

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

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

WELL API NO.

30-039-

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil &amp; Gas Lease No.

Federal Lease SF-079290-A

7. Lease Name or Unit Agreement Name

San Juan 28-7 Unit

8. Well Number

#187M

9. OGRID Number

217817

10. Pool name or Wildcat

Blanco MV/Basin DK

**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)

1. Type of Well:

Oil Well ☐Gas Well ☒

Other

2. Name of Operator

ConocoPhillips

3. Address of Operator

3401 E 30TH STREET, FARMINGTON, NM 87402

4. Well Location

Unit Letter I : 1395' feet from the South line and 930' feet from the East line  
Section 24 Township 28N Rng 7W NMPM County Rio Arriba11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
6259'

Pit or Below-grade Tank Application

☐ or Closure ☐Pit type New Drill

Depth to Groundwater

&lt;100'

Distance from nearest fresh water well

&gt;1000'

Distance from nearest surface water

&lt;200'

Pit Liner Thickness:

12

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:**PERFORM REMEDIAL WORK ☐PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐CHANGE PLANS ☐PULL OR ALTER CASING ☐MULTIPLE COMPL ☐

OTHER:

New Drill ☒OTHER ☐**SUBSEQUENT REPORT OF:**REMEDIAL WORK ☐COMMENCE DRILLING OPNS. ☐CASING/CEMENT JOB ☐ALTERING CASING ☐P AND A ☐

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.

RCVD NOV 30 '07

OIL CONS. DIV.

New Drill, Lined:

DIST. 3

ConocoPhillips proposes to construct a new drilling pit, an associated vent/flare pit and a pre-set mud pit (if required). Based on ConocoPhillips' interpretation of the Ecosphere's risk ranking criteria, the new drilling pit and pre-set mud pit will be lined pits as detailed in ConocoPhillips' General Plan dated June 2005 on file at the NMOCDD office. A portion of the vent/flare pit will be designed to manage fluids and that portion will be lined as per the risk ranking criteria. ConocoPhillips anticipates closing these pits according to the November 1, 2004 Guidelines.

The OCD estimated groundwater to be at 20' below surface, so reserve pit was denied. On 11/20/07 Brandon Powell with the OCD and Dale Crawford with COPC witnessed a groundbed being drilled by Tierra Corrosion Control on the San Juan 28-7 #187E, a location just 200 feet south of the 187M in Adams Canyon. Tierra did not encounter the water table until they had reached a depth of 90 feet. OCD has the log. Please approve COPC's request to use a standard reserve pit.

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

SIGNATURE

*Patsy Clugston*

TITLE

Regulatory Specialist

DATE

11/28/2007

Type or print name

Patsy Clugston

E-mail address.

clugspl@conocophillips.com

Telephone No.

505-599-4018

**For State Use Only**

APPROVED BY

*Brandon Powell*

TITLE

Deputy Oil & Gas Inspector,  
District #3

DATE

NOV 30 2007

Conditions of Approval (if any):

**TIERRA CORROSION CONTROL, INC.**  
**DRILLING LOG**

COMPANY: ConocoPhillips  
LOCATION: San Juan 28-7 187E  
STATE: NM  
BIT SIZE: 7 7/8"  
LBS COKE BACKFILL: 2,600#  
ANODE TYPE: 2" x 60" Durachlor

CONTRACT #:  
LEGALS: S24 T28W R7W  
DRILLER: Gilbert Peck  
CASING SIZE/TYPER: 8" X 20' PVC  
VENT PIPE: 300'  
ANODE AMOUNT: 12

