

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD JUN 6 '08
OIL CONS. DIV.

DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-078640 Unit Reporting Number Nm NM-784134DK NM NM784134-MV
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator ConocoPhillips	7. Unit Agreement Name San Juan 28-7 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name
4. Location of Well Unit B(NWNE), 845' FNL & 1935' FEL, Latitude 36° 33.79838 N Longitude 107° 35.7295 W	9. Well Number #153N 10. Field, Pool, Wildcat Blanco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 20, T27N, R7W API # 30-039-30340
14. Distance in Miles from Nearest Town 22 miles/Blanco	12. County Rio Arriba
15. Distance from Proposed Location to Nearest Property or Lease Line 845'	13. State NM
16. Acres in Lease	17. Acres Assigned to Well 320 (E/2)
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 940' from San Juan 28-7 153	
19. Proposed Depth 7510'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6554' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: Rhonda Rogers (Regulatory Technician)	8-27-07 Date

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

PERMIT NO. APPROVAL DATE
APPROVED BY D. Mankie TITLE AEM DATE 6/4/08

Archaeological Report attached

Threatened and Endangered Species Report attached

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

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

Example Master Plan Type 3

Bond Numbers ES-0048 and ES-0085

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4

NMOCD

JUN 16 2008

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

District I
1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Avenue, 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 & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Instructions on back
Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

Bureau of Land Management
Farmington Field Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-30346	*Pool Code 72319 / 71599	*Pool Name BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 31739	*Property Name SAN JUAN 28-7 UNIT	*Well Number 153N
*GRID No 217817	*Operator Name CONOCOPHILLIPS COMPANY	*Elevation 6554'


10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	20	27N	7W		845	NORTH	1935	EAST	RIO ARriba

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B									
12 Dedicated Acres 320.0 Acres - (E/2)					13 Joint or Infill		14 Consolidation Code		15 Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	<p>LAT: 36.56331°N LONG: 107.59610°W DATUM: NAD83</p> <p>LAT: 36.337983°N LONG: 107.357295°W DATUM: NAD27</p>	<p>5260.20'</p> <p>845'</p> <p>695'</p> <p>1790'</p> <p>1935'</p> <p>20</p> <p>LEASE SF-078640</p> <p>5270.10'</p>	<p>5283.30'</p> <p>5281.98'</p>	17 OPERATOR CERTIFICATION
				<p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Kandis Roland</i> 4/4/07 Signature Date Kandis Roland Printed Name</p>
				18 SURVEYOR CERTIFICATION
				<p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey: April 27, 2007</p> <p>Signature and Seal of Professional Surveyor</p> <p></p> <p><i>JASON C. EDWARDS</i> Certificate Number 15269</p>

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OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-039-30340

5. Indicate Type of Lease

STATE ☐

FEE ☐

6. State Oil & Gas Lease No

Federal Lease SF-078640

7. Lease Name or Unit Agreement Name

San Juan 28-7 Unit

8. Well Number

#153N

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 B

:

845'

feet from the

North

line and

1935'

feet from the

East

line

Section 20

:

Township

27N

Rng

7W

:

NMPM

County

Rio Arriba

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

6554'

Pit or Below-grade Tank Application

or Closure ☐

Pit type New Drill

Depth to Groundwater

>100

Distance from nearest fresh water well

>1000'

Distance from nearest surface water

<1000

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 ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

P AND A ☐

CASING/CEMENT JOB ☐

☐

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.

New Drill, Lined:

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 NMOCD 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.

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

Rhonda Rogers

TITLE

Regulatory Technician

DATE

8-27-07

Type or print name

Rhonda Rogers

E-mail address:

rogersr@conocophillips.com

Telephone No.

