12-419

AMD HOBBS

HOBBS OCD

JUL 26 2012

RECEIVED

Form 3160-3
(April 2004)

FORM APPROVED
OMB No 1004-0137
Expires March 31, 2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No
SHL NM 0 002899 BHL NM 0 001917

6. If Indian, Allotee or Tribe Name

1a Type of Work ☒ DRILL ☐ REENTER

7 If Unit or CA Agreement, Name and No.

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

8. Lease Name and Well No.
Dos Equis 12 Federal Com No. 1 <39370>

2 Name of Operator
Cimarex Energy Co. of Colorado <162683>

9. API Well No
30-025- 40700

3a. Address
600 N. Marienfeld St. Ste. 600 Midland Tx 79701

3b. Phone No *(include area code)*
432-571-7800

10. Field and Pool, or Exploratory
Triple X; Bone Spring, West <96674>

4 Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At Surface 330 FNL & 810 FEL Unit A

At proposed prod Zone 330 FSL & 660 FEL *Horizontal Bone Spring test*

11 Sec , T. R. M. or Blk. and Survey or Area
12-24S-32E

14 Distance in miles and direction from nearest town or post office*

12 County or Parish
Lea

13. State
NM

15 Distance from proposed* location to nearest property or lease line, ft (Also to nearest drig. unit line if any)	16. No of acres in lease	17. Spacing Unit dedicated to this well
330'	NM 0 002899 680 acres NM 0 001917 800 acres	E2E2 160 acres
18 Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft	**19. Proposed Depth**	**20 BLM/BIA Bond No. on File**
362'	Pilot Hole TD 11400 MD 15653 TVD 11250	NM-2575/NM-B000835
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	**22 Approximate date work will start***	**23 Estimated duration**
3606' GR	08.01.12	25-30 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor
2. A Drilling Plan
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office)
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator Certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25 Signature	Name *(Printed/Typed)*	Date
Zeno Farris	Zeno Farris	02.13.12

Title
Manager Operations Administration

Approved By *(Signature)* /s/ James A. Amos	Name (Printed/Typed)	Date JUL 24 2012
Title FIELD MANAGER	Office CARLSBAD FIELD OFFICE	

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, are attached.

APPROVAL FOR TWO YEARS

Title 18 U.S.S Section 1001 and Title 43 U S C Section 1212, make 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 page 2)*

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Kz 07/27/12

Carlsbad Controlled Water Basin

Approval Subject to General Requirements & Special Stipulations Attached

JUL 30 2012

Application to Drill
Dos Equis 12 Federal Com No. 1
Cimarex Energy Co. of Colorado
Unit A, Section 12
T23S-R32E, Lea County, NM
24 per Zero 3/28/12 DM (all pages)

In response to questions asked under Section II B of Bulletin NTL-6, the following information is provided for your consideration:

1 Location: SHL 330 FNL & 810 FEL
BHL 330 FSL & 660 FEL

2 Elevation above sea level: 3606' GR

3 Geologic name of surface formation: Quaternery Alluvium Deposits

4 Drilling tools and associated equipment: Conventional rotary drilling rig using fluid as a circulating medium for solids removal.

5 Proposed drilling depth: MD 15653 TVD 11250

6 Estimated tops of geological markers:

Rustler	1220'
Top of Salt	1380'
Castile	3565'
Base of Salt	4700'
Delaware Sands	5000'
Cherry Canyon	5969'
Brushy Canyon	7000'
Bone Spring	8770'
FBSS	9930'
SBSS	10600'
3rd BS Carbonate	11100'

7 Possible mineral bearing formation:

Bone Spring	Oil
Delaware	Oil

8 Proposed Mud Circulating System:

Depth	Mud Wt	Visc	Fluid Loss	Type Mud
0' to ~~1250'~~ 1300	8.4 - 8.6	28	NC	FW
~~1250'~~ to 4900'	10.0	30-32	NC	Brine
4900' to 10850'	8.4-9.0	28-29	NC	FW and brine, use hi-vis sweeps to keep hole clean
10850' to 15652'	8.5-9.5	27-45	NC	2% KCL

Sufficient mud materials will be kept on location at all times in order to combat lost circulation or unexpected kicks. In order to run DSTs, open hole logs, and casing, the viscosity and water loss may have to be adjusted in order to meet these needs.

