

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) 748-9720
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
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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 30-025-40937	Pool Code 22800	Pool Name Eumont Yates TR On (O:1)
Property Code 27941	Property Name EAST EUMONT UNIT	Well Number 201
OGRID No. 192463	Operator Name OXY USA WTP LIMITED PARTNERSHIP	Elevation 3669.6'

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	3	19 SOUTH	37 EAST, N.M.P.M.		1310'	SOUTH	45'	WEST	LEA

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 40		Joint or Infill Y	Consolidation Code	Order No. R-2894					

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.

	<p>OPERATOR CERTIFICATION</p> <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>Signature: <u>David Stewart</u> Date: <u>1/23/13</u></p> <p>Printed Name: <u>David Stewart Reg. A.C.O.</u></p> <p>E-mail Address: <u>david.stewart@oxy.com</u></p>
	<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of legal 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: <u>JANUARY 18, 2013</u></p> <p>Signature and Seal of Professional Surveyor: <u>Tony J. Paul</u> 1/22/2013</p> <p>Certificate Number: <u>15079</u></p> <p>Professional Land Surveyor</p>

WO# 120906WL-a (Rev. B) (KA)

EGG 1-29-2013

Operator Name/Number:	OXY USA WTP LP	192463
Lease Name/Number:	East Eumont Unit #201	27941 Fee
Pool Name/Number:	Eumont Yates 7R Qn (Oil)	22800
Surface Location:	1310 FSL 45 FWL M Sec 3 T19S R37E	

C-102 Plats: 1/18/13 1/22/13 1/23/13 Elevation: 3669.6' GL

Proposed TD: 4100' TVD

Lat: 32.6854901 Long: 103.2472568 X= 834157.6 Y= 614802.8 NAD - 1927

Casing Program:

Hole Size	Interval	OD Csg	Weight	Collar	Grade	Condition	Collapse Design Factor	Burst Design Factor	Tension Design Factor
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:

- 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
- 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:

Depth	Mud Wt. ppg	Visc sec	Fluid Loss	Type System
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):

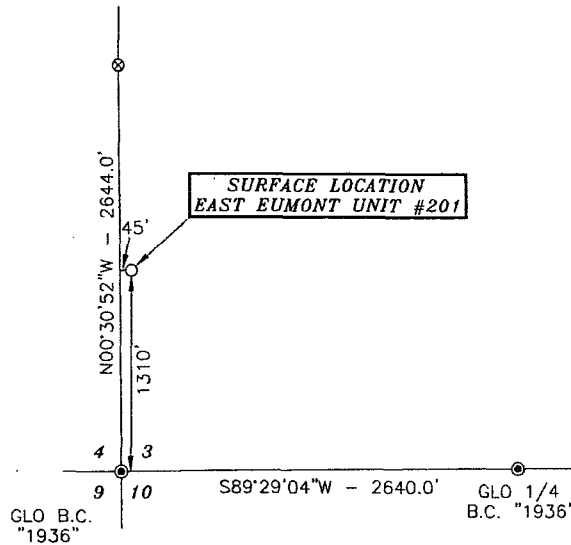
Surface None
Production 11" X 5M two ram stack, 11" X 3M Annular, 5M Choke Manifold

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

Geological Marker	Depth
a. Rustler	1586'
b. Top Salado/Salt	1711'
c. Bottom Salt	2936'
d. Yates	2811'
e. Seven Rivers	3081'
f. Queen	3626'
g. Penrose	3891'
h. Grayburg	4100'

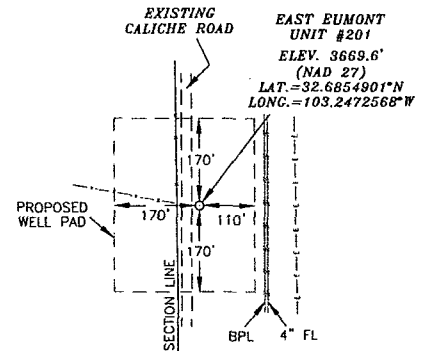
Based on the NMOSE nearby water wells have been drilled to a depth of less than 180'. Based on offset wells casing programs the surface casing set @ 1620' should cover any possible fresh water zones above the Salado.

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



Basis of Bearings - GPS 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
0.8 MILES TO LOCATION.



