

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

OCD-ARTESIA

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	JAN 28 2008	5. Lease Serial No. LC-061622
2. Name of Operator Cimarex Energy Co. of Colorado	OCD-ARTESIA	6. If Indian, Allottee or Tribe Name
3a. Address PO Box 140907; Irving, TX 75014-0907	3b. Phone No. (include area code) 972-401-3111	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SHL 1980' FSL & 330' FWL, BHL 1980' FSL & 330' FEL 1-16S-29E		8. Well Name and No. County Line 1 Federal No. 1
		9. API Well No. 30-015-35933
		10. Field and Pool, or Exploratory Area County Line Tank; Abo
		11. County or Parish, State Eddy County, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, included estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Cimarex has changed its casing and cementing plans for the County Line 1 Federal No. 1 as follows:

Surface: Same as permitted**Intermediate:** in 12-1/4" hole, run 2500' 9-5/8" 40# J/K55 LTC. Drill with 10.0 ppg brine water.**Lead:** 415 sks Interfill C + 0.125 lb/sk Poly-E-Flake (wt 11.9, yld 2.45)**Tail:** 215 sks Premium Plus + 1% CaCl (wt 14.8, yld 1.33)**TOC @ surface****Production (Pilot Hole):** In 8-3/4" hole, run 7600' 7" 26# P-110 LTC. Drill with 8.4-9.5 ppg FW/Brine.610 sks Super H + 0.5% Halad-344 + 0.4% CFR-3 + 1lbm/sk salt + 5 lb/sk Gilsonite + 0.125 lb/sk Poly-E-Flake + 0.35% HR-7
(wt 13.0, yld 1.67)**TOC @ 2300'**

Set Whipstock @ 7138.' Top of window @ 7140.' Bottom of window @ 7150.' KOP @ 7160.' CIBP @ 7155.'

Liner: In 6-1/8" hole, run 4-1/2" 11.6# P-110 LTC (500' BTC) to approximately 11650.' Drill with 2% KCL.

Peak Systems Iso-Pack liner, no cement needed.

Revised preliminary directional survey will be submitted as soon as it is received.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Natalie Krueger

Signature

Title

Reg Analyst

Date

January 11, 2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Conditions of Approval, if any, are attached. Approval of this notice 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.

Office

APPROVED

JAN 23 2008

Date

WESLEY W. INGRAM
PETROLEUM ENGINEER

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.

(Instructions on reverse)

Cimarex Energy Company

HALLIBURTON

Sperry Drilling Services

Project: Eddy County, NM
Site: County Line "1" Federal
Well: #1

Wellbore: Wellbore #1
Plan: Plan #1 (#1/Wellbore #1)
Rig: Patriot 4

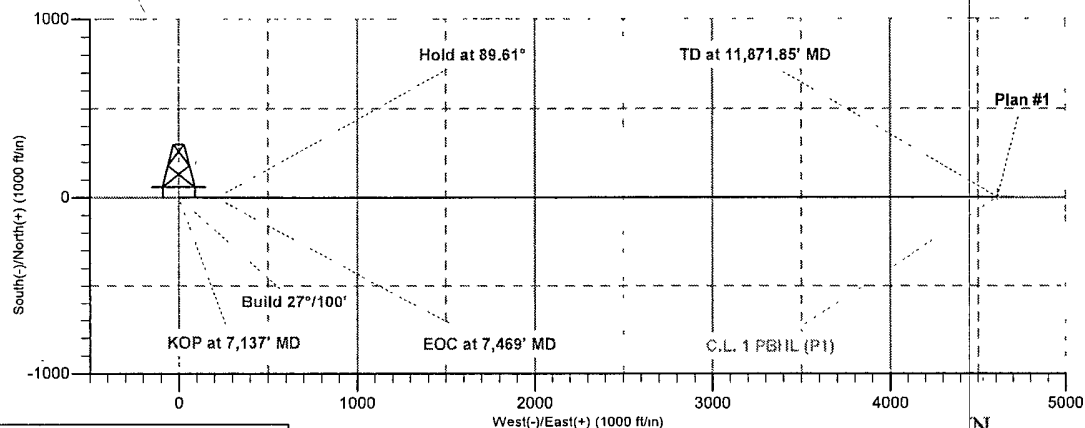


US State Plane 1983
New Mexico Eastern Zone
Elevation: 3,735' GL + 00' KB @ 3735.00ft (Patriot 4)

