

RCVD APR 1 '08

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OIL CONS. DIV.

DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED SEP 14 2007 Bureau of Land Management Farmington Field Office	5. Lease Number SF-079380
1b. Type of Well GAS		Unit Reporting Number NMNM-78424A-MV NMNM-78424C-PC
2. Operator ConocoPhillips		6. If Indian, All. or Tribe
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		7. Unit Agreement Name San Juan 32-8 Unit
4. Location of Well Unit I (NESE), 1722' FSL & 743' FEL, Latitude 36° 58.873120 N Longitude 107° 39.340202 W		8. Farm or Lease Name 9. Well Number #49M
		10. Field, Pool, Wildcat Blanco MV/Basin DK/Albino PC
		11. Sec., Twn, Rge, Mer. (NMPM) I Sec. 15, T32N, R8W API # 30-045-3 4430
14. Distance in Miles from Nearest Town 41 miles/Bloomfield	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 743'		
16. Acres in Lease 1760.00	17. Acres Assigned to Well DK/MV 320 (E/2) PC 160 SE/4	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 850 from San Juan 32-8 Unit 263A		
19. Proposed Depth 8618'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6985' GL	22. Approx. Date Work will Start BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <i>Rhonda Rogers</i> Rhonda Rogers (Regulatory Technician)	9-13-07 Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

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

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

APR 04 2008

NMOC

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

RECEIVED

SEP 14 2007

Bureau of Land Management
Farmington Field Office

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-34430	² Pool Code 72319/70120/71599	³ Pool Name Blanco MV/Albino PC/ Basin DK
⁴ Property Code 31330	⁵ Property Name SAN JUAN 32-8 UNIT	
⁷ GRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁶ Well Number 491A
		⁹ Elevation 6985

¹⁰ SURFACE LOCATION

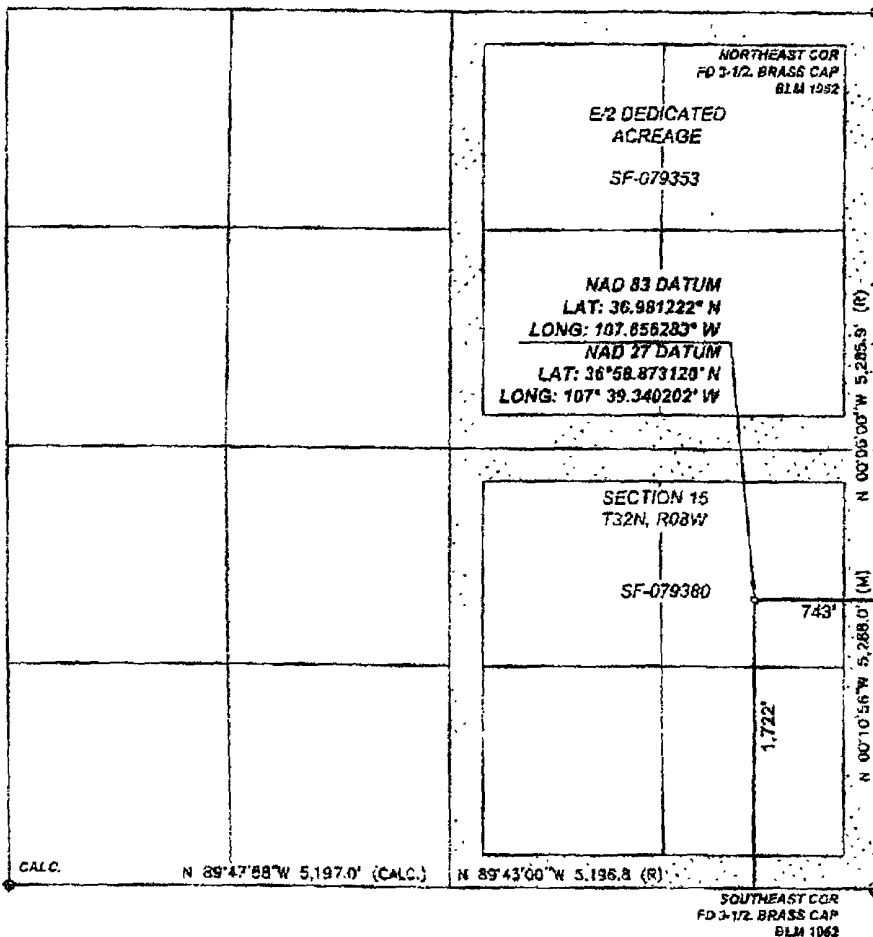
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	15	32-N	08-W		1,722	SOUTH	743	EAST	SAN JUAN