SCALE - 1" = 300'



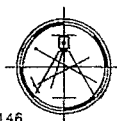
SURVEYORS CERTIFICATE

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 1/22/2013
Terry J. Asel, N.M. R.P.L.S. No. 15079

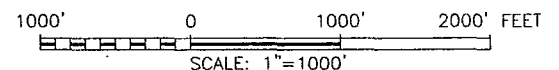
Asel Surveying

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



LEGEND

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

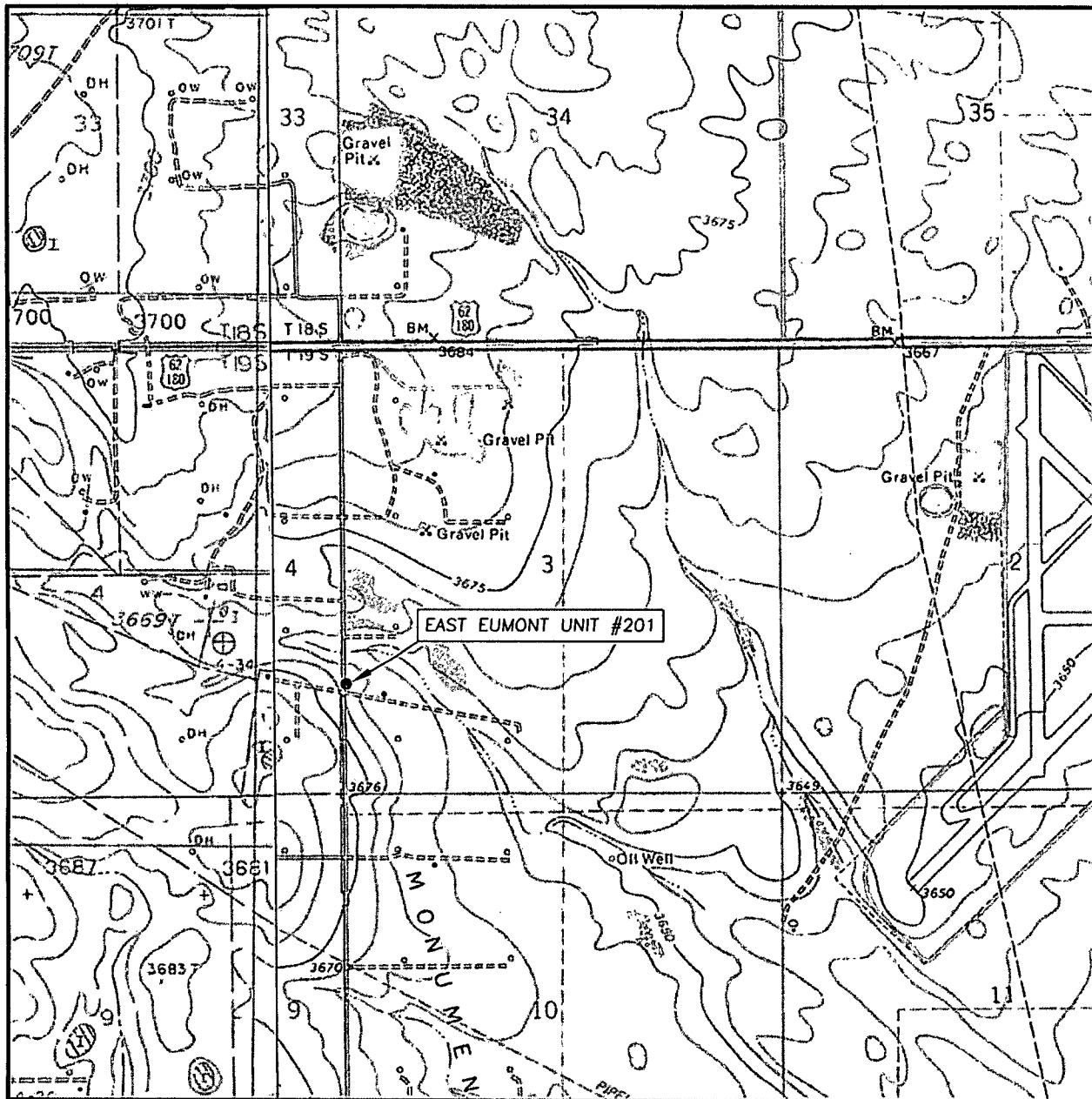


OXY USA WTP LP

EAST EUMONT UNIT #201 LOCATED AT
1310' FSL & 45' FWL IN SECTION 3,
TOWNSHIP 19 SOUTH, RANGE 37 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO

Survey Date: 01/18/13	Sheet 1 of 1 Sheets
W.O. Number: 120906WL-a (Rev. B)	Drawn By: KA Rev: B
Date: 01/21/13	120906WL-a 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 1310' FSL & 45' FWL

ELEVATION 3669.6'

OPERATOR OXY USA WTP LP

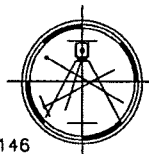
LEASE EAST EUMONT UNIT #201

U.S.G.S. TOPOGRAPHIC MAP

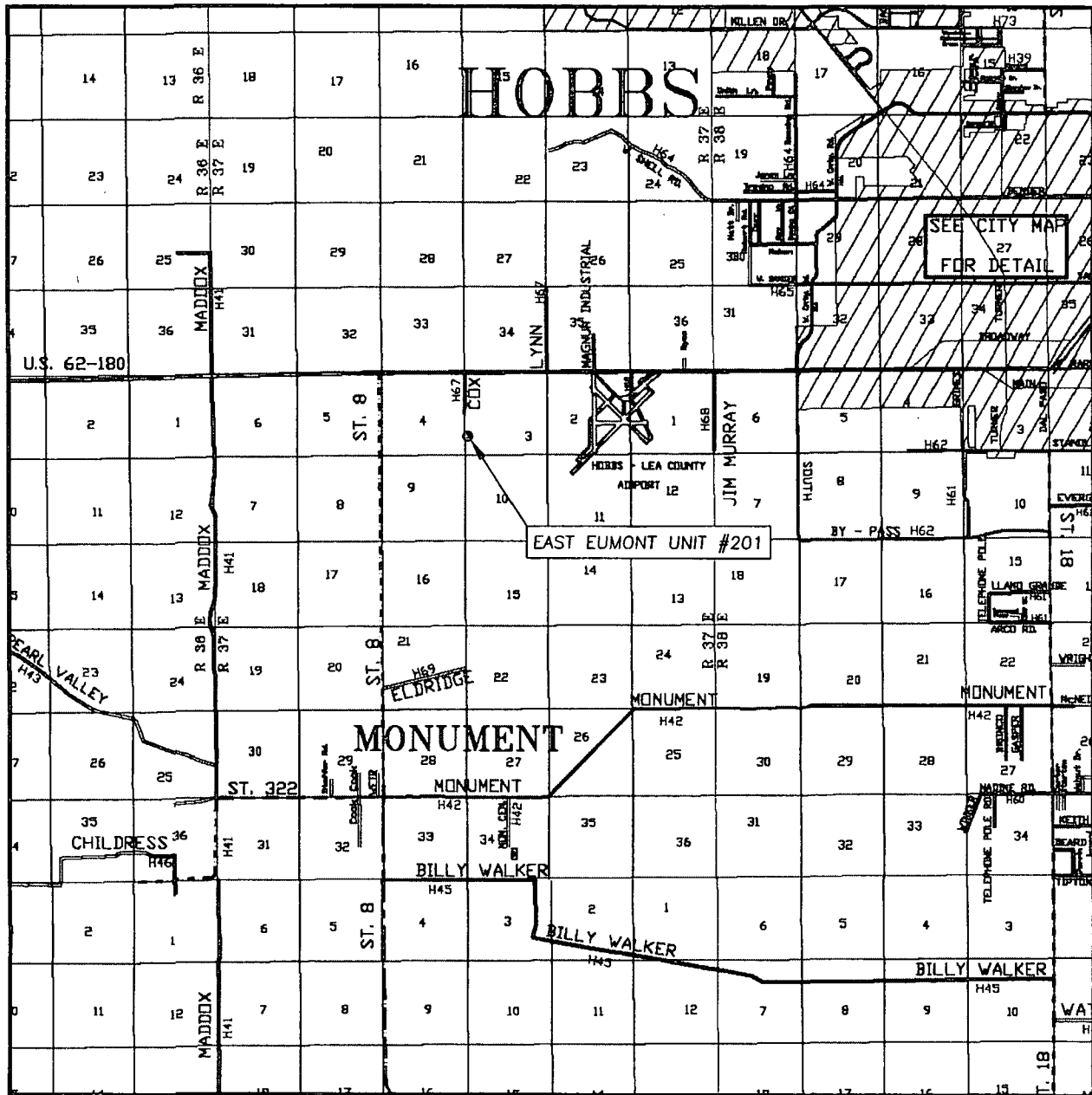
HOBBS WEST, N.M.

