

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-1220  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

**HOBBS OCD**

**JAN 28 2013**

**RECEIVED**

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 August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number <b>30-025-40939</b>	Pool Code <b>22800</b>	Pool Name <b>Eumont Yates TR Qn (O:1)</b>
Property Code <b>27941</b>	Property Name <b>EAST EUMONT UNIT</b>	Well Number <b>203</b>
OGRID No. <b>192463</b>	Operator Name <b>OXY USA WTP LIMITED PARTNERSHIP</b>	Elevation <b>3674.3'</b>

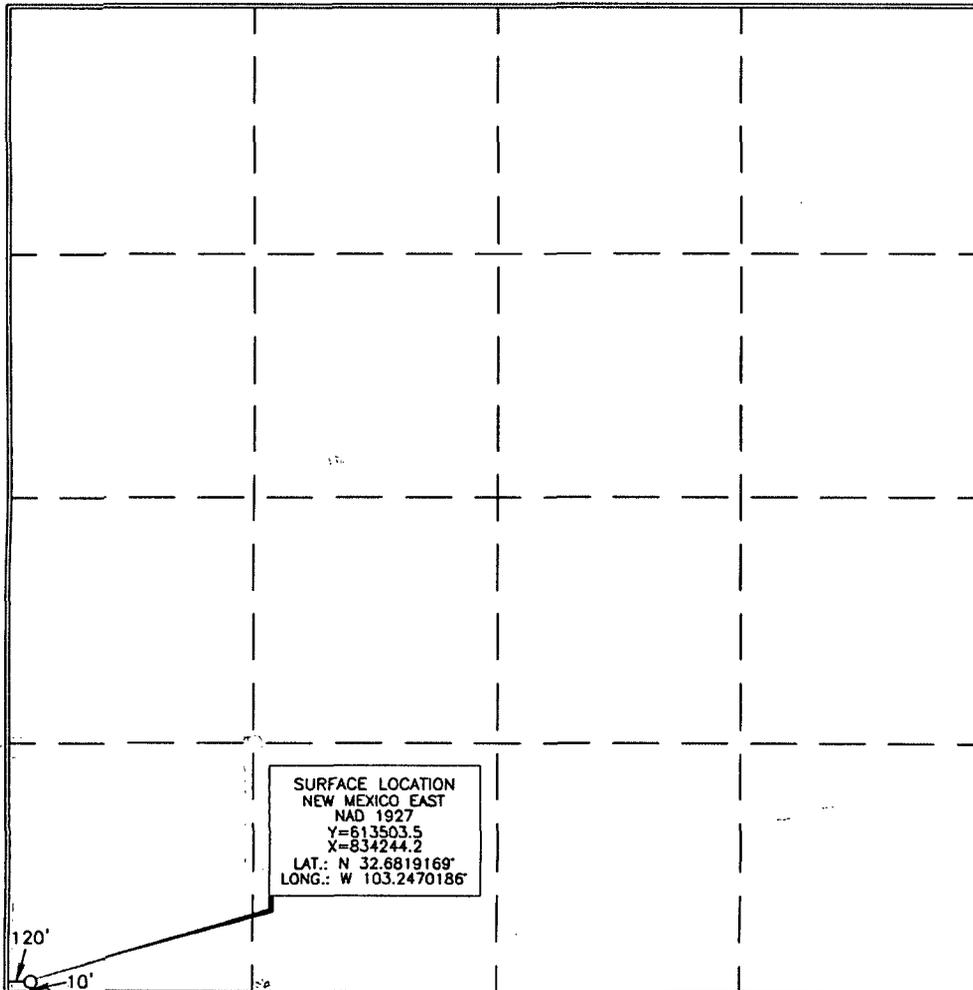
**Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>M</b>	<b>3</b>	<b>19 SOUTH</b>	<b>37 EAST, N.M.P.M.</b>		<b>10'</b>	<b>SOUTH</b>	<b>120'</b>	<b>WEST</b>	<b>LEA</b>

**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
Dedicated Acres <b>40</b>		Joint or Infill <b>Y</b>	Consolidation Code	Order No. <b>R-2894</b>					

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 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.

