

RECEIVED

MAY 13 2008

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTBureau of Land Management
Farmington Field Office

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USA SF-078781 Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
RCVD JUN 4 '08		
2. Operator ConocoPhillips	7. Unit Agreement Name NMNM 94052 OIL CONS. DIV.	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Bruington LS 9. Well Number #100S DIST. 3	
4. Location of Well Unit I (NESE), 1575' FSL & 660' FEL, Latitude 36.83841 N Longitude 108.02520 W Lot 13	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 6, T30N, R11W API # 30-045-34714	
14. Distance in Miles from Nearest Town 4 miles/Aztec	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 660'	17. Acres Assigned to Well 314.26 (E/2)	
16. Acres in Lease 470.580	18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 120' Bruington LS #3 PC,MV	
19. Proposed Depth 9380' 2504' This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 5872' GL	22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".	
23. Proposed Casing and Cementing Program See Operations Plan attached	24. Authorized by: <u>Sasha Spangler</u> Sasha Spangler (Regulatory Technician) 5-12-08 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 2

Bond Numbers ES-0048 and ES-0085

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

NMOC

JUN 16 2008

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MAY 13 2008

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
Land Management
Farmingington Field Office
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045- <i>34714</i>	*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL
*Property Code 31799	*Property Name BRUINGTON LS	*Well Number 100S
*GRID No. 217817	*Operator Name CONOCOPHILLIPS COMPANY	*Elevation 5872'

10 Surface Location


UL on lot no.	Section	Township	Range	Lot Idh	Feet from the	North/South line	Feet from the	East/West line	County
I	6	30N	11W	<i>13</i>	1575	SOUTH	660	EAST	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL on lot no.	Section	Township	Range	Lot Idh	Feet from the	North/South line	Feet from the	East/West line	County
I									

*Dedicated Acres 314.26 Acres - E/2	*Joint or Infill	*Consolidation Code	*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

16 1331.22'	1280.40'	2638.02'		17 OPERATOR CERTIFICATION	
1298.88'	LOT 4	LOT 10	LOT 9	LOT 8	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 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.
1298.22'	LOT 5		LOT 11	LOT 12	<i>Crystal Walker 2/20/08</i> Signature Date Crystal Walker 2-20-08 Printed Name
					18 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.
					Survey Date: FEBRUARY 5, 2008
					Signature and Seal of Professional Surveyor
2632.74'	LOT 6		LOT 14	LOT 13	 JASON C. EDWARDS Certificate Number 15269
1381.38'	LOT 7	LOT 15	LEASE USA SF-078781	LEASE FEE	

District I

Energy, Minerals and Natural Resources

May 27, 2004

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.	30-045-34714
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	SF-078781
7. Lease Name or Unit Agreement Name	Bruington LS
8. Well Number	#100S
9. OGRID Number	217817
10. Pool name or Wildcat	Basin Fruitland Coal
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5872' GR	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type <u>New Drill</u> Depth to Groundwater <u><50'</u> Distance from nearest fresh water well <u>>1000'</u> Distance from nearest surface water <u>41000'</u>	
Pit Liner Thickness: <u>12</u> mil Below-Grade Tank: Volume <u>4400</u> bbls; Construction Material	

SUNDY 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 Company

3. Address of Operator
3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location
Unit Letter I : 1575' feet from the South line and 660' feet from the East line
Section 6 Township 30N Rng 11W NMPM County San Juan

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK	<input type="checkbox"/>	REMEDIAL WORK	<input type="checkbox"/>
TEMPORARILY ABANDON	<input type="checkbox"/>	COMMENCE DRILLING OPNS.	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	CASING/CEMENT JOB	<input type="checkbox"/>
OTHER:	<input type="checkbox"/>	OTHER:	<input type="checkbox"/>
PLUG AND ABANDON	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
CHANGE PLANS	<input type="checkbox"/>	P AND A	<input type="checkbox"/>
MULTIPLE COMPL	<input type="checkbox"/>		
OTHER:	<input checked="" type="checkbox"/> New Drill	OTHER:	<input type="checkbox"/>

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 and an associated vent/flare pit. Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit will be a lined pit as detailed in Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 11, 2004 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. Burlington Resources anticipates closing these pits according to the Drilling / Workover Pit Closure Procedure dated August 2, 2004 on file at the NMOCDD office.