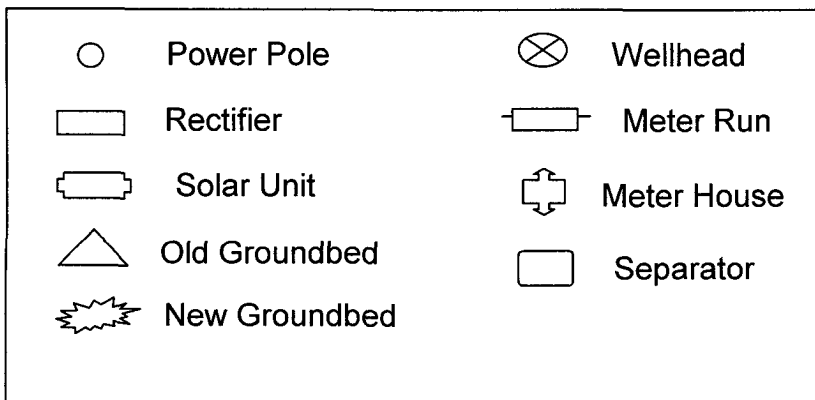
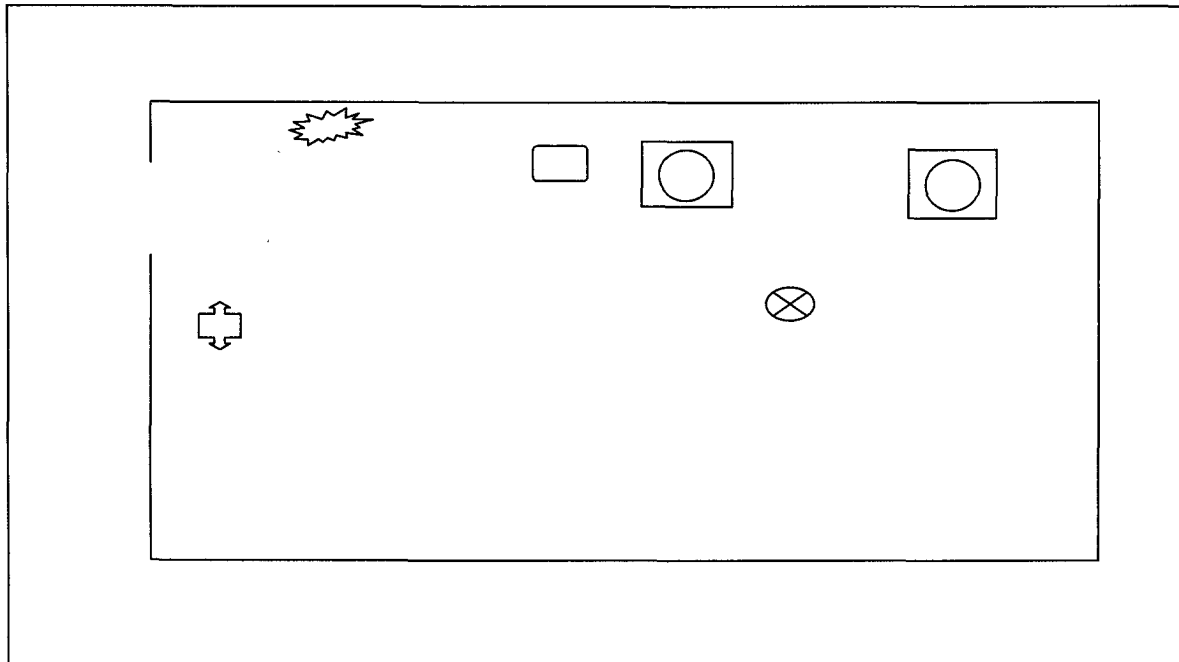
DATE: November 20, 2007  
COUNTY: Rio Arriba  
DEPTH: 300'  
COKE TYPE: Asbury  
PERF PIPE: 140'  
BOULDER DRILLING: None

DEPTH	DRILLER'S LOG	AMPS	DEPTH	DRILLER'S LOG	AMPS
20	Casing		310		
25	Sand Stone		315		
30		.7	320		
35		7	325		
40		5	330		
45		.6	335		
50		.7	340		
55		6	345		
60		.5	350		
65		5	355		
70		.6	360		
75		.7	365		
80		5	370		
85		7	375		
90		.7	380		
95	Gray Shale	1.5	385		
100		1.6	390		
105		1.4	395		
110		1.6	400		
115		1.5	405		
120		1.2	410		
125		1.1	415		
130		1.1	420		
135		1.1	425		
140		1.0	430		
145		1.1	435		
150		1.7	440		
155		1.4	445		
160		1.0	450		
165		.9	455		
170	Sand Stone	1.1	460		
175	Gray Shale	2.0	465		
180		2.1	470		
185		1.8	475		
190		1.4	480		
195		1.3	485		
200		1.2	490		
205		1.2	495		
210		1.1	500		
215		1.1			
220		1.1			
225		1.0			
230		1.1			
235		1.5			
240		1.5			
245		1.7			
250		1.3			
255		1.0			
260		1.0			
265		1.0			
270		1.0			
275		1.2			
280		1.6			
285		2.0			
290		2.0			
295		2.0			
300		TD			
305					