Proposed drilling Plan

Drill 8¾" pilot hole to 11400 and log. Pump 30bbls MUDPUSHII 12ppg, followed by 495 sks Type H Cement, D080 (Dispersant) 0.080 gal/sk, D177 (Retarder) 0.045gal/sk17.5 ppg yield 0.94 & 0% Excess from 11400 to 10850. Set whipstock and kick off 8¾" lateral @ 10850 and drill to TD @ 15652 MD, 11250 TVD. Run 5½" 17# P-110 LTC from 0-15652 and cement.

Application to Drill
Dos Equis 12 Federal Com No. 1
Cimarex Energy Co. of Colorado
Unit A, Section 12
T23S-R32E, Lea County, NM

9 Casing & Cementing Program:

String	Hole Size	Depth			Casing OD		Weight	Collar	Grade
Surface 1	17 1/2"	0'	to	1250'	New	13 3/8"	48#	STC	H-40
Intermediate	12¼"	0'	to	4900'	New	9⅝"	40#	LTC	J-55
Production	8¾"	0'	to	15652'	New	5½"	17#	LTC	P-110

10 Cementing:

Surface Lead:545SKS Halcem C + 4% Bentomite + 2% CaCl 13.5ppg 1.75yield 100% Excess
Tail:420SKS Halcem C + 2% CaCl 14.2ppg 1.34 yield 50% Excess
TOC Surface Centralizers per Onshorder 2.III.B.1.f

Intermediate Lead:1655SKS Econocem + 5% Salt + 5# Gilsonite 14.6ppg 1.54yield 70% Excess
Tail:200SKS Halcem + 1% CaCl 14.8ppg 1.34 yield 25% Excess
TOC Surface

Production Lead:1030SKS Econocem H + 0.5% CFR-3 + 0.1% HR-601 11.9ppg 2.44 yield 50% Excess
Tail:1305SKS Versacem H + 0.5% Halad-344 + 0.4% CFR-3 + 1# Salt + 0.1% HR-601 14.5ppg 1.22 yield 25% Excess
TOC 3800' Centralizers every 3rd joint in lateral to provide adequate cement coverage every 100' unless lateral doglegs require greater spacing between centralizers.

According to the NM State Enginner, depth to ground water is 200 feet. Fresh water zones will be protected by setting 13 3/8" casing at 1250 and 9 5/8" casing at 4900 and cementing to surface. Hydrocarbon zones will be protected by setting 5 1/2" casing at 15514 and cementing to 3800.

Collapse Factor	*Burst Factor*	*Tension Factor*
1.125	1.125	1.6

11 Pressure control Equipment:
Exhibit "E". A 13⅝" 5000 PSI working pressure B.O.P. consisting of one set of blind rams and one set of pipe rams and a 5000# annular type preventer. A choke manifold and 120 gallon accumulator with floor and remote operating stations and auxiliary power system. Rotating head below 4900.' A kelly cock will be installed and maintained in operable condition and a drill string safety valve in the open position will be available on the rig floor. Mud gas seperator will be available if drilling in H2S areas.

BOP unit will be hydraulically operated. BOP will be nippled up and operated at least once a day while drilling and the blind rams will be operated when out of hole during trips. No abnormal pressure or temperature is expected while drilling.

Before drilling out of the surface casing BOPs will be tested to 250 psi low and 3000 psi high by an independent service company. Hydril will be tested to 250 psi low and 1500 psi high. Before drilling out of the intermediate casing BOPs will be tested to 250 psi low and 5000 psi high. Hydril will be tested to 250 psi low and 2500 high.

Cimarex Energy Co. of Colorado (operator) requests a variance if Cactus 115 (rig name) is used to drill this well to use a co-flex line between the BOP and choke manifold.
Manufacturer: Midwest Hose & Specialty
Serial Number: 63270
Length: 35' Size: 4-1/16" Ends - flanges/clamps
WP rating: 10,000 psi Anchors required by manufacturer – Yes/No

12 Testing, Logging and Coring Program: See COA

A. Mud logging program: 2 man unit from 4900 to TD
B. Electric logging program: CNL / LDT / CAL / GR, DLL / CAL / GR Surface to TD
C. No DSTs or cores are planned at this time.