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 Crystal Walker TITLE Regulatory Technician DATE 4/21/2008

Type or print name Crystal Walker E-mail address: crystal.walker@conocophillips.com Telephone No. 505-326-9837

For State Use Only

APPROVED BY [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE JUN 16 2008

Conditions of Approval (if any):



ENTERPRISE
FIELD
SERVICES LLC

KUTZ GATHERING SYSTEM

DWG. NO. KLB024-036-01

LINE CONOCOPHILLIPS CO. - BRUINGTON LS NO. 100S

WO NO.

FROM 0+00 = 19+64.42 ON CONOCOPHILLIPS CO. BRUINGTON NO. 3

RW NO.

DATE 3/28/08

(KLB024-012-01, R/W NO.)(MC NO. 71880)

SCALE 1" = 1000'

SURVEYED 3/15/08

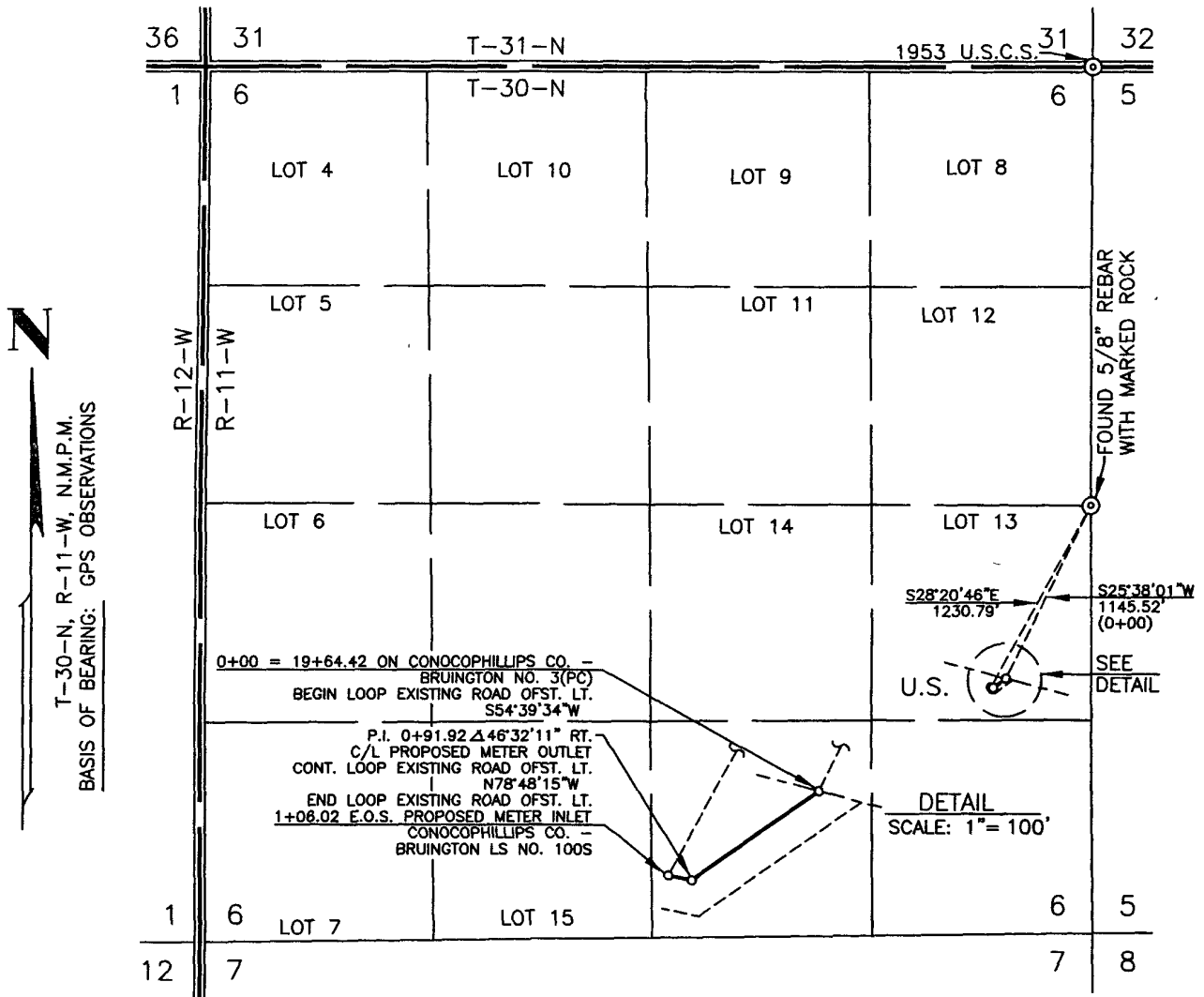
COUNTY SAN JUAN

STATE NEW MEXICO

SECTION 06

TOWNSHIP 30-N

RANGE 11-W, N.M.P.M.



DWN. BY MR CONSTR. COMMENCED APPL. DWG. SLACK CHAIN
CKD. BY MD CONSTR. COMPLETED DATE PIPE SIZE 4.50" O.D.

PRINT RECORD

PIPE DATA

METER STA. NO.

FC

1 PRELIM PROD 4/03/08

NOTE: WELL FLAG.
C/L SURVEY LOOPS PROPOSED PIPELINE REROUTE SURVEY.
WELL FLAG ON EXISTING LOCATION.
LOCATION NOT BUILT.

Preliminary

SUBDIVISION

OWNER

LESSEE

METER(S)

RODS

ACRE(S)

NE/4SE/4, SEC. 06

UNITED STATES

JOHNNY &/OR JACQUELYN TOM

6.425

0.147

FM24 (Rev. 1/99)