*[Signature]* **1/23/13**  
Signature Date

**David Stewart Reg. Adv.**  
Printed Name

**david.stewart@oxy.com**  
E-mail Address

**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.

**JAN 28 2013**  
Date of Survey

*[Signature]*  
Signature and Seal of Professional Surveyor

**15079**  
Certificate Number

Operator Name/Number: OXY USA WTP LP 192463  
 Lease Name/Number: East Eumont Unit #203 27941 Fee  
 Pool Name/Number: Eumont Yates 7R Qn (Oil) 22800  
 Surface Location: 10 FSL 120 FWL M Sec 3 T19S R37E

C-102 Plats: 1/10/13 1/11/13 1/14/13 Elevation: 3674.3' GL

Proposed TD: 4100' TVD  
 Lat: 32.6819169 Long: 103.2470186 X= 834244.2 Y= 613503.5 NAD - 1927

**Casing Program:**

<u>Hole Size</u>	<u>Interval</u>	<u>OD Csg</u>	<u>Weight</u>	<u>Collar</u>	<u>Grade</u>	<u>Condition</u>	<u>Collapse Design Factor</u>	<u>Burst Design Factor</u>	<u>Tension Design Factor</u>
11"	0-1620'	8-5/8"	24	ST&C	J-55	New	2.51	2.14	11.24
				Hole filled with 8.4# Mud			1370#	2950#	
7-7/8"	0-4100'	5-1/2"	17	LT&C	J-55	New	2.4	3.25	4.15
				Hole filled with 9.6# Mud			4910#	5320#	

Collapse and burst loads calculated using Stress Check with anticipated loads

**Cement Program:**

- a. 8-5/8" Surface Circulate cement to surface w/ 450sx PP cmt w/ 4% Bentonite + 1% CaCl2 + .125#/sx Poly-E-Flake, 13.5ppg 1.73 yield 810# 24hr CS 150% Excess followed by 200sx PP cmt w/ 1% CaCl2, 14.8ppg 1.34 yield 2500# 24hr CS 150% Excess
- b. 5-1/2" Production Cement w/ 470sx IFH w/ 3#/sx Kol-Seal + .2% HR-601 + .25#/sx D-Air 5000 + .125 #/sx Poly-E-Flake, 11.9ppg 2.47 yield 426# 24hr (574# 48hr) CS 150% Excess followed by 130sx PP cmt w/ 0.5 Halad R-344 + 0.3% CFR 3 + .2% WellLife 734 + 5#/sx Microbond + .3% Econolite, 14.2ppg 1.55 yield 1914# 24hr CS 75% Excess

**Description of Cement Additives:** Calcium Chloride (Accelerator), WellLife-734 (Cement Enhancer), D-Air 5000 (Defoamer), CFR-3 (Dispersant), Microbond (Expander), Bentonite, Econolite (Light Weight Additive), Kol-Seal, Poly-E-Flake (Lost Circulation Additive), Halad R-344 (Low Fluid Loss Control), HR-601 (Retarder).

**Proposed Mud Circulation System:**

<u>Depth</u>	<u>Mud Wt.</u> <u>ppg</u>	<u>Visc</u> <u>sec</u>	<u>Fluid Loss</u>	<u>Type System</u>
0 - 1620'	8.4-8.8	27-38	NC	Fresh Water/Spud Mud
1620 - 4100'	9.6-10.0	28-40	10 - 20	Brine Water/salt Gel

Pump high viscosity sweeps as needed for hole cleaning. The mud system will be monitored visually/manually as well as with an electronic PVT. The necessary mud products for additional weight and fluid loss control will be on location at all times.

**BOP Program (1):**

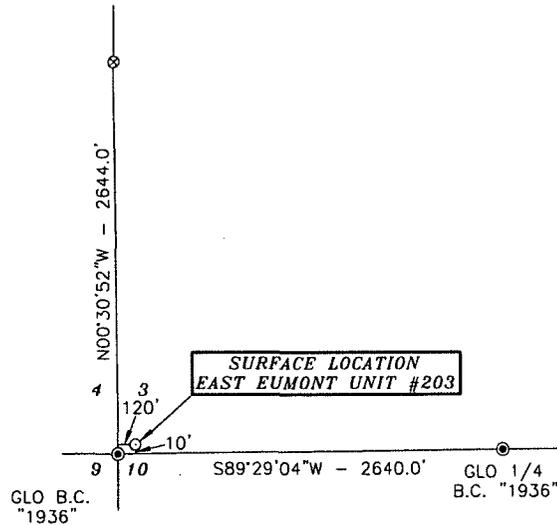
Surface None  
 Production 11" X 5M two ram stack, 11" X 3M Annular, 5M Choke Manifold

