

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0136  
Expires February 28, 1995

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

<b>1a. TYPE OF WORK</b>  DRILL <input checked="" type="checkbox"/> — DEEPEN <input type="checkbox"/>		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> SF 078390A	
<b>b. TYPE OF WELL</b> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> — MULTIPLE ZONE <input type="checkbox"/>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b>  	
<b>2. NAME OF OPERATOR</b> Conoco Inc.		<b>7. UNIT AGREEMENT NAME</b>  	
<b>3. ADDRESS AND TELEPHONE NO.</b> 10 Desta Drive, Suite 649W, Midland, TX 79704 915/686-9515		<b>8. FARM OR LEASE NAME WELL NO.</b> Price #5	
<b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements*)</b> At surface 755 FSL & 790 FEL At proposed prod. Zone 755 FSL & 790 FEL		<b>9. API WELL NO.</b> 30-045-30252	
<b>14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*</b>  		<b>10. FIELD AND POOL, OR WILDCAT</b> Basin Dakota	
<b>13. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.</b> (Also to nearest dry. Unit line, if any)		<b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> Sec. 12, T28N, R8W	
<b>18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.</b>		<b>12. COUNTY OR PARISH</b> San Juan	
<b>21. ELEVATIONS (Show whether DF, RT, GR, etc.)</b> 6412' —		<b>13. STATE</b> NM	
<b>15. NO. OF ACRES IN LEASE</b> 640 +/-		<b>17. NO. OF ACRES ASSIGNED TO THIS WELL</b> 327.87	
<b>19. PROPOSED</b> 7545'		<b>20. ROTARY OR CABLE TOOLS</b> Rotary	
<b>22. APPROX. DATE WORK WILL START</b> 6/1/00			

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/2"	J-55; 9-5/8"	36#	250 +/-	145 sxs, circ.
8-3/4"	J-55; 7"	20#	3388'	360 sxs, circ.
6-1/4"	J-55, 4 1/2"	10.5#	7545' -	420sxs, TOC @ 3188'

It is proposed to drill a vertical wellbore to the Basin Dakota Pool. An NOS was filed 03/10/00. The well will be drilled and equipped according to the following additional attachments:

1. Well Location & Acreage Dedication Plat (C-102).
2. Proposed Well Plan Outline.
3. Cementing Plan.
4. Blowout Preventer Hookup.
5. Surface Use Plan.
6. Production Facility Layout.
7. Temporary pipeline tie-in specifications.

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

DRILLING OPERATIONS AND LOGGING ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

This application includes ROW's for the well pad, cathodic protection and pipeline.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED John Johnson TITLE Sr. Property Analyst DATE 06/09/00  
(This space for Federal or State office Use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE 10/2/00

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 10/2/00

\*See Instructions On Reverse Side

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 representations as to any matter within its jurisdiction.

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
PO Drawer 08, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 21, 1994  
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 30-045-30252		*Pool Code 71599 -	*Pool Name BASIN DAKOTA -
*Property Code 16064	*Property Name PRICE		*Well Number 5
*OSRID No. 005073	*Operator Name CONOCO, INC.		*Elevation 5412 -

#### <sup>10</sup> Surface Location

U. or Sec. No.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
P	12	28N	8W		755	SOUTH	790	EAST	SAN JUAN

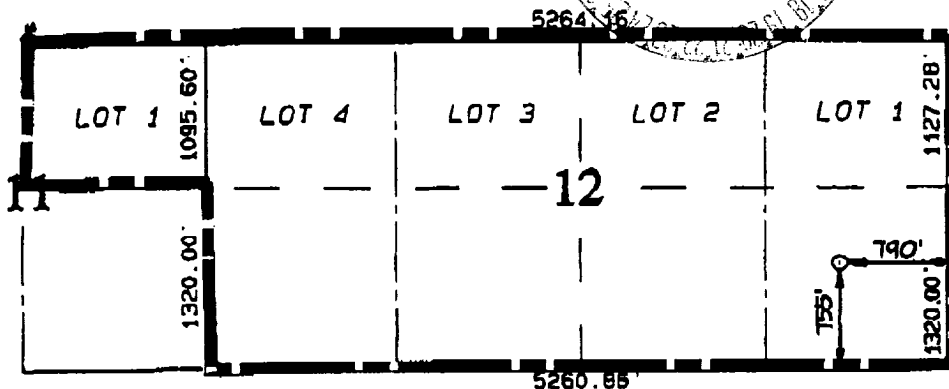
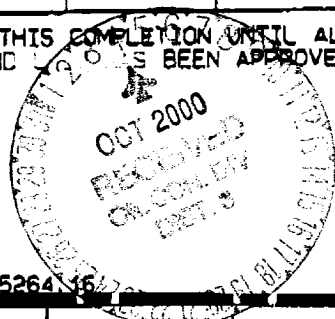
#### <sup>11</sup> Bottom Hole Location If Different From Surface