KLB024-036-01

COMPANY
Charge Code
WELL NAME
DUAL WELL
TRIPLE WELL

BURLINGTON RESOURCES		
WAN.RFE.PDO7.EK		
BRUINGTON LS # 100 S	DATE	2/14/2008
WELL NAME	BRUINGTON LS # 3	
WELL NAME		

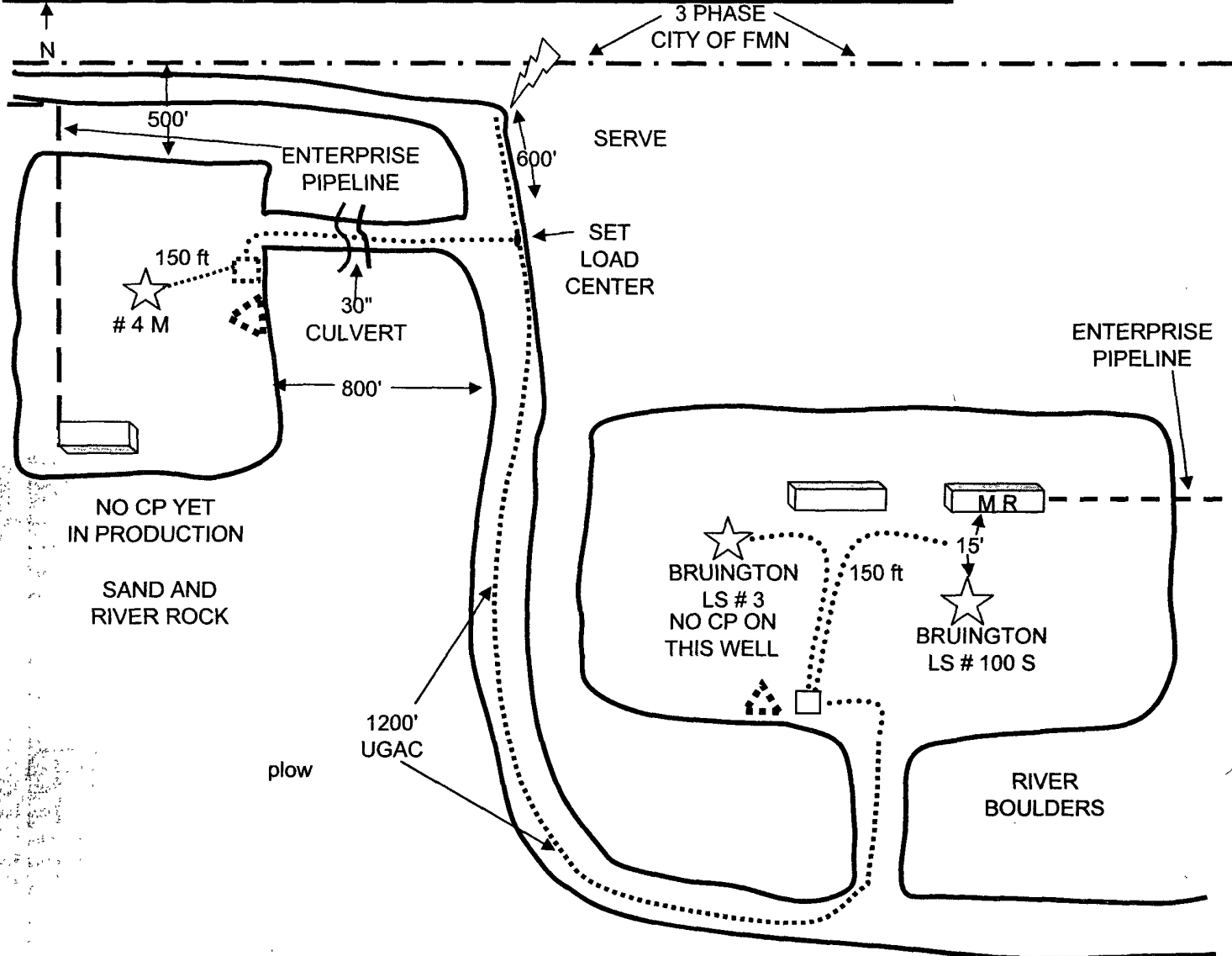
	SEC	TNSHP	RANGE		LATITUDE	LONGITUDE
COORDINATES	16	30 N	11 W		36 50.3046 N	108 01.4744 W

COUNTY	SAN JUAN
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	SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
<u>RECTIFIER</u>	40/16	x			
<u>SOLAR</u>					
<u>GROUND BED</u>		x			
<u>240 V METER POLE</u>	100 A	x			
<u>480 V METER POLE</u>		X			
<u>D C CABLES</u>	# 8	350 ft			
<u>A C CABLES</u>	# 8	1800 ft			
<u>PRIMARY POWER</u>				CITY OF FMN	
<u>DISTANCE TO POWER</u>					1200'
<u>UNDERGROUND</u>					
<u>PUMPJACK</u>					
<u>WATER PUMP</u>					

COMMENTS	install meter pole - plow 1800 ft ugac - install load center at entrance of
	Bruington LS 4 M - install dual rectifier system -
	NEED TO PLOW UGAC DUE TO RIVER BOULDERS ON HILL SIDE
	existing well # LS 3 does not have cp at this time

WELL NAME **BRUINGTON # 100 S**



TANK	SEP OR DEHY	SOLAR	METER POLE	PUMP JACK	GND/BED EXISTING CABLE
RECT	PIT	WELL	proposed solar/gb	PROPOSED CABLE	POWER LINE
			FOREIGN PL	CONOCO PL	