Northing: 709063.90 Easting: 632622.03 Latitude: 32° 56' 55.940 N Longitude: 104° 2' 8.703 W

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7137.80	0.00	0.00	7137.80	0.00	0.00	0.00	0.00	0.00	KOP
7469.69	89.61	89.94	7350.00	0.21	210.76	27.00	89.94	210.76	EOC
11871.85	89.61	89.94	7380.00	4.67	4612.82	0.00	0.00	4612.82	TD

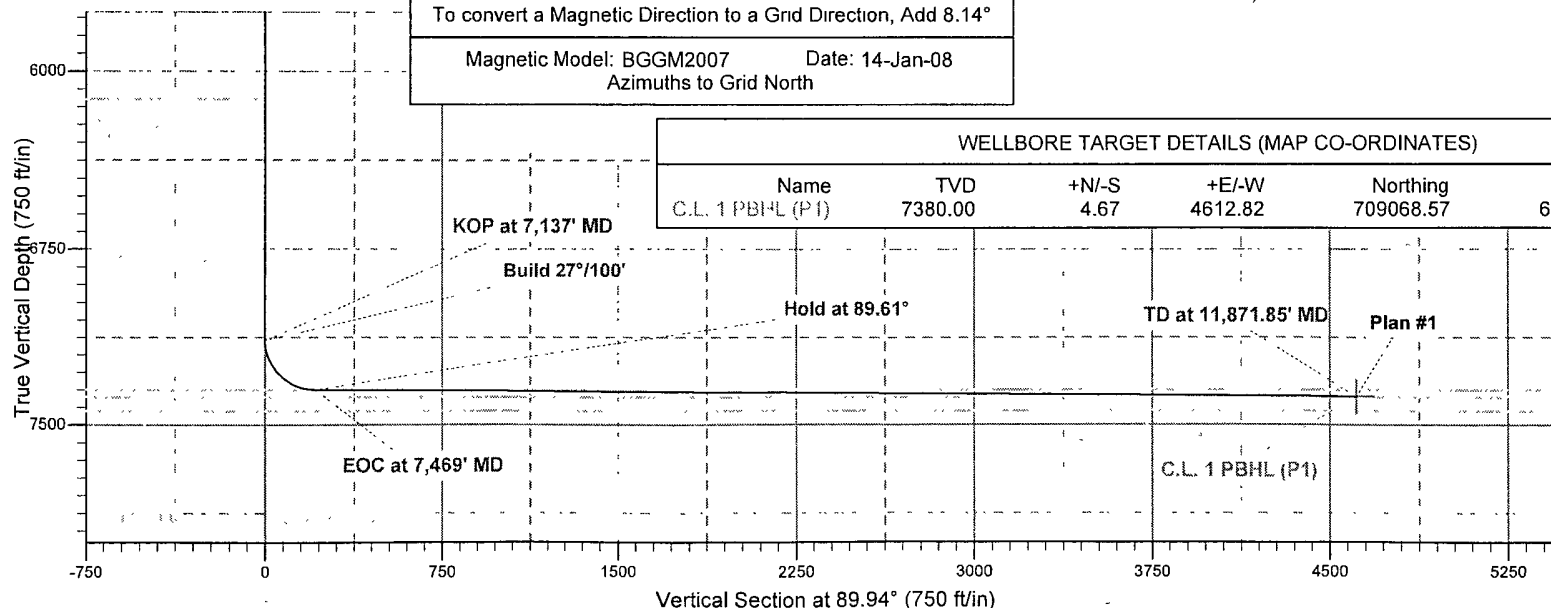


To convert a Magnetic Direction to a Grid Direction, Add 8.14°

Magnetic Model: BGGM2007 Date: 14-Jan-08
Azimuths to Grid North

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape Point
C.L. 1 PBHL (P1)	7380.00	4.67	4612.82	709068.57	637234.85	