U. or Sec. No.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County

*Dedicated Acreage 327.87 ACRES -	*Joint or Infill I	*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 HAS BEEN APPROVED BY THE DIVISION

ca sec 2096  
Order R-1814  
NSPU # 28  
All of sec 12  
and Lot 1 of  
sec 11



#### <sup>12</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*JoAnn Johnson*  
Signature  
JoAnn Johnson  
Printed Name  
Sr. Property Analyst  
Title  
6-9-00  
Date

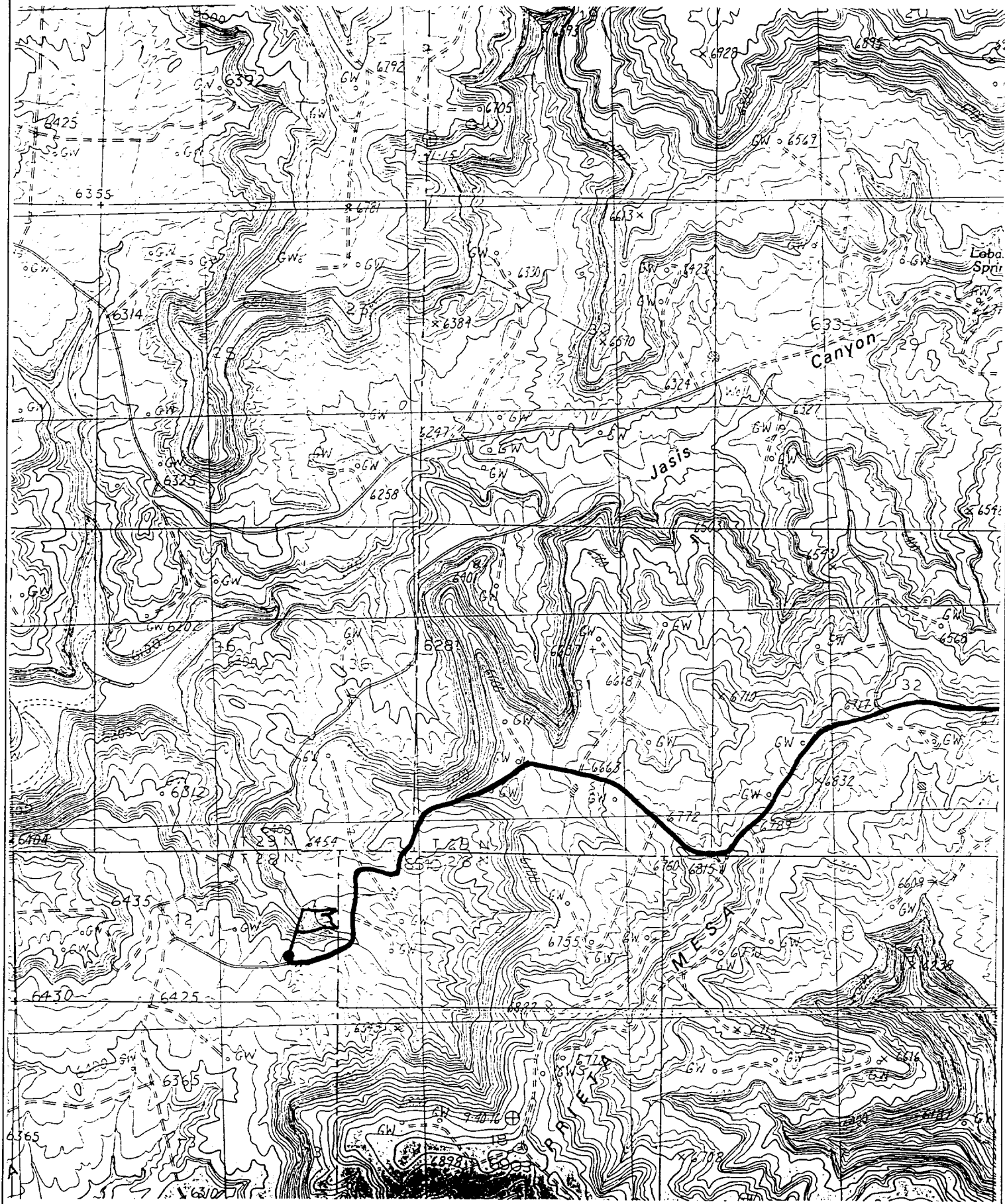
#### <sup>13</sup> SURVEYOR CERTIFICATION