ANODE #	DEPTH	NO COKE	COKE
1	295	2.0	2.7
2	285	2.0	3.7
3	275	1.2	3.6
4	265	1.0	3.5
5	255	1.0	4.1
6	245	1.7	5.3
7	235	1.5	5.2
8	225	1.0	4.2
9	215	1.1	4.4
10	205	1.2	4.3
11	195	1.3	4.4
12	185	1.8	5.4
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WATER DEPTH: 90'  
ISOLATION PLUGS: None  
LOGGING VOLTS: 11.76  
VOLT SOURCE: AUTO BATTERY  
TOTAL AMPS: 12.3  
TOTAL GB RESISTANCE: 0.95  
REMARKS:

Company : ConocoPhillips  
Well: San Juan 28-7 187E  
Legals: S24 T28W R7W  
County: Rio Arriba  
State: NM  
Date: November 20, 2007



OCD CATHODIC PROTECTION DEEPWELL GROUND BED REPORT  
DATA SHEET: NORTHWESTERN NEW MEXICO

OPERATOR: ConocoPhillips CO.  
FARMINGTON, NM 87401  
PHONE: 599-3400

SUBMIT 2 COPIES TO O.C.D. AZTEC OFFICE

**LOCATION INFORMATION**

API Number

WELL NAME OR PIPELINE SERVED: San Juan 28-7# <sup>187E</sup> LEGAL LOCATION: SE 24 78 N 74 W INSTALLATION DATE: 11/20/07  
PPCO RECTIFIER NO.:            ADDITIONAL WELLS:             
TYPE OF LEASE:            LEASE NUMBER:           

**GROUND BED INFORMATION**

TOTAL DEPTH: 300' CASING DIAMETER: 8" TYPE OF CASING: PVC CASING DEPTH: 20' CASING CEMENTED: ☐ no  
TOP ANODE DEPTH: 185' BOTTOM ANODE DEPTH: 295'  
ANODE DEPTHS: 295, 285, 275, 265, 255, 245, 235, 225, 215, 205, 195, 185  
AMOUNT OF COKE: 2600 lbs

**WATER INFORMATION**

WATER DEPTH (1): 90' WATER DEPTH (2):             
GAS DEPTH: none CEMENT PLUGS: na

**OTHER INFORMATION**

TOP OF VENT PERFORATIONS: 140' VENT PIPE DEPTH: 200'

REMARKS:

IF ANY OF THE ABOVE DATA IS UNAVAILABLE, PLEASE INDICATE SO. COPIES OF ALL LOGS, INCLUDING DRILLERS LOGS, WATER ANALYSIS, AND WELL BORE SCHEMATICS SHOULD BE SUBMITTED WHEN AVAILABLE. UNPLUGGED UNABANDONED WELLS ARE TO BE INCLUDED.

\*- LAND TYPE MAY BE SHOWN: F-FEDERAL; I-INDIAN; S-STATE; P-FEE  
IF FEDERAL OR INDIAN, ADD LEASE NUMBER.

Tuesday, October

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## Conditions of Approval

Operator: ConocoPhillips Company Well Name: San Juan 28-7 Unit #187M  
Legal Location: 1,395' FSL, 930' FEL, Sec., 24, T. 28 N., R. 7 W.  
EA Log Number: NM-210-07-388 Inspection Date: 10/24/06 Lease No: NMSF 079290-A

The following conditions of approval will apply to this well unless a particular Surface Managing Agency or private surface owner has supplied to Bureau of Land Management and the operator a contradictory environmental stipulation. The failure of the operator to comply with these requirements may result in the assessment of liquidated damages or penalties pursuant to 43 CFR 3163.1 or 3163.2. A copy of these conditions of approval shall be present on the location during construction, drilling and reclamation activity.

### Conditions of Approval

These conditions of approval stipulations apply to the ConocoPhillips Company San Juan 28-7 Unit #187M well pad, access road and pipeline and other associated facilities. Failure of the operator to comply may result in the assessment of liquidated damages or penalties pursuant to 43 CFR 3163.1 or 3163.2.

In accordance with BLM instruction Memorandum No. 2005-247, if the well has not been spudded by September 30, 2008, this APD will expire and the operator is to cease all operations related to preparing to drill the well.