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
I									

¹² Dedicated Acres 320 E/2 DK/MV 160 SE/4 PC	¹³ Joint or Intell	¹⁴ Consolidation Code	¹⁵ Order No.
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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



OPERATOR CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this information was obtained from a reliable source, and that this information was obtained from a reliable source, and that this information was obtained from a reliable source.	
<i>Kandis Roland</i>	
Signature	
Kandis Roland	
Printed Name	
Regulatory Technician	
Title and E-mail Address	
6/4/07	
Date	
SURVEYOR CERTIFICATION	
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.	
Date of Survey: 02/21/07	
Signature and Seal of Professional Surveyor:	
Certificate Number: NM 11393	

Office

Energy, Minerals and Natural Resources

May 27, 2004

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.

30-045- 34430

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

Federal Lease SF-079380

7. Lease Name or Unit Agreement Name

San Juan 32-8 Unit

8. Well Number

#49M

9. OGRID Number

217817

10. Pool name or Wildcat

Blanco MV/Basin DK/Albino PC

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

Section

15

1722'

feet from the

South

line and

743'

feet from the

East

line

NMPM

County

San Juan

Township

32N

Rng

8W

6985'

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

6985'

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

Pit Liner Thickness:

1/2"

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

☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK

☐

COMMENCE DRILLING OPNS.

☐

CASING/CEMENT JOB

☐

ALTERING CASING

☐

P AND A

☐

OTHER:

☐

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, Unlined:

ConocoPhillips proposes to construct a new drilling pit, an associated vent/flame 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 unlined pits as detailed in ConocoPhillips' General Plan dated June 2005 on file at the NMOCD office. A portion of the vent/flame pit will be designed to manage fluids and that portion will be unlined 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

TITLE

Regulatory Technician

DATE

9-13-07

Type or print name

Rhonda Rogers

E-mail address:

rogerrs@conocophillips.com

Telephone No.

505-599-4018

For State Use Only

APPROVED BY

TITLE

Deputy Oil & Gas Inspector,
District #3

DATE

APR 04 2008

Conditions of Approval (if any):

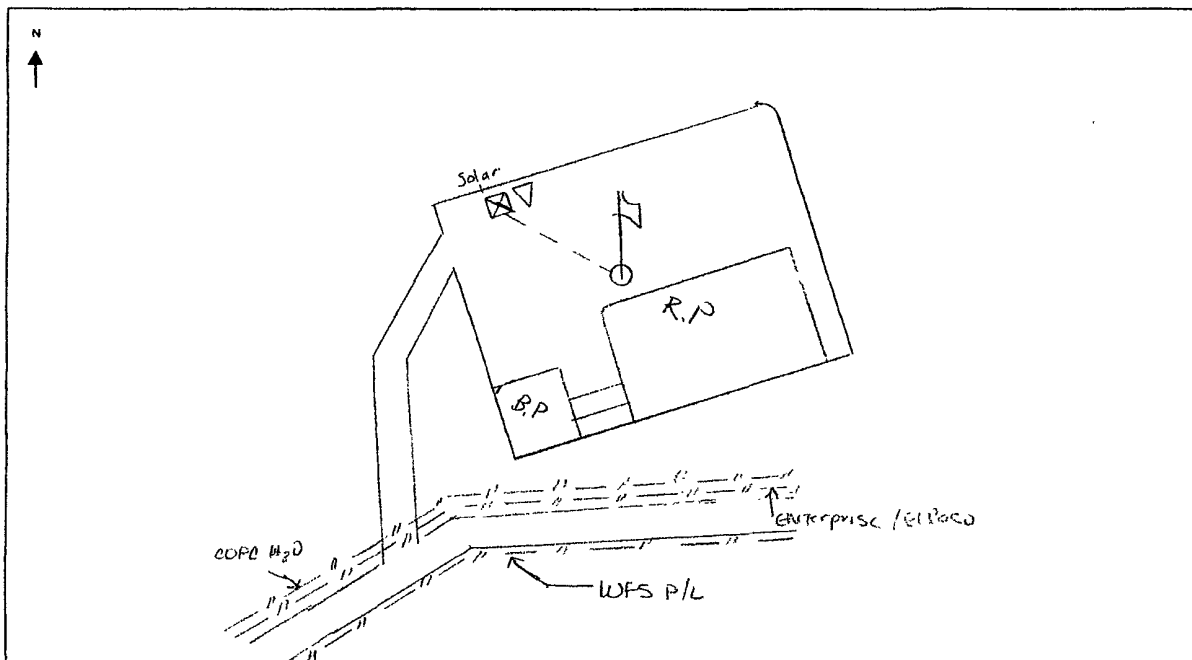


TECHNICAL SERVICES
A CORROSION COMPANY

CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME 9J 32-8 #49 M LEGALS 1-15-32-8 COUNTY San Juan