505-599-4018

For State Use Only

APPROVED BY

[Signature]

TITLE

Deputy Oil & Gas Inspector,
District #3

DATE

JUN 16 2008

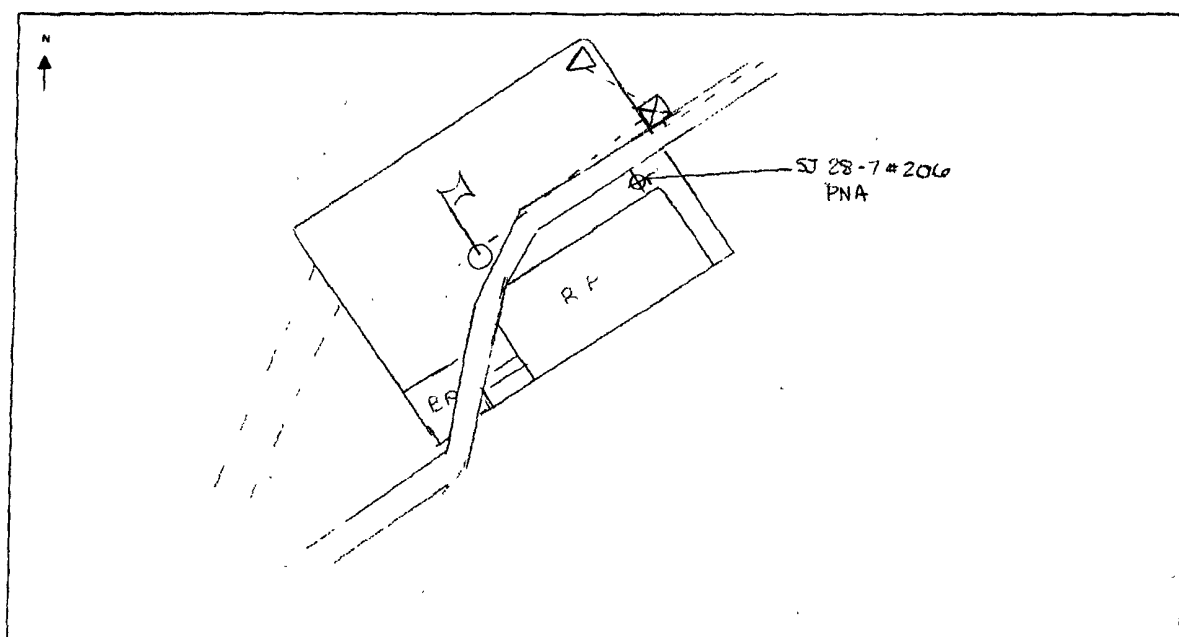
Conditions of Approval (if any):



CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME ST 28-7 #153N LEGALS B-20-27-7 COUNTY Bio Arica

PURPOSED C.P. SYSTEM: Drill GB on N corner of location. Set rectifier on NE edge (N side of process). Trench approx 75' of positive cable from GB to rectifier. Trench approx 1000' of A/C from WGAC in road to rectifier. Trench approx 200' of #8 wire from proposed well to rectifier.



EXISTING WELLHEAD	METER HOUSE	G.B.	POWER SOURCE	CABLE	NEW WELL	OVERHEAD A.C.

COMMENTS: WGAC also in road to well to be used

NEAREST POWER SOURCE WGAC main road DISTANCE: 1000'
 PIPELINES IN AREA: EPFS (Main road S. side)