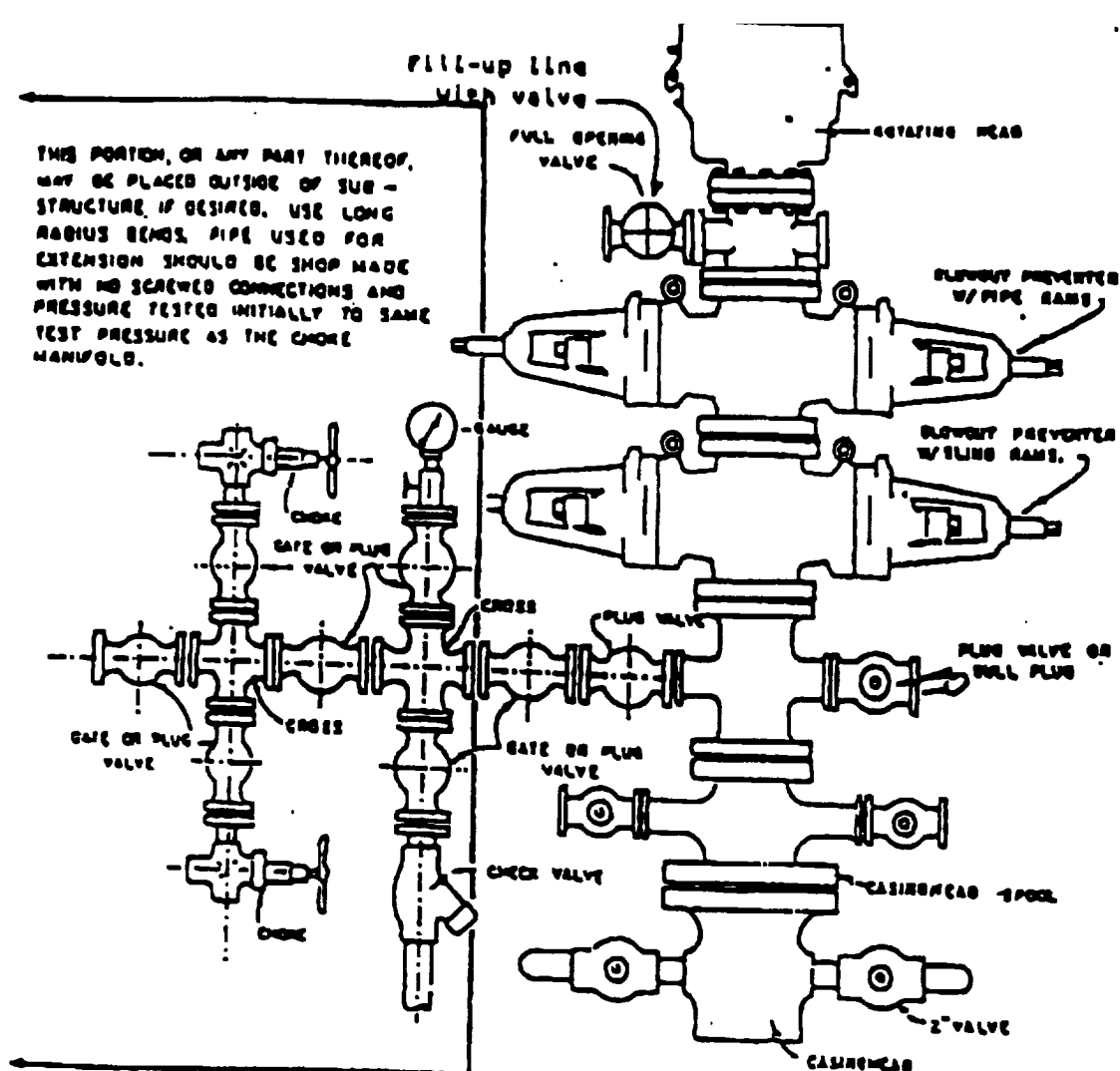
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.