Patriot Rig 4

Cimarex Energy Co. of Colorado

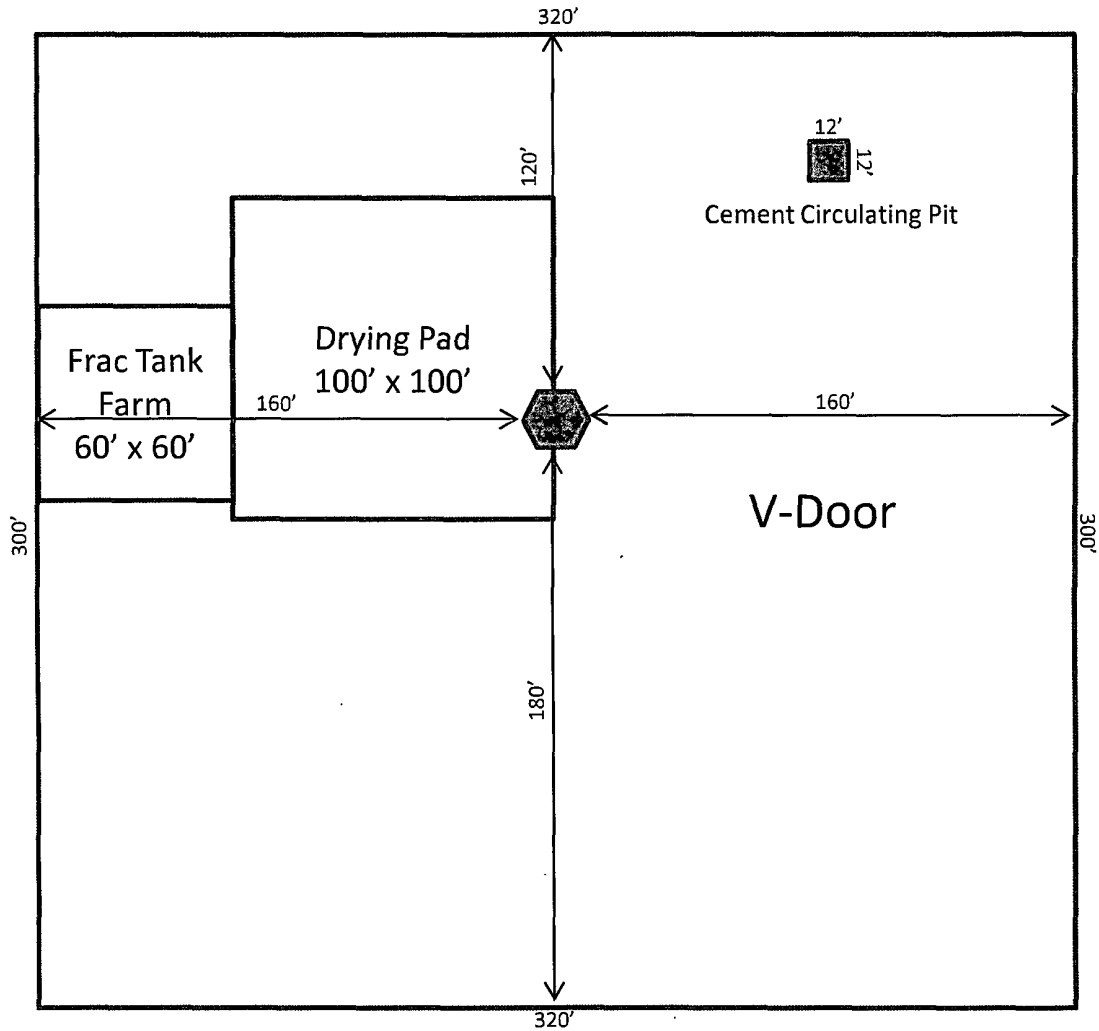


Exhibit D – Rig Layout
County Line 1 Federal No. 1
1-16S-29E
SHL 1980' FSL & 330' FWL
BHL 1980' FSL & 330' FEL
Eddy County, NM