**Estimated Tops of Geological Markers & Depths of Anticipated Fresh Water, Oil or Gas:**

<u>Geological Marker</u>	<u>Depth</u>
a. Rustler	1591'
b. Top Salado/Salt	1721'
c. Bottom Salt	2706'
d. Yates	2831'
e. Seven Rivers	3101'
f. Queen	3641'
g. Penrose	3901'
h. Grayburg	4100'

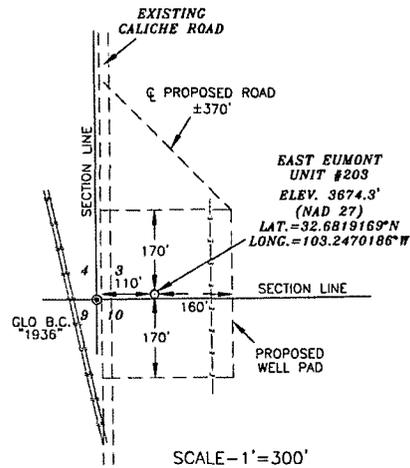
Based on the NMOSE nearby water wells have been drilled to a depth of less than 180'. Based on offset wells casing programs the surface casing set @ 1620' should cover any possible fresh water zones above the Salado.

SECTION 3, TOWNSHIP 19 SOUTH, RANGE 37 EAST, N.M.P.M.,  
LEA COUNTY NEW MEXICO



Basis of Bearings - CPS Geodetic Measurements  
 NM East Zone (83) North American Datum of 1983

DRIVING DIRECTIONS:  
 BEGINNING IN HOBBS AT THE  
 INTERSECTION OF U.S. HWY.  
 #62/180 AND WEST COUNTY ROAD,  
 GO WEST ON U.S. HWY. #62/180  
 FOR 4.0 MILES, TURN LEFT ON  
 CALICHE ROAD AND GO SOUTH FOR  
 1.0 MILES, TURN LEFT ON  
 PROPOSED ROAD AND GO  
 SOUTHEAST FOR ±370 FEET TO  
 LOCATION.



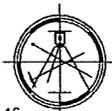
**SURVEYORS CERTIFICATE**

I, TERRY J. ASEL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 15079, DO HEREBY CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE "MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO" AS ADOPTED BY THE NEW MEXICO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND SURVEYORS.