Asel Surveying

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



VICINITY MAP

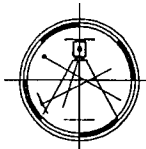


SEC. 3 TWP. 19-S RGE. 37-E
 SURVEY N.M.P.M.
 COUNTY LEA
 DESCRIPTION 1310' FSL & 45' FWL
 ELEVATION 3669.6'
 OPERATOR OXY USA WTP LP
 LEASE EAST EUMONT UNIT #201

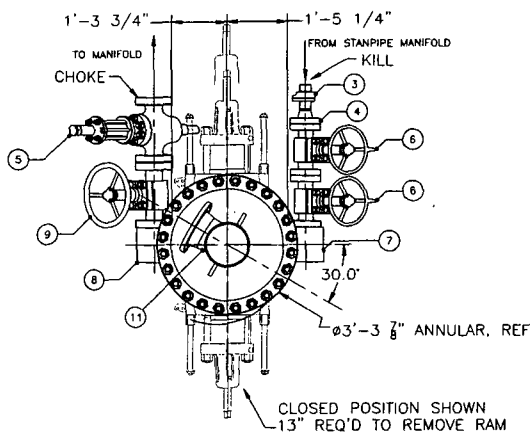
SCALE: 1" = 2 MILES

Asel Surveying

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



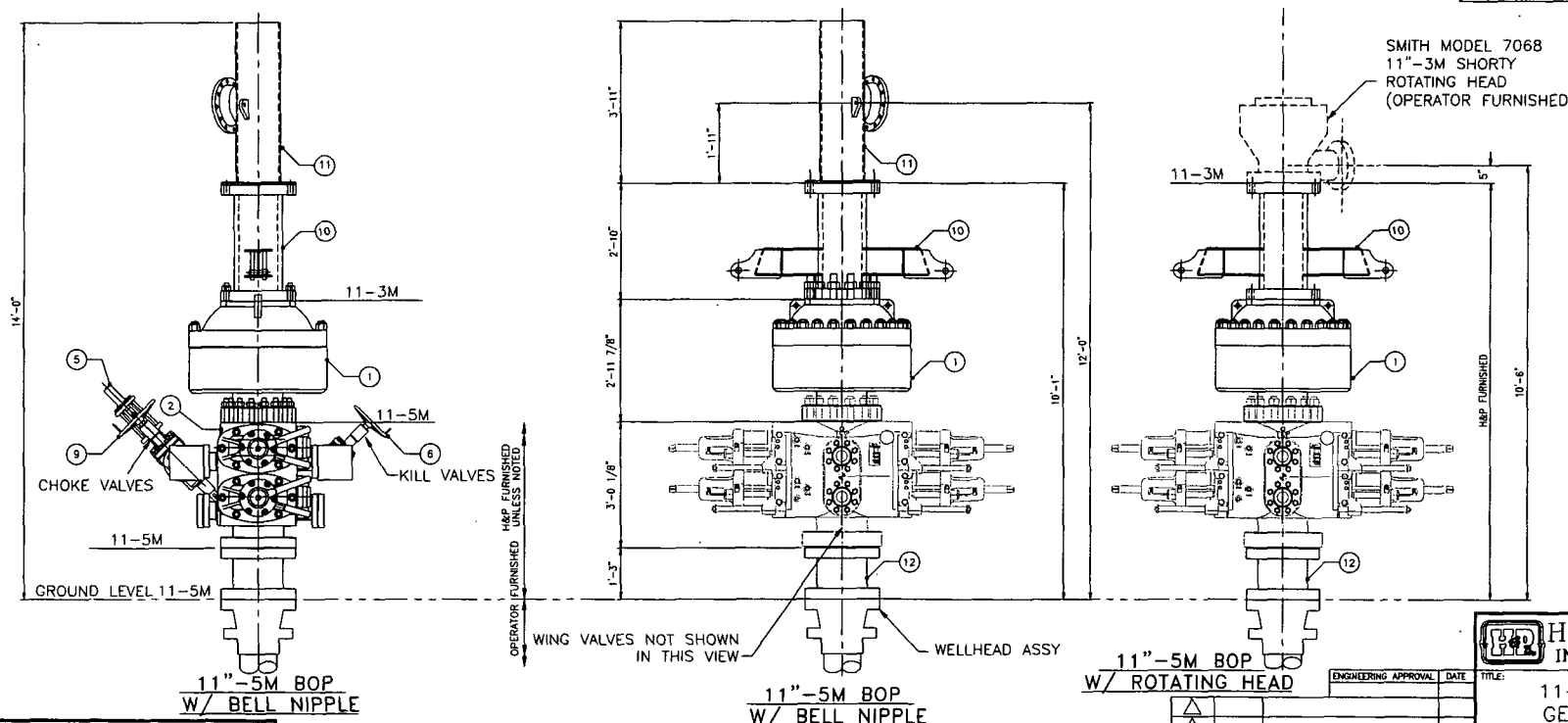
DIRECTIONS BEGINNING IN HOBBS AT THE INTERSECTION OF U.S. HWY. #62/180 AND WEST COUNTY ROAD, GO WEST ON U.S. HWY. #62/180 FOR 4.0 MILES, TURN LEFT ON CALICHE ROAD AND GO SOUTH FOR 0.8 MILES TO LOCATION.