13 Potential Hazards:

No abnormal pressures or temperatures are expected. In accordance with Onshore Order 6, Cimarex does not anticipate that there will be enough H_2S from the surface to the Bone Spring formations to meet the BLM's minimum requirements for the submission of an "H_2S Drilling Operation Plan" or "Public Protection Plan" for the drilling and completion of this well. Since we have an H_2S Safety package on all wells, attached is an "H_2S Drilling Operations Plan." Adequate flare lines will be installed off the mud / gas separator where gas may be flared safely. All personnel will be familiar with all aspects of safe operation of equipment being used.

Estimated BHP **5100 psi** Estimated BHT **130°**

14 Road and location construction will begin after BLM approval of APD. Anticipated spud date as soon as approved.
Drilling expected to take 30-35 days
If production casing is run an additional 30 days will be required to complete and construct surface facilities.

15 Other Facets of Operations:

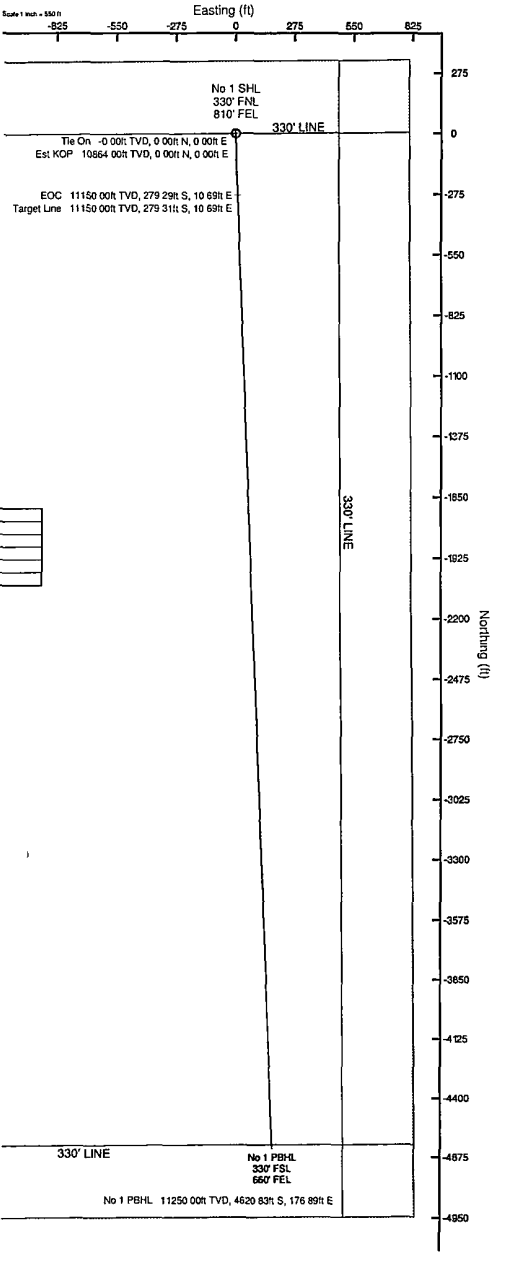
After running casing, cased hole gamma ray neutron collar logs will be run from total depth over possible pay intervals.
Bone Spring pay will be perforated and stimulated.
The proposed well will be tested and potentialed as **an oil well.**

Cimarex Energy Co.

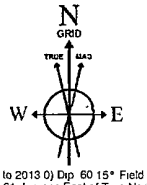
Location	Lea County, NM	Slot	No 1 SHL
Field	(Dos Equis) Sec 12, T24S, R32E	Well	No 1
Facility	Dos Equis 12 Fed Com #1	Wellbore	No 1 PWB

