASO4			
	Stiff Davis	A		SOLUBILITY		S	A
Temp F	Index	index	Temp F	Actual	Calculated	Index	Index
32	-1.46	-56					
50	-1.25	-41	50	1.94	21.36	-19.41	-463
68	-1.05	-29	68	1.94	21.96	-20.02	-477
77	-0.94	-24	86	1.94	22.55	-20.61	-491
86	-0.84	-19	104	1.94	22.86	-20.91	-499
104	-0.63	-12	122	1.94	22.88	-20.94	-499
122	-0.42	-7	140	1.94	22.00	-20.06	-478
140	-0.20	-3	158	1.94	21.10	-19.16	-457
158	0.02	0	176	1.94	20.18	-18.24	-435
176	0.24	2					

BASO4 SCALE POSSIBLE **NO**

Water Analysis Patern

40 30 20 10 10 20 30 40



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