MARCH 10, 2000  
Date of Survey  
Signature and Seal  
  
Certificate Number 6857

CONOCO, INC. PRICE #5

755' FSL & 790' FEL, SECTION 12, T28N, R8W, N.M.P.M.  
SAN JUAN COUNTY, NEW MEXICO





### BLOWOUT PREVENTER HOOKUP

Drilling contractors used in the San Juan Basing supply 3000 psi equipment, but cannot provide annular preventors because of sub-structure limitations. Maximum anticipated surface pressures for this well will not exceed the working pressure of the proposed BOP system. Please see the attached BOP diagram details 2000 psi equipment according to Onshore Order No. 2 even though the equipment will test to 3000 psi. The 2000 psi system allows deletion of the annular preventor and fulfills your requirements (note diagram No. 1). In addition, the following equipment will comprise the 2000 psi system:

1. Two rams with one blind and one pipe ram.
2. Kill line (2 inch maximum).
3. One kill line valve.
4. One choke line valve.
5. Two chokes (reference diagram No. 1).
6. Upper kelly cock valve with handle.
7. Safety valve and subs to fit all drill strings in use.
8. Two-inch minimum choke line.
9. Pressure gauge on choke manifold.
10. Fill-up line above the upper most preventor.
11. Rotating head.

# Cathodic Protection System Description

<b>Anode Bed Type</b>	Deep Well	
<b>Hole Size</b>	8"	
<b>Hole Depth</b>	200' - 500'	As required to place anodes below moisture and in low resistance strata.
<b>Surface Casing</b>	8" Diam., $\geq$ 20' Length. Cemented In Annular Space	When needed, casing will be installed at an adequate depth to control ground water flow. Casing will extend a minimum of 2' above grade, be surrounded by a concrete pad, and sealed with a PVC cap. Steel casing will be substituted when boulders are encountered.
<b>Vent Pipe</b>	1" Diam. PVC	Vent pipe will extend from bottom of hole, through top of casing cap, and sealed with a 1" perforated PVC cap.
<b>Type Of Anodes</b>	Cast Iron Or Graphite	
<b>Number Of Anodes</b>	8 - 20	Sufficient quantity to achieve a total anode bed resistance of $< 1$ ohm and a design life $\geq$ 20 years.
<b>Anode Bed Backfill</b>	Loresco SW Calcined Petroleum Coke Breeze	Installed from bottom of hole to 10' above top anode.
<b>Anode Junction Box</b>	8 - 20 Circuit Fiberglass Or Metal	Sealed to prevent insect & rodent intrusion.
<b>Current Splitter Box</b>	2 - 5 Circuit Metal	Sealed to prevent insect & rodent intrusion.
<b>DC / AC Cable</b>	DC: #2, #4, #6, #8 Stranded Copper (One Size Or Any Combination Of) With High Molecular Weight Polyethylene (HMWPE) Insulation.  AC: #8 Stranded Copper HMWPE	18" depth in typical situation, 24" depth in roadway, & 36" depth in arroyo's and streams. EXCEPTION: If trenching is in extremely hard substratum, depth will be 8 - 12" with cable installed in conduit.  Installed above foreign pipelines if 1' clearance is available, if not, installed under foreign pipeline with 1' clearance (AC cable always installed under foreign pipeline in conduit).
<b>Power Source</b>	1) Rectifier 2) Solar Power Unit 3) Thermoelectric Generator	Choice of power source depending on availability of AC & other economic factors.
<b>External Painting</b>	Color to be selected according to BLM specifications.	Paint applied to any surface equipment associated with the CP system which can reasonably be painted.