Well Profile Data

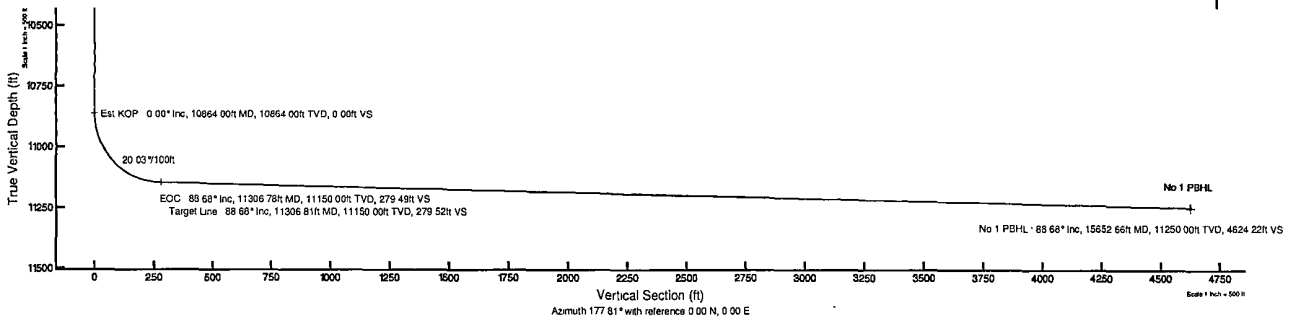
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	0 00	0 000	177 808	0 00	0 00	0 00	0 00	0 00
Est KOP	10864 00	0 000	177 808	10864 00	0 00	0 00	0 00	0 00
EOC	11306 78	88 681	177 808	11150 00	-279 29	10 69	20 03	279 49
Target Line	11306 81	88 681	177 808	11150 00	-279 31	10 69	2 00	279 52
No 1 PBHL	15652 66	88 681	177 808	11250 00	-4620 83	176 89	0 00	4624 22



Plot reference wellpath is Prelim_1	
True vertical depths are referenced to Rig on No 1 SHL (RT)	Grid System: NAD83 / TM New Mexico SP, Eastern Zone (3001), US feet
Measured depths are referenced to Rig on No 1 SHL (RT)	North Reference: Grid north
Rig on No 1 SHL (RT) to Mean Sea Level: 3606 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot: No 1 SHL): -3606 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: gentry on 1/19/2012



BGGM (1945 0 to 2013 0) Dip: 60 15° Field: 48568 2 nT
Magnetic North is 7 61 degrees East of True North (at 1/19/2012)
Grid North is 0 38 degrees East of True North
To correct azimuth from True to Grid subtract 0 38 degrees
To correct azimuth from Magnetic to Grid add 7 23 degrees
For example, if the Magnetic North Azimuth = 90 degs, then the Grid North Azimuth = 90 + 7 23 = 97.23



Planned Wellpath Report

Prelim_1

REFERENCE WELLPATH IDENTIFICATION			
Operator	**Cimarex Energy Co.**	Slot	**No.1 SHL**
Area	**Lea County, NM**	Well	**No.1**
Field	**(Dos Equis) Sec 12, T24S, R32E**	Wellbore	**No.1 PWB**
Facility	**Dos Equis 12 Fed Com #1**		

REPORT SETUP INFORMATION			
Projection System	**NAD83 / TM New Mexico SP, Eastern Zone (3001), US feet**	Software System	**WellArchitect® 3.0.0**
North Reference	**Grid**	User	**Gentbry**
Scale	**0.999964**	Report Generated	**1/19/2012** at **10:48:02 AM**
Convergence at slot	**0.38° East**	Database/Source file	**WA Midland/No.1_PWB.xml**

WELLPATH LOCATION	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	**East[ft]**	**Easting[US ft]**	**Northing[US ft]**	**Latitude**	**Longitude**
Slot Location	**0.00**	**0.00**	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W
Facility Reference Pt			**761153.10**	**451258.60**	32°14'18.909"N	103°37'20.583"W
Field Reference Pt			**761153.10**	**451258.60**	32°14'18.909"N	103°37'20.583"W

WELLPATH DATUM			
Calculation method	**Minimum curvature**	Rig on No.1 SHL (RT) to Facility Vertical Datum	**0.00ft**
Horizontal Reference Pt	**Slot**	Rig on No.1 SHL (RT) to Mean Sea Level	**3606.00ft**
Vertical Reference Pt	**Rig on No.1 SHL (RT)**	Rig on No.1 SHL (RT) to Mud Line at Slot (No.1 SHL)	**0.00ft**
MD Reference Pt	**Rig on No.1 SHL (RT)**	Section Origin	**N 0.00, E 0.00 ft**
Field Vertical Reference	**Mean Sea Level**	Section Azimuth	**177.81°**

REFERENCE WELLPATH IDENTIFICATION			
Operator	**Cimarex Energy Co.**	Slot	**No.1 SHL**
Area	**Lea County, NM**	Well	**No.1**
Field	**(Dos Equis) Sec 12, T24S, R32E**	Wellbore	**No.1 PWB**
Facility	***Dos Equis 12 Fed Com #1***		