SR & A

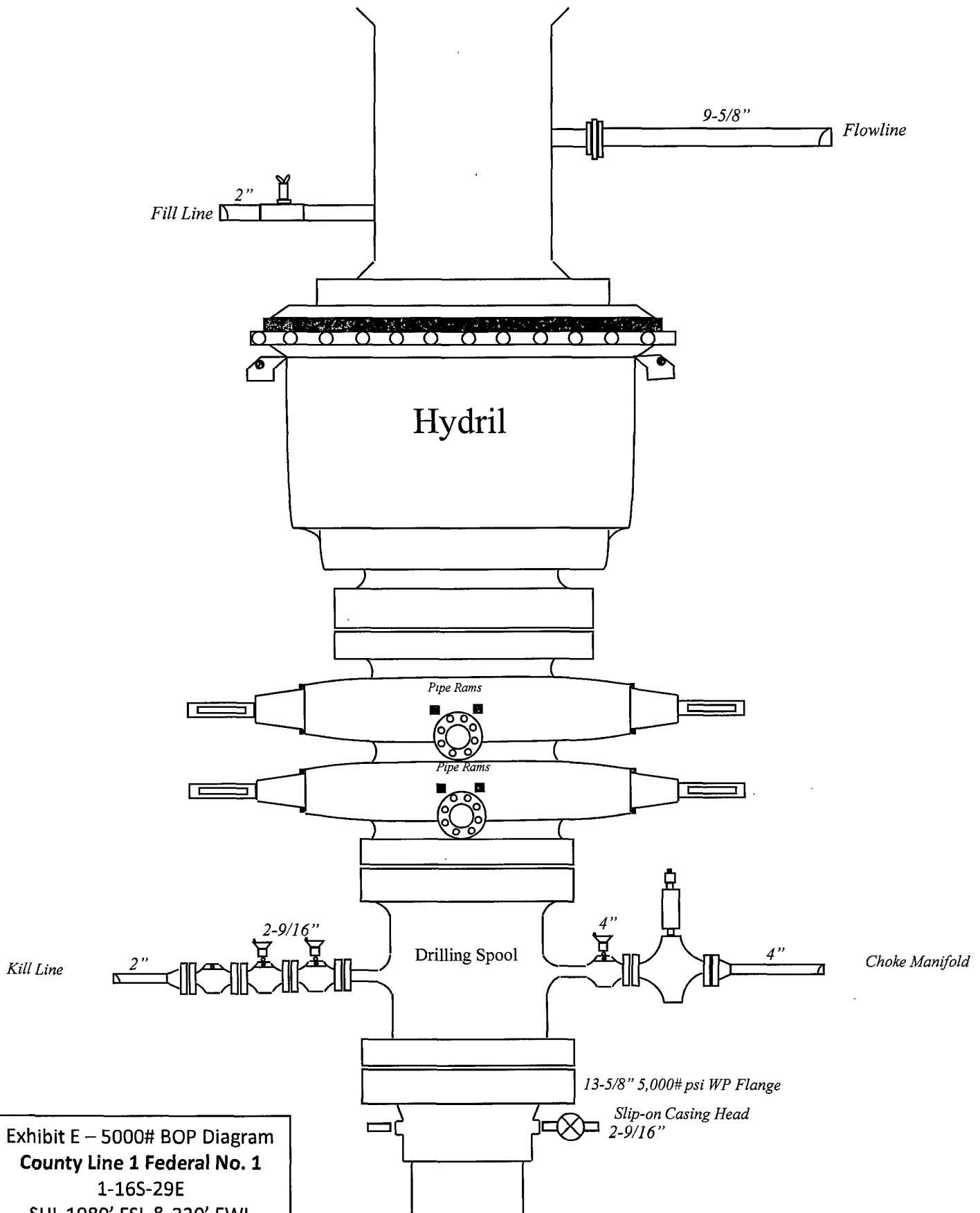


Exhibit E – 5000# BOP Diagram
 County Line 1 Federal No. 1
 1-16S-29E
 SHL 1980' FSL & 330' FWL
 BHL 1980' FSL & 330' FEL
 Eddy County, NM