*Terry J. Asel* 1/11/2013  
 Terry J. Asel, P.M., R.P.L.S. No. 15079

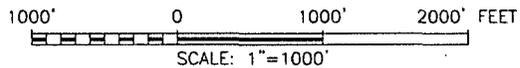
Asel Surveying

P.O. BOX 393 - 310 W. TAYLOR  
 HOBBS, NEW MEXICO - 575-393-9146



**LEGEND**

- ⊙ - DENOTES FOUND MONUMENT AS NOTED
- ⊗ - DENOTES CALCULATED CORNER

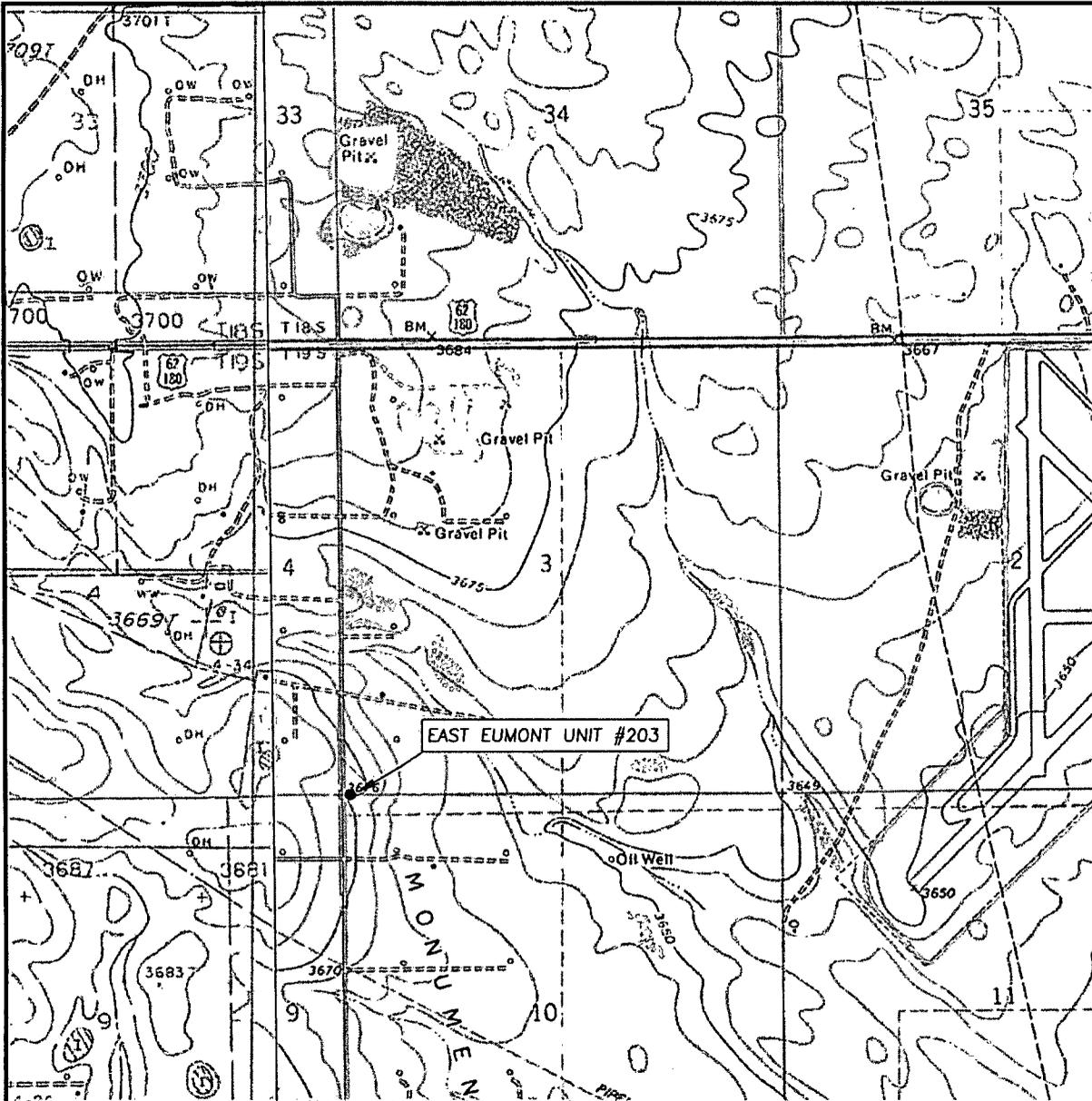


**OXY USA WTP LP**

EAST EUMONT UNIT #203 LOCATED AT  
 10' FSL & 120' FWL IN SECTION 3,  
 TOWNSHIP 19 SOUTH, RANGE 37 EAST,  
 N.M.P.M., LEA COUNTY, NEW MEXICO

Survey Date: 01/10/13	Sheet 1 of 1 Sheets
W.O. Number: 120906WL-c (Rev. B)	Drawn By: KA Rev: B
Date: 01/11/13	120906WL-c Scale: 1"=1000'

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'

SEC. 3 TWP. 19-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 10' FSL & 120' FWL

ELEVATION 3674.3'