COMPONENT	FLANGE SIZE & RATING	BOLT SIZE	PROPER TORQUE FOR BOLTS	
			TORQUE CF=0.07	(FT/LBS) CF=0.13
SPOOLS, ANNULAR & RAMS	11"x5M	1 7/8" DIA.	1890	3330
BLOCKS	3 1/8x5M	1 1/8" DIA.	401	686
CHOKE VALVES	3 1/8x5M	1 1/8" DIA.	401	686
KILL VALVES	2 1/16x5M	7/8" DIA.	188	319

BILL OF MATERIAL				
ITEM NO.	QUAN.	DESCRIPTION	PART NUMBER	WEIGHT
1	1	11-5M BOP ASSEMBLY		
1	1	ANNULAR, 11x3M BOLTED TYPE		6005
2	1	BOP DOUBLE RAM		7600
4	4	RAM ELEMENTS		444
3	1	HAMMER UNION, 2-1502(1) X34 (BW)		5
4	1	FLANGE, WN 2 1/16-5M API		42
5	1	VALVE, GATE FLS-MCR 3 1/8-5M		396
6	2	VALVE, GATE 2 1/16-5M		350
7	1	90° STUDDED BLOCK, 3 1/8-5M X 2 1/16-5M		240
8	1	90° STUDDED BLOCK, 3 1/8-5M X 3 1/8-5M		250
9	2	VALVE, GATE 3 1/8-5M		720
10	1	BELL NIPPLE BOP LIFTING SECTION	MC F4M-H-318.01A	780
11	1	BELL NIPPLE EXTENSION	MC F4M-H-318.01A	396
12	1	11"-5M x 11"-5M x 1'-3" LONG SPACER		600
SPOOL - WORKING PRESSURE 5000 PSI				