TECHNICIAN: Michelle Jimenez DATE: 7/24/07

6 CR 5412 BLOOMFIELD, N.M. 87413
 OFFICE: 505-634-0271 CELL: 505-793-6953

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-7 UNIT 153N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7000		AFE \$:	
Field Name: 28-7		Rig: Aztec Rig 301		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist: Riley, Brook		Phone: +1 505-324-6108		Prod. Engineer:	
Res. Engineer: McKee, Cory J		Phone: 505-326-9826		Proj. Field Lead:	
Primary Objective (Zones):					
Zone	Zone Name				
FRR	BASIN DAKOTA (PRORATED GAS)				
RON	BLANCO MESAVERDE (PRORATED GAS)				
Location: Surface					
Datum Code: NAD 27		Straight Hole			
Latitude: 36.563301	Longitude: -107.595492	X:	Y:	Section: 20	Range: 007W
Footage X: 1935 FEL	Footage Y: 845 FNL	Elevation: 6554	(FT)	Township: 027N	
Tolerance:					
Location Type: Restricted		Start Date (Est.): 1/1/2008		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 6570 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	216	6354	<input type="checkbox"/>		
OJAM	2120	4450	<input type="checkbox"/>		
KRLD	2285	4285	<input type="checkbox"/>		
FRLD	2525	4045	<input type="checkbox"/>		
PCCF	2955	3615	<input type="checkbox"/>		
LEWS	3163	3407	<input type="checkbox"/>		
CHACRA	3875	2695	<input type="checkbox"/>		
CLFH	4650	1920	<input type="checkbox"/>	0	
MENF	4677	1893	<input type="checkbox"/>		
Intermediate Casing	4827	1743	<input type="checkbox"/>		
PTLK	5227	1343	<input type="checkbox"/>		
MNCS	5595	975	<input type="checkbox"/>		
GLLP	6396	174	<input type="checkbox"/>		
GRHN	7174	-604	<input type="checkbox"/>		
GRANEROS	7234	-664	<input type="checkbox"/>		
TWO WELLS	7300	-730	<input type="checkbox"/>	1500	
PAGU	7360	-790	<input type="checkbox"/>		
CBBO	7402	-832	<input type="checkbox"/>		
CBRL	7428	-858	<input type="checkbox"/>		
ENCINAL	7505	-935	<input type="checkbox"/>		
Total Depth	7510	-940	<input type="checkbox"/>		
<p>Severe lost circulation is possible. 12-1/4" Hole. 9 5/8", 32.3 ppf, H-40, STC casing. Cement with 171 cuft. Circulate cement to surface.</p> <p>Possible water flows</p> <p>Possible gas</p> <p>Gas; possibly wet</p> <p>Gas</p> <p>8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 1087 cuft. Circulate cement to surface.</p> <p>Gas</p> <p>Gas possible, highly fractured</p> <p>Gas</p> <p>Gas</p> <p>TD at top of ENCN</p> <p>6 1/4" Hole. 4 1/2", 10.5 ppf, J-55, STC casing. Cement with 369 cuft. Circulate cement a minimum of 100' inside the previous casing string. No open hole logs. Cased hole TDT with GR to surface.</p>					

Reference Wells:		
Reference Type	Well Name	Comments
Intermediate	28-7 #206	NE 20-27N-7W

PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 28-7 UNIT 153N

DEVELOPMENT

Production	28-7 #153	NE 20-27N-7W
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Logging Program:

Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple Combo

TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other

GR_CBL

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Comments: Location/Tops/Logging - MVNM027N007W20NE2 DK 27N07W20NE2 Twin #206 else prefer B,G,H - avoid A.

Zones - MVNM027N007W20NE2 DK 27N07W20NE2

General/Work Description - DRILLING: LPT (R Wall/RAM Team)

Name changed from 153F to 153N 5/29/07- KJL

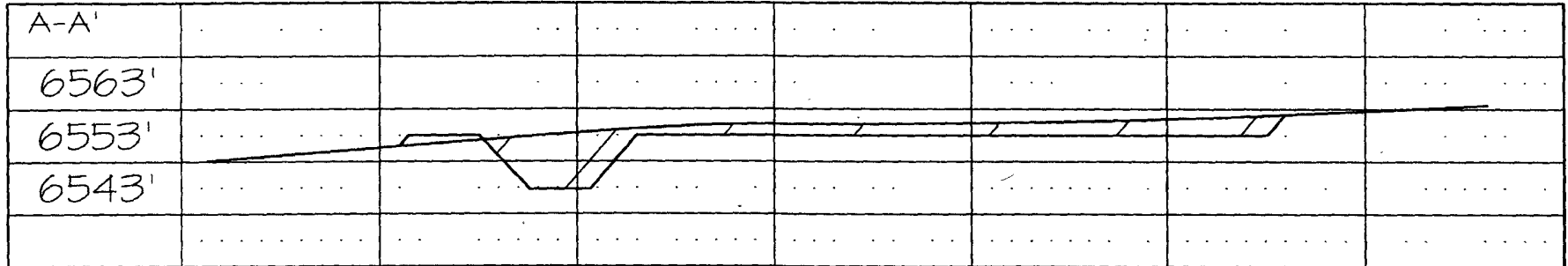
CONTRACTOR SHOULD CONTACT ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED UNDERGROUND UTILITIES OR PIPELINES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.