Directions from the Intersection of US Hwy 550 & State Hwy 574

in Aztec, New Mexico to Cosco Phillips Company Brumington L.S. #1006

1575' FSL & 660' FEL, Section 6, T30N, R11W, N.M.P.M., San Juan County, NM

Latitude : 35.83841°N Longitude : 108.02520°W Datum : NAD1983

From the intersection of US Hwy 550 & State Hwy 574 in Aztec, NM, travel Northerly on State Hwy 574 for 1.9 miles to fork in road;

Go left (South-westerly) for 1.1 miles to 4-way intersection;

Go left (South-westerly) @ 4-way intersection for 0.4 miles to fork in road;

Go left (Easterly) for 0.4 miles to fork in road;

Go right (Southerly) for 0.1 miles to new access on left-hand side of existing roadway which follows an unimproved roadway for 1100' to staked location which overlaps an existing wellpad.

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

BRUINGTON LS 100S

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7286		AFE \$: 231,898.51	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 580		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist: Phone:	
Geoscientist: Clark, Dave D		Phone: 505-326-9762		Prod. Engineer: Phone:	
Res. Engineer:		Phone:		Proj. Field Lead: Phone:	

Primary Objective (Zones):

Zone	Zone Name
JCV	BASIN FRUITLAND COAL (GAS)

Location: Surface		Datum Code: NAD 27		Straight Hole	
Latitude: 36.838407	Longitude: -108.024576	X:	Y:	Section: 06	Range: 011W
Footage X: 660 FEL	Footage Y: 1575 FSL	Elevation: 5872	(FT)	Township: 030N	
Tolerance:					

Location Type: Year Round	Start Date (Est.): 1/1/2009	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 5884	Units = FT
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Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	5764	<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	827	5057	<input type="checkbox"/>			
KIRTLAND	941	4943	<input type="checkbox"/>			
FRUITLAND	1744	4140	<input type="checkbox"/>	300		Gas
PICTURED CLIFFS	2304	3580	<input type="checkbox"/>			Gas
Total Depth	2504	3380	<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 385 cuft. Circulate cement to surface.

Reference Wells:

Reference Type	Well Name	Comments
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Logging Program:

Intermediate Logs:	<input type="checkbox"/> Log only if show	<input type="checkbox"/> GR/ILD	<input type="checkbox"/> Triple Combo
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TD Logs:	<input type="checkbox"/> Triple Combo	<input type="checkbox"/> Dipmeter	<input type="checkbox"/> RFT	<input type="checkbox"/> Sonic	<input type="checkbox"/> VSP	<input type="checkbox"/> TDT	<input checked="" type="checkbox"/> Other
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GR_CBL