HARDWARE				
ITEM NO.	QUAN.	DESCRIPTION	PART NUMBER	WEIGHT
		RINGS AND BOLTS		400



**ISSUED FOR
FABRICATION**
August-08-2008
DRAFTSMAN
ENGINEER

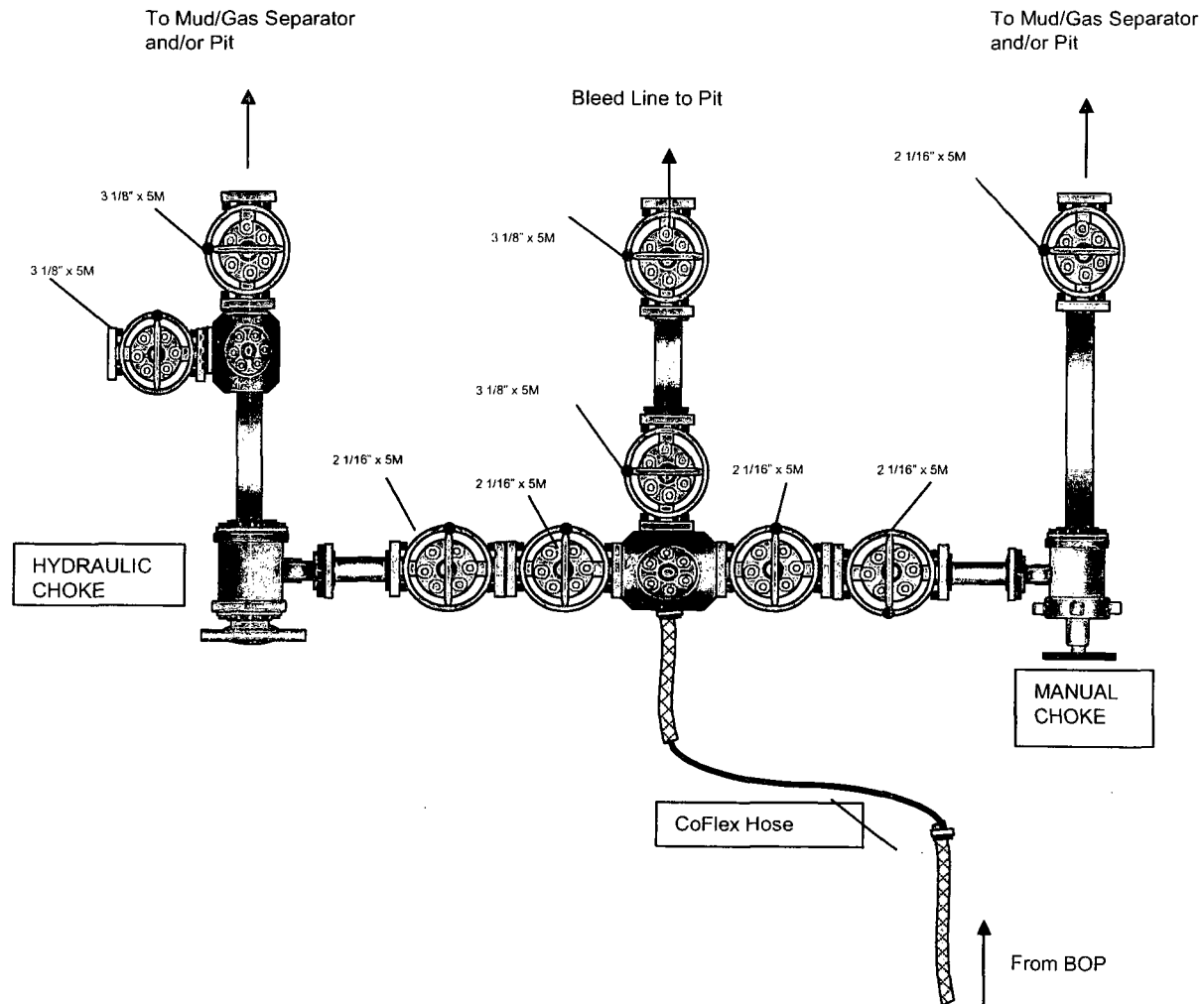
PROPRIETARY
THIS DRAWING AND THE IDEAS AND INFORMATION INCLUDED
IN THIS DRAWING ARE PROPRIETARY AND ARE NOT TO BE
REPRODUCED, DISTRIBUTED OR DISCLOSED IN ANY MANNER
WITHOUT THE PRIOR WRITTEN CONSENT OF A DULY AUTHORIZED
OFFICER OF HELMERICH & PAYNE INT'L DRILLING CO.