WELLPATH DATA (169 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00	0.000	177.808	0.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	Tie On
100.00†	0.000	177.808	100.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
200.00†	0.000	177.808	200.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
300.00†	0.000	177.808	300.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
400.00†	0.000	177.808	400.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
500.00†	0.000	177.808	500.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
600.00†	0.000	177.808	600.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
700.00†	0.000	177.808	700.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
800.00†	0.000	177.808	800.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
900.00†	0.000	177.808	900.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
1000.00†	0.000	177.808	1000.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
1100.00†	0.000	177.808	1100.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
1200.00†	0.000	177.808	1200.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	Rustler
1300.00†	0.000	177.808	1300.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
1400.00†	0.000	177.808	1400.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
1500.00†	0.000	177.808	1500.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
1600.00†	0.000	177.808	1600.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
1640.00†	0.000	177.808	1640.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	Salt
1700.00†	0.000	177.808	1700.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
1800.00†	0.000	177.808	1800.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
1900.00†	0.000	177.808	1900.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
2000.00†	0.000	177.808	2000.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
2100.00†	0.000	177.808	2100.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
2200.00†	0.000	177.808	2200.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
2300.00†	0.000	177.808	2300.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
2400.00†	0.000	177.808	2400.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
2500.00†	0.000	177.808	2500.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
2600.00†	0.000	177.808	2600.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
2700.00†	0.000	177.808	2700.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
2800.00†	0.000	177.808	2800.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
2900.00†	0.000	177.808	2900.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
3000.00†	0.000	177.808	3000.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
3100.00†	0.000	177.808	3100.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
3200.00†	0.000	177.808	3200.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
3300.00†	0.000	177.808	3300.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
3400.00†	0.000	177.808	3400.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
3430.00†	0.000	177.808	3430.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	Castille
3500.00†	0.000	177.808	3500.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
3600.00†	0.000	177.808	3600.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
3700.00†	0.000	177.808	3700.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
3800.00†	0.000	177.808	3800.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
3900.00†	0.000	177.808	3900.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
4000.00†	0.000	177.808	4000.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
4100.00†	0.000	177.808	4100.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
4200.00†	0.000	177.808	4200.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	

REFERENCE WELLPATH IDENTIFICATION			
Operator	Cimarex Energy Co.	Slot	No.1 SHL
Area	Lea County, NM	Well	No.1
Field	(Dos Equis) Sec 12, T24S, R32E	Wellbore	No.1 PWB
Facility	Dos Equis 12 Fed Com #1		

WELLPATH DATA (169 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
4300.00†	0.000	177.808	4300.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
4400.00†	0.000	177.808	4400.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
4500.00†	0.000	177.808	4500.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
4600.00†	0.000	177.808	4600.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
4670.00†	0.000	177.808	4670.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	Base Last Salt
4700.00†	0.000	177.808	4700.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
4800.00†	0.000	177.808	4800.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
4900.00†	0.000	177.808	4900.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
4960.00†	0.000	177.808	4960.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	Delaware Sands
5000.00†	0.000	177.808	5000.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
5100.00†	0.000	177.808	5100.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
5200.00†	0.000	177.808	5200.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
5300.00†	0.000	177.808	5300.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
5400.00†	0.000	177.808	5400.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
5500.00†	0.000	177.808	5500.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
5600.00†	0.000	177.808	5600.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
5700.00†	0.000	177.808	5700.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
5800.00†	0.000	177.808	5800.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
5900.00†	0.000	177.808	5900.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
6000.00†	0.000	177.808	6000.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
6100.00†	0.000	177.808	6100.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
6200.00†	0.000	177.808	6200.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
6300.00†	0.000	177.808	6300.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
6400.00†	0.000	177.808	6400.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
6500.00†	0.000	177.808	6500.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
6600.00†	0.000	177.808	6600.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
6700.00†	0.000	177.808	6700.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
6800.00†	0.000	177.808	6800.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
6900.00†	0.000	177.808	6900.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
7000.00†	0.000	177.808	7000.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
7100.00†	0.000	177.808	7100.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
7200.00†	0.000	177.808	7200.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
7300.00†	0.000	177.808	7300.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
7400.00†	0.000	177.808	7400.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
7500.00†	0.000	177.808	7500.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
7600.00†	0.000	177.808	7600.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
7700.00†	0.000	177.808	7700.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
7800.00†	0.000	177.808	7800.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
7900.00†	0.000	177.808	7900.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
8000.00†	0.000	177.808	8000.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
8100.00†	0.000	177.808	8100.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
8200.00†	0.000	177.808	8200.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
8300.00†	0.000	177.808	8300.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
8400.00†	0.000	177.808	8400.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
8500.00†	0.000	177.808	8500.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	