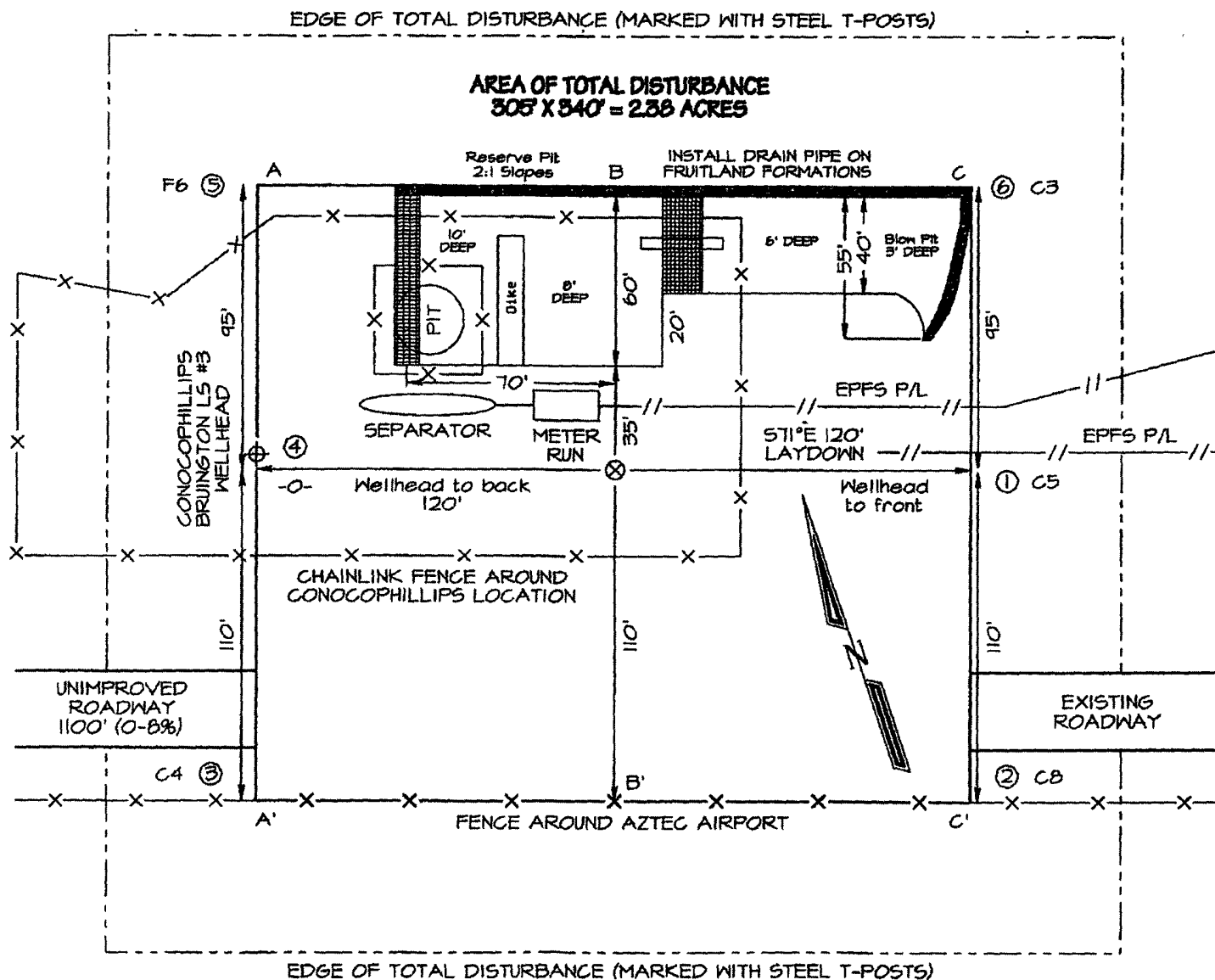
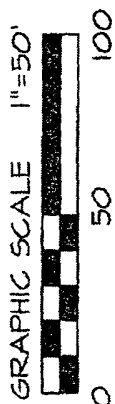
Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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CONOCOPHILLIPS COMPANY BRUINGTON LS #100S
1575' FSL & 660' FEL, SECTION 6, T30N, R11W, NMPM
SAN JUAN COUNTY, NEW MEXICO ELEVATION: 5872'

LATITUDE: 36°50.3046'N