### Special Stipulations

**Copy of Plans:** A copy of these stipulations, including exhibits and the Plan(s) of Operation (if required), shall be at the project area and available to persons directing equipment operation.

**Drainage:** Rolling berms will be built on the south, east and west sides of the well pad to keep water from running across the location. Diversion ditch (es) will be constructed on the west side of the well pad, behind the berm, draining to access road culvert to the south. A diversion around the tear drop will be built at reclamation draining both sides of the access road to the well pad.

**Culverts:** Culverts of sufficient size (minimum 24 inches) will be placed on pad to pad access and where necessary in low spots in the existing access. Silt traps will be built upstream of all culvert locations if possible.

**Cut and Fill Slopes:** The final cut and fill slopes shall be brought back to as close to the original contour as possible. To obtain this ratio, pits and slopes shall be backsloped into the pad upon completion of drilling. Construction slopes can be much steeper during drilling; but will be re-contoured to the above ratio during reclamation.

**Pits:** Pits will be lined with an impervious material at least 12 mils thick. Mud and blow pits will be constructed so as not to leak, break or allow discharge of liquids or produced solids. At least half of the capacity of the reserve pit must be in cut. The top of the outside wall of reserve pit should be smoothed-off with a minimum of one blade width. The pit should have adequate capacity to maintain 2 feet of free board. Pits are not to be located in natural drainages. Pit walls are to be "walked down" by a crawler type tractor following construction and prior to usage.

**Cultural Resources:** Cultural resources have not been located on or adjacent to the project area. See Cultural Resources Record of Review BLM Report Number 2007 (I) 039F attached to the APD for stipulations.

**Silt Trap:** A silt trap will be built encompassing the entire construction zone on the north

0. OF LOCATION COPY

side of the well pad. This silt trap will be drain into the diversions on the west and east sides of the well pad.

**Trees:** Trees and brush shall be chipped, incorporated into the cut and fill.

### **General Conditions of Approval**

The following general stipulations apply to the ConocoPhillips Company San Juan 28-7 Unit #187M well including, but not restricted to the well pad, access road, pipeline and cathodic protection line.

**Authorized Use:** All activities associated within the construction, use/operation, maintenance, and abandonment or termination of the ConocoPhillips Company San Juan 28-7 Unit #187M is limited to areas approved in the APD. All roads on public land must be maintained in good passable condition year round.

**Paleontology Specially Designated Area:** Any cultural and/or paleontological resource (historic or prehistoric site or object) discovered by the Holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the Authorized Officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Authorized Officer. AN evaluation of the discovery will be made by the Authorized Officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The Holder will be responsible for the cost of evaluation and any decision as to proper mitigation measures will be made by the Authorized Officer after consulting with the Holder.

**Storage Facilities Berms:** Berms or firewalls will be constructed around all storage facilities sufficient in size to contain the storage capacity of tanks, or the combined capacity of tanks if a rupture could drain more than one tank. Berm walls will be compacted with appropriate equipment to assure proper construction.

**Unguarded Pit Fencing:** All unguarded pits (reserve/production/blow pits) containing liquids will be fenced with woven wire. Drilling pits will be fenced on three sides and once the rig leaves location, the fourth side will be fenced. All fencing must be a legal fence in accordance with New Mexico State Law.

**Pit Closure and Reclamation:** The operator or his contractor will contact the Bureau of Land Management, Farmington Field Office, Environmental Protection Staff, (505) 599-8900, 48 hours prior to any reclamation efforts associated with this project.

- a. Reserve pits will be closed and rehabilitated 90 days after completion or 120 days from the well spud date. All reserve pits remaining open after the 90 days will need written authorization of the Authorized Officer from the Farmington Field Office. This requirement is addressed in the General Requirements in Onshore Order #7.
- b. Liquids in pits will be allowed to evaporate, or be properly disposed of, before pits are filled and re-contoured. The AO will be notified 24 hours prior to fluid hauling. Under no circumstances will pits be cut and drained. Aeration of pit fluids must be confined within pit area. Upon completion of the well the reserve pit will be covered with screening or netting and remained covered until the pit is reclaimed.
- c. Prior to closing the pit, any plastic material used to line the pits will be removed to mud level before the pits are covered. The excess liner will be hauled to a licensed disposal area. The final grade of reserve pit (after reclamation) shall allow for drainage away from pit area.