REFERENCE WELLPATH IDENTIFICATION			
Operator	Cimarex Energy Co.	Slot	No.1 SHL
Area	Lea County, NM	Well	No.1
Field	(Dos Equis) Sec 12, T24S, R32E	Wellbore	No.1 PWB
Facility	Dos Equis 12 Fed Com #1		

WELLPATH DATA (169 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
8600.00†	0.000	177.808	8600.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
8625.00†	0.000	177.808	8625.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	Basal Brushy Canyon
8700.00†	0.000	177.808	8700.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
8800.00†	0.000	177.808	8800.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
8850.00†	0.000	177.808	8850.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	Bone Spring
8900.00†	0.000	177.808	8900.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
9000.00†	0.000	177.808	9000.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
9100.00†	0.000	177.808	9100.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
9200.00†	0.000	177.808	9200.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
9300.00†	0.000	177.808	9300.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	Avalon Shale
9400.00†	0.000	177.808	9400.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
9500.00†	0.000	177.808	9500.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
9600.00†	0.000	177.808	9600.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
9700.00†	0.000	177.808	9700.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
9800.00†	0.000	177.808	9800.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
9900.00†	0.000	177.808	9900.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
10000.00†	0.000	177.808	10000.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
10050.00†	0.000	177.808	10050.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	1st BSS
10100.00†	0.000	177.808	10100.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
10200.00†	0.000	177.808	10200.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
10300.00†	0.000	177.808	10300.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
10400.00†	0.000	177.808	10400.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
10500.00†	0.000	177.808	10500.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
10600.00†	0.000	177.808	10600.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
10675.00†	0.000	177.808	10675.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	2nd BSS
10700.00†	0.000	177.808	10700.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
10800.00†	0.000	177.808	10800.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	
10864.00	0.000	177.808	10864.00	0.00	0.00	0.00	761153.10	451258.60	32°14'18.909"N	103°37'20.583"W	0.00	Est KOP
10900.00†	7.210	177.808	10899.91	2.26	-2.26	0.09	761153.19	451256.34	32°14'18.887"N	103°37'20.582"W	20.03	
11000.00†	27.238	177.808	10994.93	31.72	-31.70	1.21	761154.31	451226.90	32°14'18.595"N	103°37'20.571"W	20.03	
11100.00†	47.267	177.808	11074.13	91.95	-91.88	3.52	761156.62	451166.72	32°14'18.000"N	103°37'20.549"W	20.03	
11200.00†	67.295	177.808	11127.91	175.65	-175.52	6.72	761159.82	451083.08	32°14'17.172"N	103°37'20.518"W	20.03	
11300.00†	87.323	177.808	11149.76	272.71	-272.51	10.43	761163.53	450986.10	32°14'16.212"N	103°37'20.483"W	20.03	
11306.78	88.681	177.808	11150.00	279.49	-279.29	10.69	761163.79	450979.32	32°14'16.145"N	103°37'20.480"W	20.03	EOC
11306.81	88.681	177.808	11150.00	279.52	-279.31	10.69	761163.79	450979.30	32°14'16.145"N	103°37'20.480"W	2.00	Target Line
11400.00†	88.681	177.808	11152.14	372.68	-372.41	14.25	761167.35	450886.20	32°14'15.223"N	103°37'20.446"W	0.00	
11500.00†	88.681	177.808	11154.45	472.66	-472.31	18.08	761171.18	450786.31	32°14'14.234"N	103°37'20.409"W	0.00	
11600.00†	88.681	177.808	11156.75	572.63	-572.21	21.90	761175.00	450686.41	32°14'13.246"N	103°37'20.372"W	0.00	
11700.00†	88.681	177.808	11159.05	672.61	-672.11	25.73	761178.83	450586.51	32°14'12.257"N	103°37'20.335"W	0.00	
11800.00†	88.681	177.808	11161.35	772.58	-772.01	29.55	761182.65	450486.62	32°14'11.268"N	103°37'20.299"W	0.00	
11900.00†	88.681	177.808	11163.65	872.55	-871.91	33.38	761186.47	450386.72	32°14'10.279"N	103°37'20.262"W	0.00	
12000.00†	88.681	177.808	11165.95	972.53	-971.81	37.20	761190.30	450286.82	32°14'09.291"N	103°37'20.225"W	0.00	
12100.00†	88.681	177.808	11168.25	1072.50	-1071.71	41.02	761194.12	450186.93	32°14'08.302"N	103°37'20.188"W	0.00	
12200.00†	88.681	177.808	11170.55	1172.47	-1171.61	44.85	761197.95	450087.03	32°14'07.313"N	103°37'20.151"W	0.00	
12300.00†	88.681	177.808	11172.85	1272.45	-1271.52	48.67	761201.77	449987.13	32°14'06.324"N	103°37'20.114"W	0.00	