 LONGITUDE: 108°01.4744'W
 DATUM: NAD1927

~ SURFACE OWNER ~
 Bureau of Land Management



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

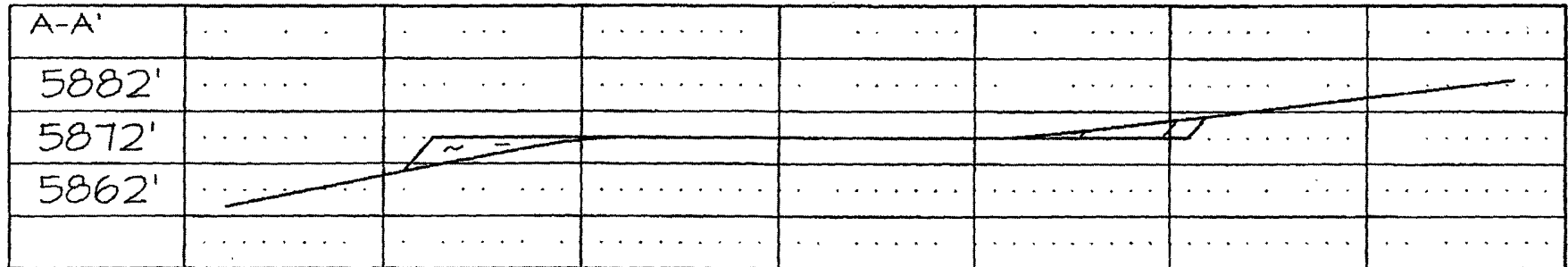
CONTRACTOR SHOULD CONTACT ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED UNDERGROUND UTILITIES OR PIPELINES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.