**DRILLING OPERATIONS
CHOKE MANIFOLD
5M SERVICE**

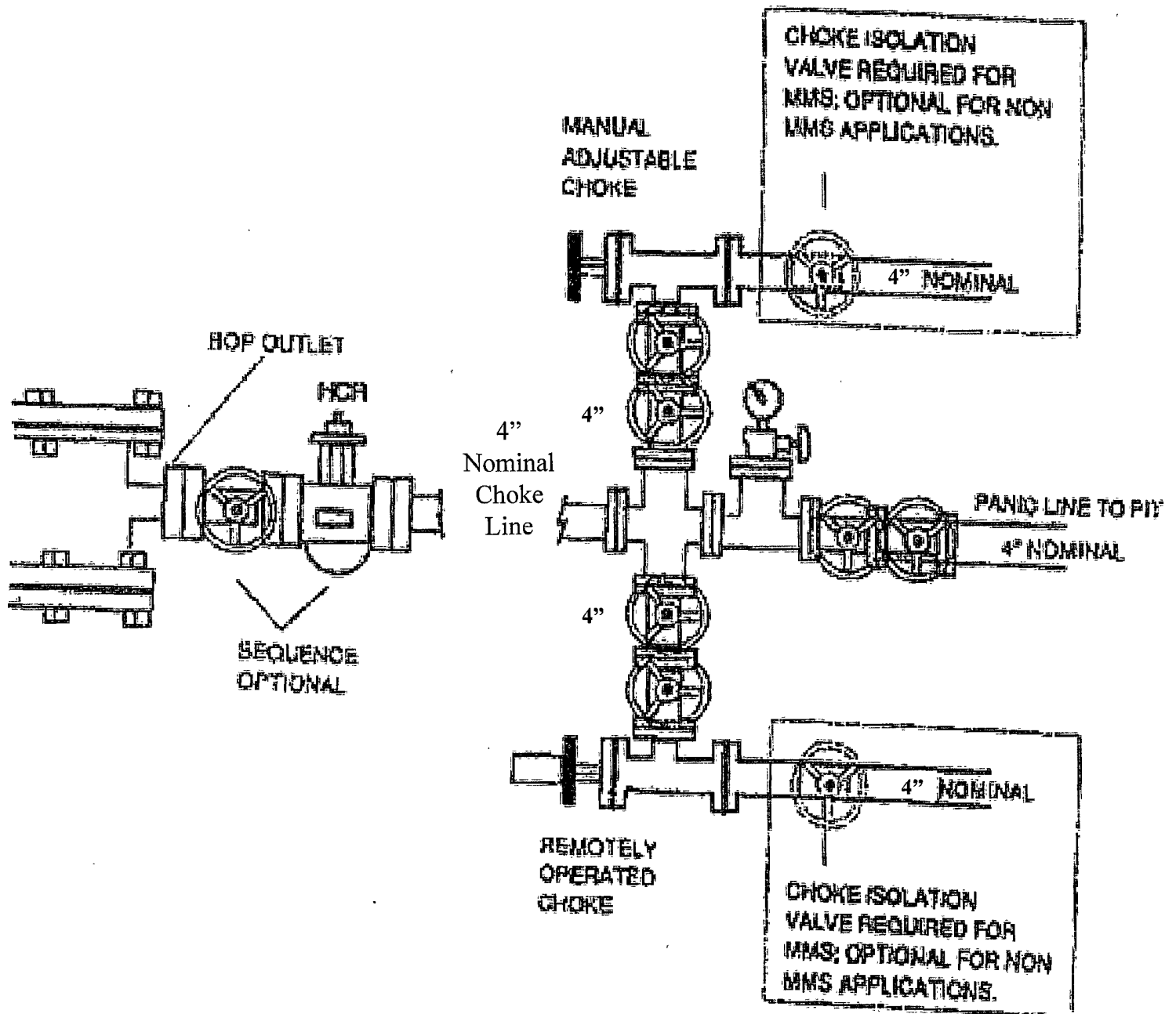


Exhibit E-1 – Choke Manifold Diagram
County Line 1 Federal No. 1
1-16S-29E
SHL 1980' FSL & 330' FWL
BHL 1980' FSL & 330' FEL
Eddy County, NM

North Reference Sheet for County Line "1" Federal - #1 - Wellbore #1

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to Grid North Reference.

Vertical Depths are relative to 3,735' GL + 00' KB @ 3735.00ft (Patriot 4) Northing and Easting are relative to #1

Coordinate System is US State Plane 1983, New Mexico Eastern Zone using datum North American Datum 1983, ellipsoid GRS 1980

Projection method is Transverse Mercator (Gauss-Kruger)

Central Meridian is -104.33°, Longitude Origin: 0° 0' 0.000 E°, Latitude Origin: 0° 0' 0.000 N°

False Easting: 541,337.50ft, False Northing: 0.00ft, Scale Reduction: 0.99991863

Grid Coordinates of Well: 709,063 90 ft N, 632,622.03 ft E

Geographical Coordinates of Well: 32° 56' 55.94" N, 104° 02' 08.70" W

Grid Convergence at Surface is: 0.16°

Based upon Minimum Curvature type calculations, at a Measured Depth of 11,871.85ft the Bottom Hole Displacement is 4,612.82ft in the Direction of 89.94° (Grid).

Magnetic Convergence at surface is -8.14° (14 January 2008, , BGGM2007)