Planned Wellpath Report

Prelim_1

REFERENCE WELLPATH IDENTIFICATION			
Operator	Cimarex Energy Co.	Slot	No.1 SHL
Area	Lea County, NM	Well	No.1
Field	(Dos Equis) Sec 12, T24S, R32E	Wellbore	No.1 PWB
Facility	Dos Equis 12 Fed Com #1		

WELLPATH DATA (169 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
12400.00†	88.681	177.808	11175.16	1372.42	-1371.42	52.50	761205.60	449887.24	32°14'05.336"N	103°37'20.078"W	0.00	
12500.00†	88.681	177.808	11177.46	1472.39	-1471.32	56.32	761209.42	449787.34	32°14'04.347"N	103°37'20.041"W	0.00	
12600.00†	88.681	177.808	11179.76	1572.37	-1571.22	60.15	761213.24	449687.44	32°14'03.358"N	103°37'20.004"W	0.00	
12700.00†	88.681	177.808	11182.06	1672.34	-1671.12	63.97	761217.07	449587.55	32°14'02.369"N	103°37'19.967"W	0.00	
12800.00†	88.681	177.808	11184.36	1772.31	-1771.02	67.79	761220.89	449487.65	32°14'01.380"N	103°37'19.930"W	0.00	
12900.00†	88.681	177.808	11186.66	1872.29	-1870.92	71.62	761224.72	449387.75	32°14'00.392"N	103°37'19.894"W	0.00	
13000.00†	88.681	177.808	11188.96	1972.26	-1970.82	75.44	761228.54	449287.86	32°13'59.403"N	103°37'19.857"W	0.00	
13100.00†	88.681	177.808	11191.26	2072.23	-2070.72	79.27	761232.36	449187.96	32°13'58.414"N	103°37'19.820"W	0.00	
13200.00†	88.681	177.808	11193.56	2172.21	-2170.62	83.09	761236.19	449088.06	32°13'57.425"N	103°37'19.783"W	0.00	
13300.00†	88.681	177.808	11195.86	2272.18	-2270.52	86.92	761240.01	448988.17	32°13'56.437"N	103°37'19.746"W	0.00	
13400.00†	88.681	177.808	11198.17	2372.16	-2370.42	90.74	761243.84	448888.27	32°13'55.448"N	103°37'19.709"W	0.00	
13500.00†	88.681	177.808	11200.47	2472.13	-2470.32	94.56	761247.66	448788.37	32°13'54.459"N	103°37'19.673"W	0.00	
13600.00†	88.681	177.808	11202.77	2572.10	-2570.22	98.39	761251.48	448688.48	32°13'53.470"N	103°37'19.636"W	0.00	
13700.00†	88.681	177.808	11205.07	2672.08	-2670.12	102.21	761255.31	448588.58	32°13'52.482"N	103°37'19.599"W	0.00	
13800.00†	88.681	177.808	11207.37	2772.05	-2770.02	106.04	761259.13	448488.68	32°13'51.493"N	103°37'19.562"W	0.00	
13900.00†	88.681	177.808	11209.67	2872.02	-2869.92	109.86	761262.96	448388.79	32°13'50.504"N	103°37'19.525"W	0.00	
14000.00†	88.681	177.808	11211.97	2972.00	-2969.82	113.69	761266.78	448288.89	32°13'49.515"N	103°37'19.489"W	0.00	
14100.00†	88.681	177.808	11214.27	3071.97	-3069.72	117.51	761270.60	448188.99	32°13'48.527"N	103°37'19.452"W	0.00	
14200.00†	88.681	177.808	11216.57	3171.94	-3169.62	121.33	761274.43	448089.10	32°13'47.538"N	103°37'19.415"W	0.00	
14300.00†	88.681	177.808	11218.87	3271.92	-3269.52	125.16	761278.25	447989.20	32°13'46.549"N	103°37'19.378"W	0.00	