CONOCOPHILLIPS COMPANY BRUINGTON LS #100S
1575' FSL & 660' FEL, SECTION 6, T30N, R11W, NMPM
SAN JUAN COUNTY, NEW MEXICO ELEVATION: 5872'

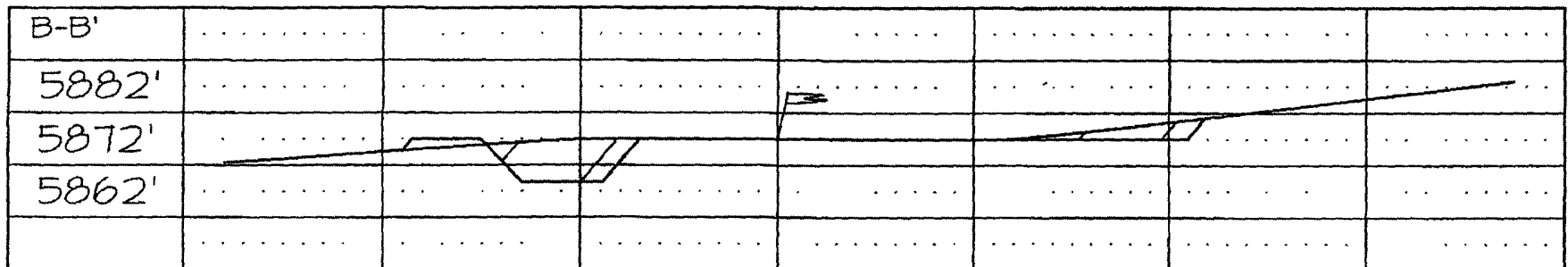
HORIZONTAL SCALE 1"=40'

C/L

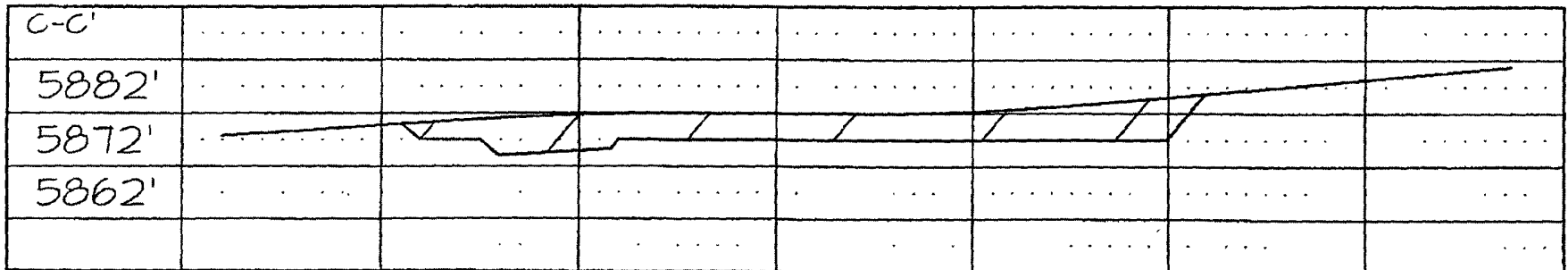
VERTICAL SCALE 1"=30'



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.