PURPOSED C.P. SYSTYEM: Drill G.B. and set solar on northwest corner of location. Trench approx 250' of #8 neg cable from solar to wellhead



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

COMMENTS: AK 1/2 mile

NEAREST POWER SOURCE UGA's DISTANCE: over 1/2 mile

PIPELINES IN AREA: COPC H₂O; Enterprise P/L; WFS P/L

TECHNICIAN: Michael H. Hargrove DATE: 11/22/2006

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 32-8 UNIT 49M

DEVELOPMENT

Lease:		AFE #: WAN.CNV.7130		AFE \$:	
Field Name: 32-8		Rig: H&P Rig 283		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist: Koerschner, Bill		Phone: +1 505-326-9770		Prod. Engineer:	
Res. Engineer: Cochran, Tom D		Phone: +1 505 599-4049		Proj. Field Lead: Fransen, Eric E.	
Primary Objective (Zones):					
Zone	Zone Name				
R20002	MESAVERDE(R20002)				
R20003	PICTURED CLIFFS(R20003)				
R20076	DAKOTA(R20076)				
Location: Surface					
Datum Code: NAD 27		Straight Hole			
Latitude: 36.981218	Longitude: -107.654670	X:	Y:	Section: 15	Range: 008W
Footage X: 743 FEL	Footage Y: 1722 FSL	Elevation: 6985 (FT)	Township: 032N		
Tolerance:					
Location Type: Restricted		Start Date (Est.): 1/1/2008		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 7001 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	200	6801	☐		
OJAM	2448	4553	☐		
KRLD	3041	3960	☐		
FRLD	3304	3697	☐		Possible Gas
PCCF	3876	3125	☐		
LEWS	4099	2902	☐		
Intermediate Casing	4199	2802	☐		
CHRA	5151	1850	☐		
MASSIVE CLIFF HOUSE	5925	1076	☐	1196	Gas
MENF	5990	1011	☐		
PTLK	6217	784	☐		
MNCS	6661	340	☐		
GLLP	7575	-574	☐		
GRHN	8302	-1301	☐		
GRRS	8352	-1351	☐		
PAGU	8475	-1474	☐	1228	Gas
CBRL	8511	-1510	☐		
ENCINAL	8568	-1567	☐		TD 50' below T/ENCN
TOTAL DEPTH DK	8618	-1617	☐		
6-1/4" Hole. 4-1/2", 10.6/11.6 ppf, J-55 STC/LTC casing. Cement with 601 cuft. Circulate cement a minimum of 100' inside the previous casing string w/ 601 cu. ft..					
Reference Wells:					
Reference Type	Well Name		Comments		
Production	SAN JUAN UNIT 32-8 #4-15				
Production	SAN JUAN 32-8 UNIT #263A				

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 32-8 UNIT 49M

DEVELOPMENT

Logging Program:

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

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

GR_CBL, MUDLOG 100' above GRHN to TD

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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NEW ACCESS ROAD 171'



1. RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW-3' WIDE AND 1' ABOVE SHALLOW SIDE).
2. C.C.I. SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR

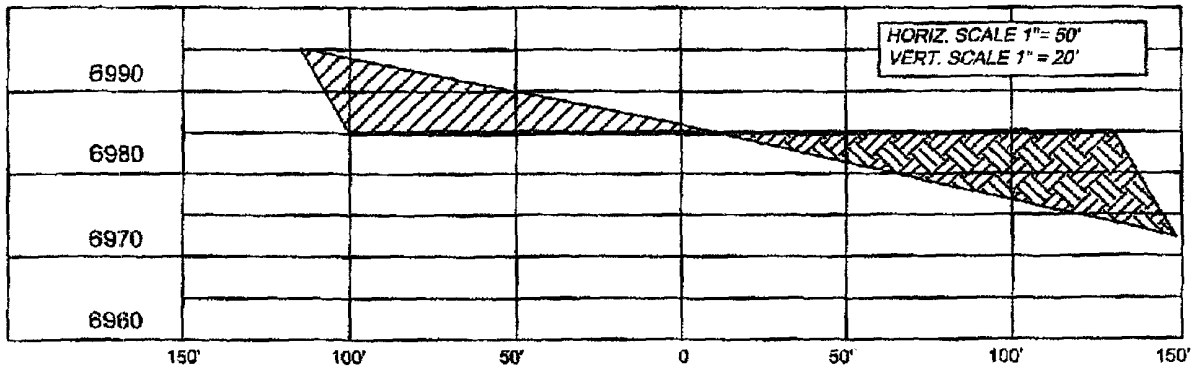
330' x 400' = 3.03 ACRES

CONOCOPHILLIPS COMPANY

SAN JUAN 32-8 UNIT #49M
1,722' FSL, 743' FEL
SECTION 15, T32N, R08W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO
ELEV.: 6,984.8' NAVD88

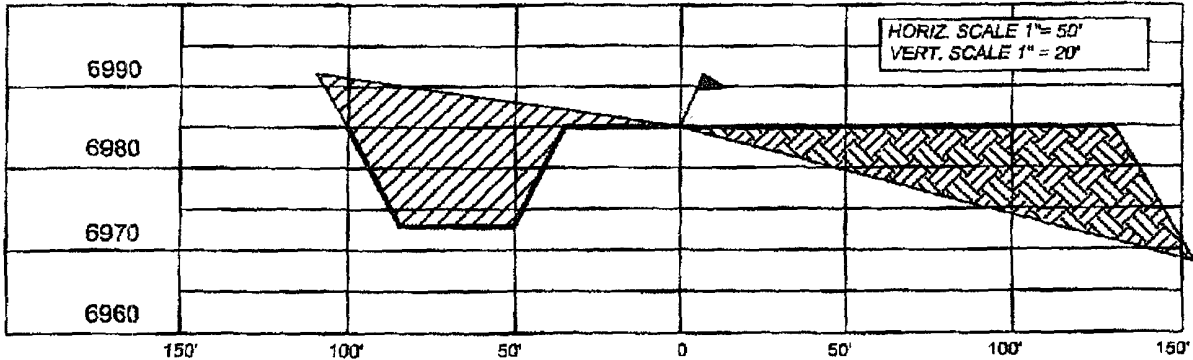
A - A'

C/L



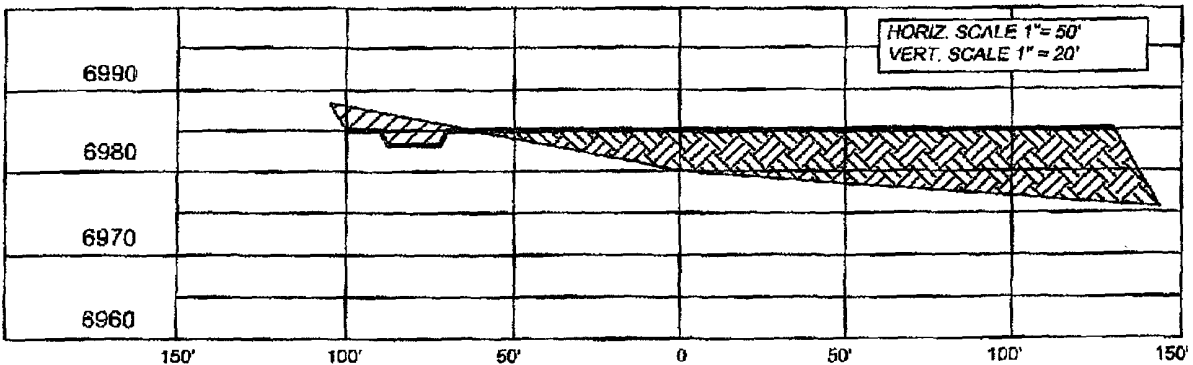
B - B'

C/L



C - C'

C/L



NOTE: CCI IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.

CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD PRIOR TO CONSTRUCTION.

REVISIONS			
NO.	DESCRIPTION	REVISED BY	DATE
1	ISSUE FOR REVIEW	L.H.	4/23/07

CCI

P.O. BOX 328
BLOOMFIELD, NM. 87413
PHONE: (505) 325-7707

CHENAUT CONSULTING INC.