NOTES:
1. ALL BOP RAMS SHOWN ARE SHAFFER MODEL LXT
11-5M PSI WP - FLANGED BOTTOM AND STUDDED TOP

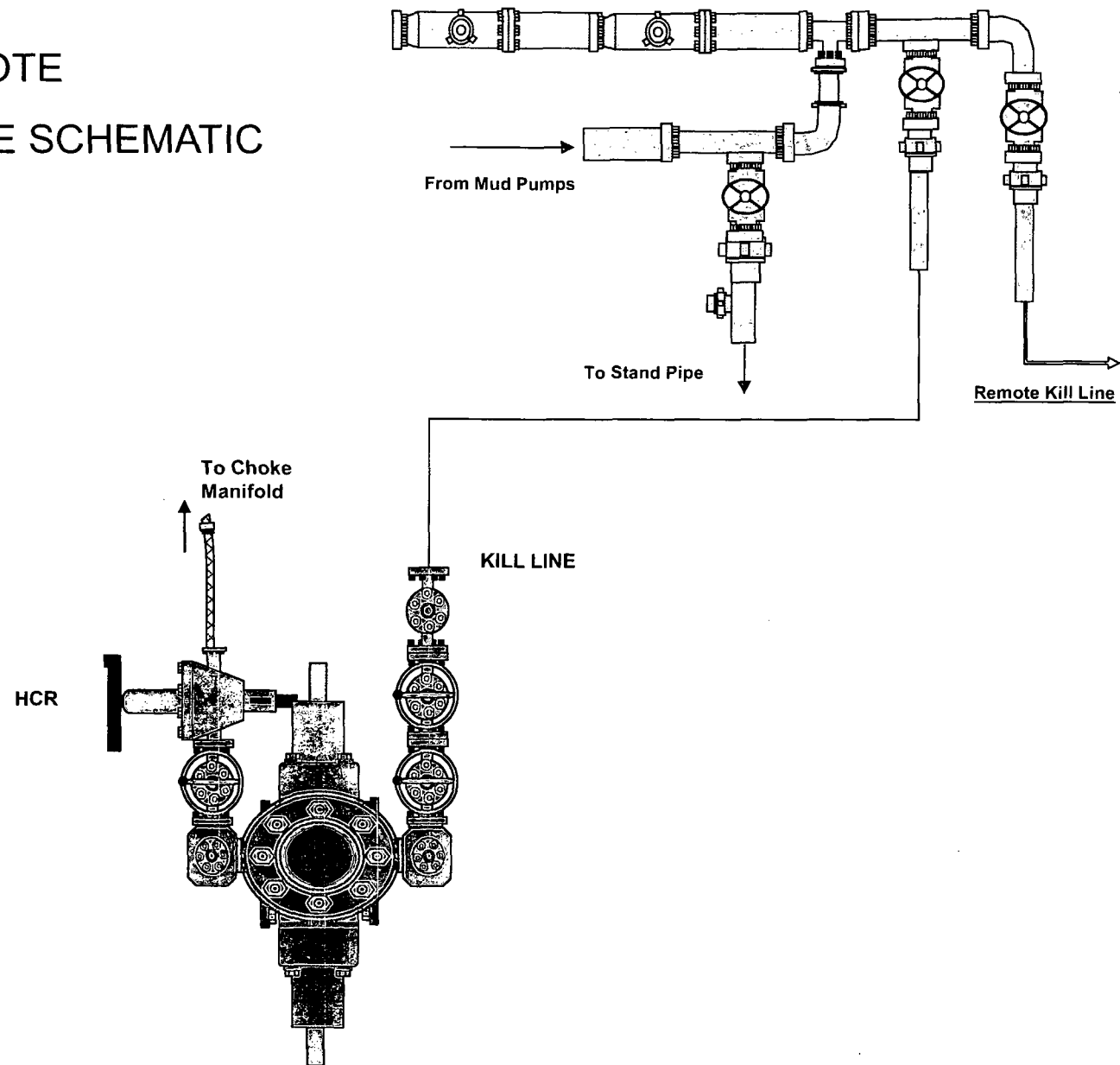
HELMERICH & PAYNE INTERNATIONAL DRILLING CO.	
TITLE: 11-5M BOP EQUIPMENT GENERAL ARRANGEMENT	
CUSTOMER: OXY-PERMIAN	
PROJECT: F4M	DRAWN: DJOHNSON
DATE: 07/28/08	DATE: 07/28/08
SCALE: NTS	BY: NTS
SHEET: 1 OF 4	REV: B
DWG. NO.: F4M-H-320	

REV	DATE	DESCRIPTION	BY
△			
△			
△	08/08/08	ADDED 1 OF 4 SHTS WAS 1 OF 3	DRJ
△	07/28/08	SHEET 1 OF 3 WAS 1 OF 5	DRJ

5M CHOKE MANIFOLD CONFIGURATION



5M REMOTE KILL LINE SCHEMATIC



HOBBS OCD

JAN 28 2013

ELG 1-29-2013

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Permian Drilling Hydrogen Sulfide Drilling Operations Plan East Eumont Unit #201

Open drill site. No homes or buildings are near the proposed location.

1. Escape

Personnel shall escape upwind of wellbore in the event of an emergency gas release. Escape can take place through the lease road on the Northwest side of the location. Personnel need to move to a safe distance and block the entrance to location. If the primary route is not an option due to the wind direction, then a secondary egress route should be taken.

▲ **H2S Detectors.** At least three detectors will be installed: bell nipple, rig floor and Shakers.

■ **Briefing Areas.** At least two briefing areas will be placed, 90 deg off.

■ **Wind direction indicators.** Visible from rig floor and from the mud pits area.

A gas buster is connected to both the choke manifold and flowline outlets.

Secondary Egress

Primary Briefing Area

N