CONOCOPHILLIPS COMPANY SAN JUAN 28-7 UNIT #153# N
 845' FNL & 1935' FEL, SECTION 20, T27N, R7W, NMPM
 RIO ARriba COUNTY, NEW MEXICO ELEVATION: 6554'

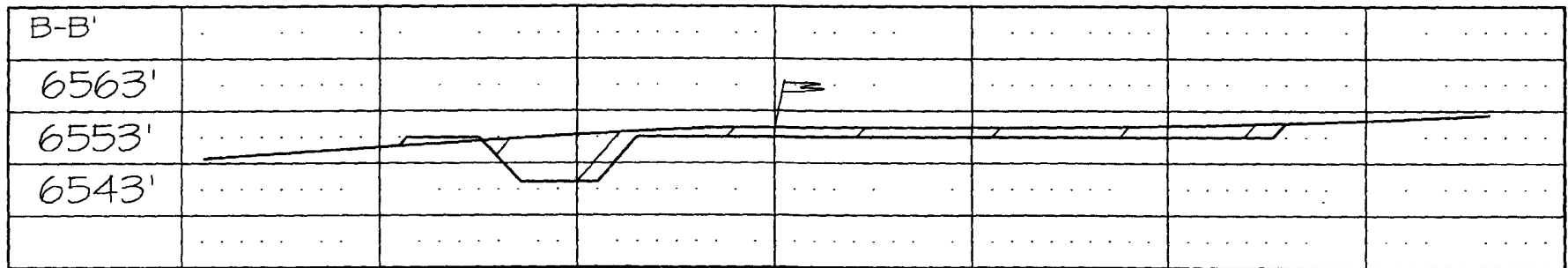
HORIZONTAL SCALE 1"=40'

C/L

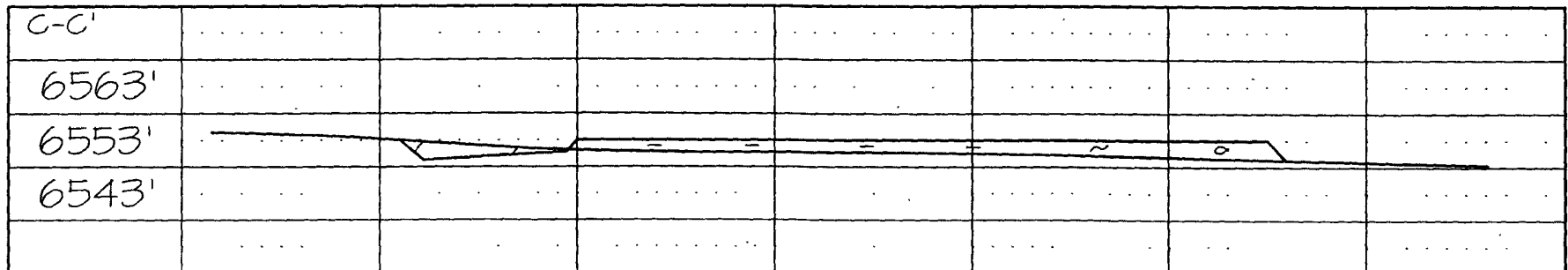
VERTICAL SCALE 1"=30'



C/L



C/L



NCE SURVEYS IS NOT LIABLE FOR LOCATION OF UNDERGROUND UTILITIES OR PIPELINES.

CONTRACTOR SHOULD CONTACT ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED UNDERGROUND UTILITIES OR PIPELINES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.