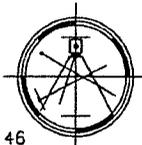
OPERATOR OXY USA WTP LP

LEASE EAST EUMONT UNIT #203

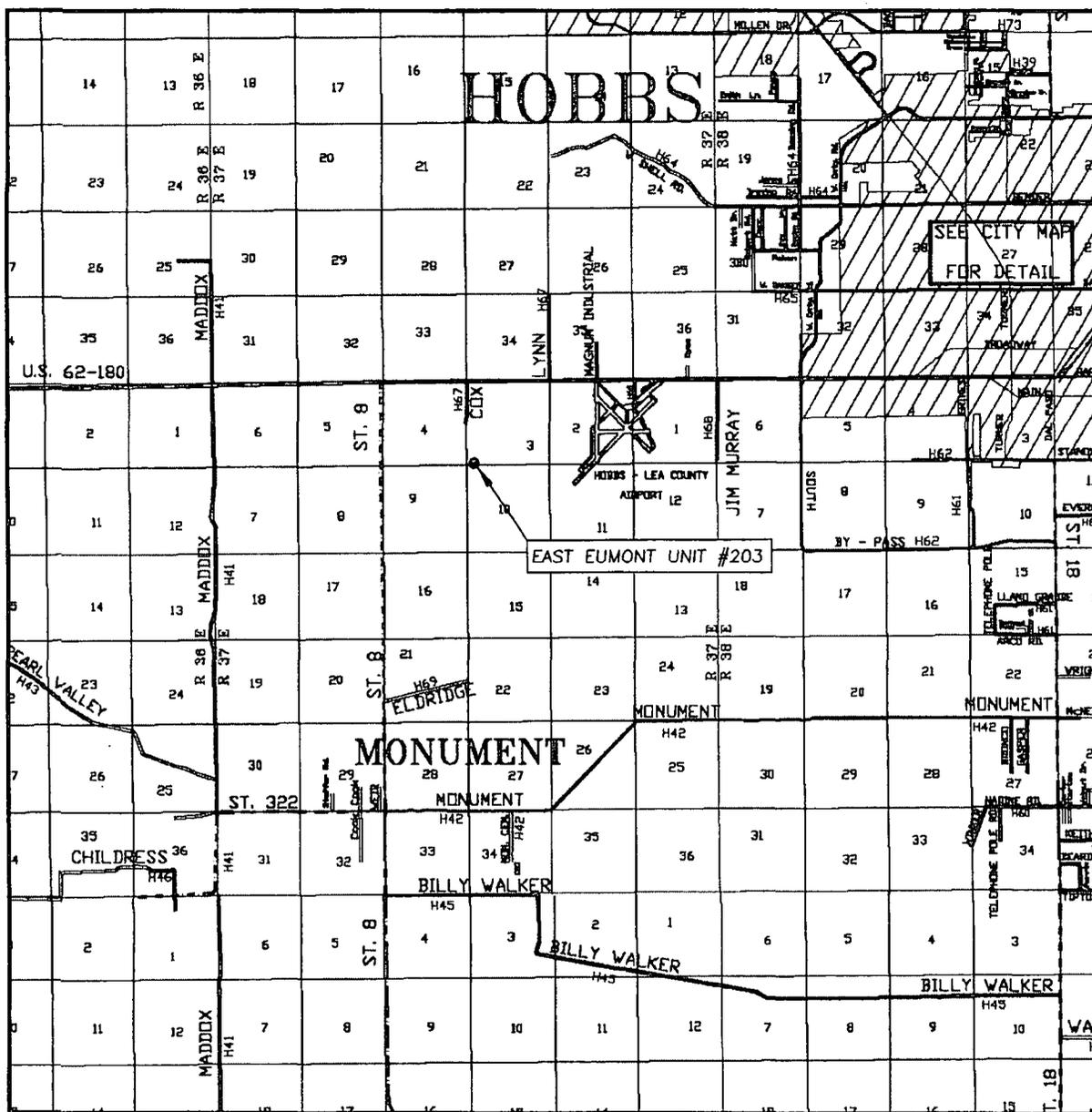
U.S.G.S. TOPOGRAPHIC MAP  
HOBBS WEST, N.M.

Asel Surveying

P.O. BOX 393 - 310 W. TAYLOR  
HOBBS, NEW MEXICO - 575-393-9146



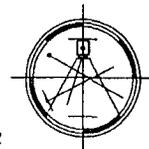
# VICINITY MAP



SEC. 3 TWP. 19-S RGE. 37-E  
 SURVEY N.M.P.M.  
 COUNTY LEA  
 DESCRIPTION 10' FSL & 120' FWL  
 ELEVATION 3674.3'  
 OPERATOR OXY USA WTP LP  
 LEASE EAST EUMONT UNIT #203

SCALE: 1" = 2 MILES

Asel Surveying

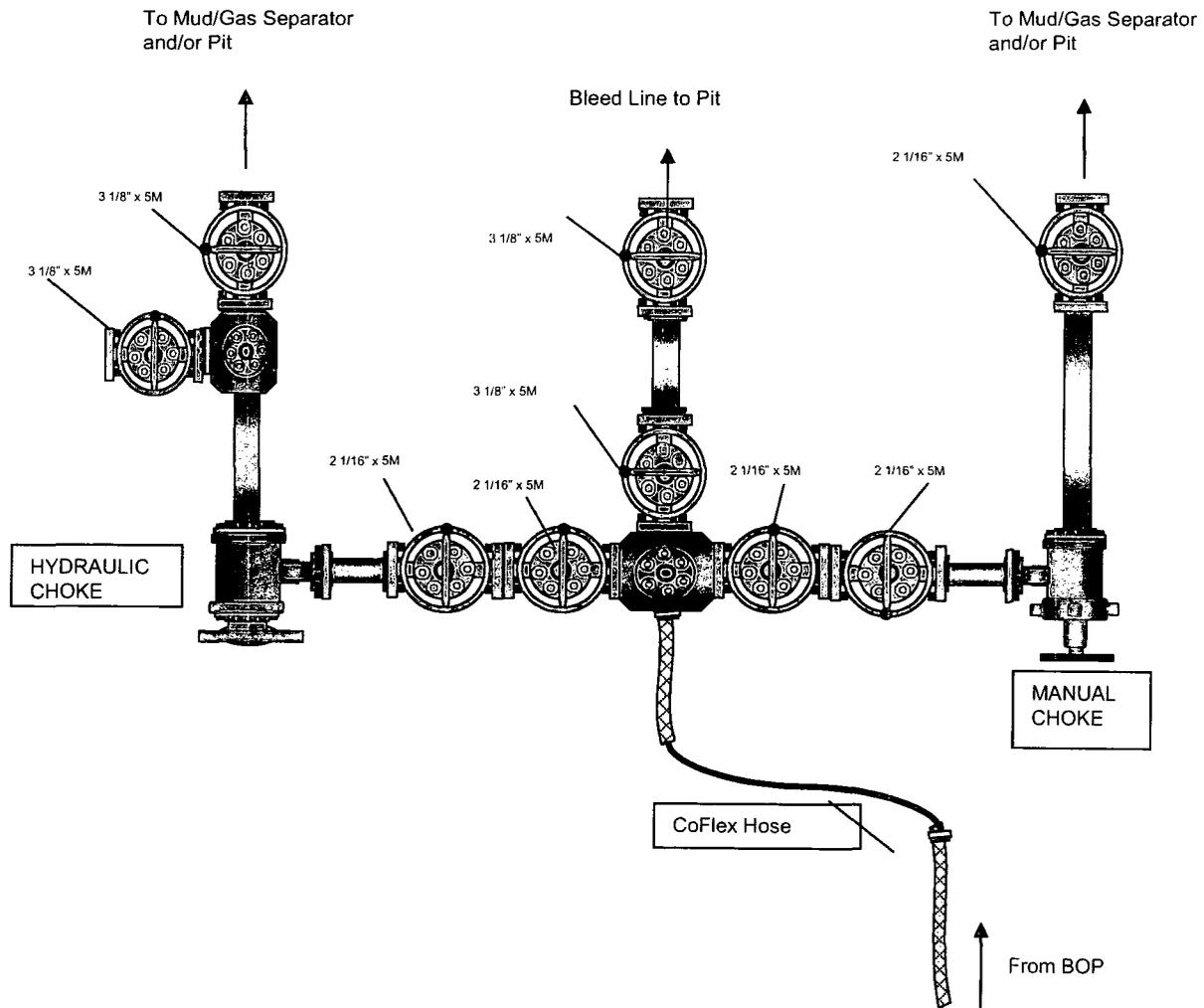


P.O. BOX 393 - 310 W. TAYLOR  
 HOBBS, NEW MEXICO - 575-393-9146

DIRECTIONS BEGINNING IN HOBBS AT THE INTERSECTION OF U.S. HWY. #62/180 AND WEST COUNTY ROAD, GO WEST ON U.S. HWY. #62/180 FOR 4.0 MILES, TURN LEFT ON CALICHE ROAD AND GO SOUTH FOR 1.0 MILES, TURN LEFT ON PROPOSED ROAD AND GO SOUTHEAST FOR 370 FEET TO LOCATION.



# 5M CHOKE MANIFOLD CONFIGURATION



# 5M REMOTE KILL LINE SCHEMATIC