14400.00†	88.681	177.808	11221.18	3371.89	-3369.42	128.98	761282.08	447889.30	32°13'45.560"N	103°37'19.341"W	0.00	
14500.00†	88.681	177.808	11223.48	3471.86	-3469.32	132.81	761285.90	447789.41	32°13'44.572"N	103°37'19.304"W	0.00	
14600.00†	88.681	177.808	11225.78	3571.84	-3569.22	136.63	761289.73	447689.51	32°13'43.583"N	103°37'19.268"W	0.00	
14700.00†	88.681	177.808	11228.08	3671.81	-3669.12	140.45	761293.55	447589.61	32°13'42.594"N	103°37'19.231"W	0.00	
14800.00†	88.681	177.808	11230.38	3771.78	-3769.02	144.28	761297.37	447489.72	32°13'41.605"N	103°37'19.194"W	0.00	
14900.00†	88.681	177.808	11232.68	3871.76	-3868.92	148.10	761301.20	447389.82	32°13'40.617"N	103°37'19.157"W	0.00	
15000.00†	88.681	177.808	11234.98	3971.73	-3968.82	151.93	761305.02	447289.92	32°13'39.628"N	103°37'19.120"W	0.00	
15100.00†	88.681	177.808	11237.28	4071.71	-4068.73	155.75	761308.85	447190.03	32°13'38.639"N	103°37'19.084"W	0.00	
15200.00†	88.681	177.808	11239.58	4171.68	-4168.63	159.58	761312.67	447090.13	32°13'37.650"N	103°37'19.047"W	0.00	
15300.00†	88.681	177.808	11241.89	4271.65	-4268.53	163.40	761316.49	446990.23	32°13'36.662"N	103°37'19.010"W	0.00	
15400.00†	88.681	177.808	11244.19	4371.63	-4368.43	167.22	761320.32	446890.34	32°13'35.673"N	103°37'18.973"W	0.00	
15500.00†	88.681	177.808	11246.49	4471.60	-4468.33	171.05	761324.14	446790.44	32°13'34.684"N	103°37'18.936"W	0.00	
15600.00†	88.681	177.808	11248.79	4571.57	-4568.23	174.87	761327.97	446690.54	32°13'33.695"N	103°37'18.899"W	0.00	
15652.66	88.681	177.808	11250.00[1]	4624.22	-4620.83	176.89	761329.98	446637.94	32°13'33.175"N	103°37'18.880"W	0.00	No.1 PBHL

Planned Wellpath Report

Prelim_1

REFERENCE WELLPATH IDENTIFICATION			
Operator	**Cimarex Energy Co.**	Slot	**No.1 SHL**
Area	**Lea County, NM**	Well	**No.1**
Field	**(Dos Equis) Sec 12, T24S, R32E**	Wellbore	**No.1 PWB**
Facility	**Dos Equis 12 Fed Com #1**		

HOLE & CASING SECTIONS - **Ref Wellbore: No.1 PWB** **Ref Wellpath: Prelim_1**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
17.5in Casing	0.00	1225.00	1225.00	0.00	1225.00	0.00	0.00	0.00	0.00
12.25in Casing	0.00	4900.00	4900.00	0.00	4900.00	0.00	0.00	0.00	0.00
8.75in Open Hole	0.00	15652.66	15652.66	0.00	NA	0.00	0.00	NA	NA

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
1) No.1 PBHL	15652.66	11250.00	-4620.83	176.89	**761329.98**	**446637.94**	32°13'33.175"N	103°37'18.880"W	point

SURVEY PROGRAM - **Ref Wellbore: No.1 PWB** **Ref Wellpath: Prelim_1**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	15652.66	NaviTrak (Standard)		No.1 PWB

SR & A

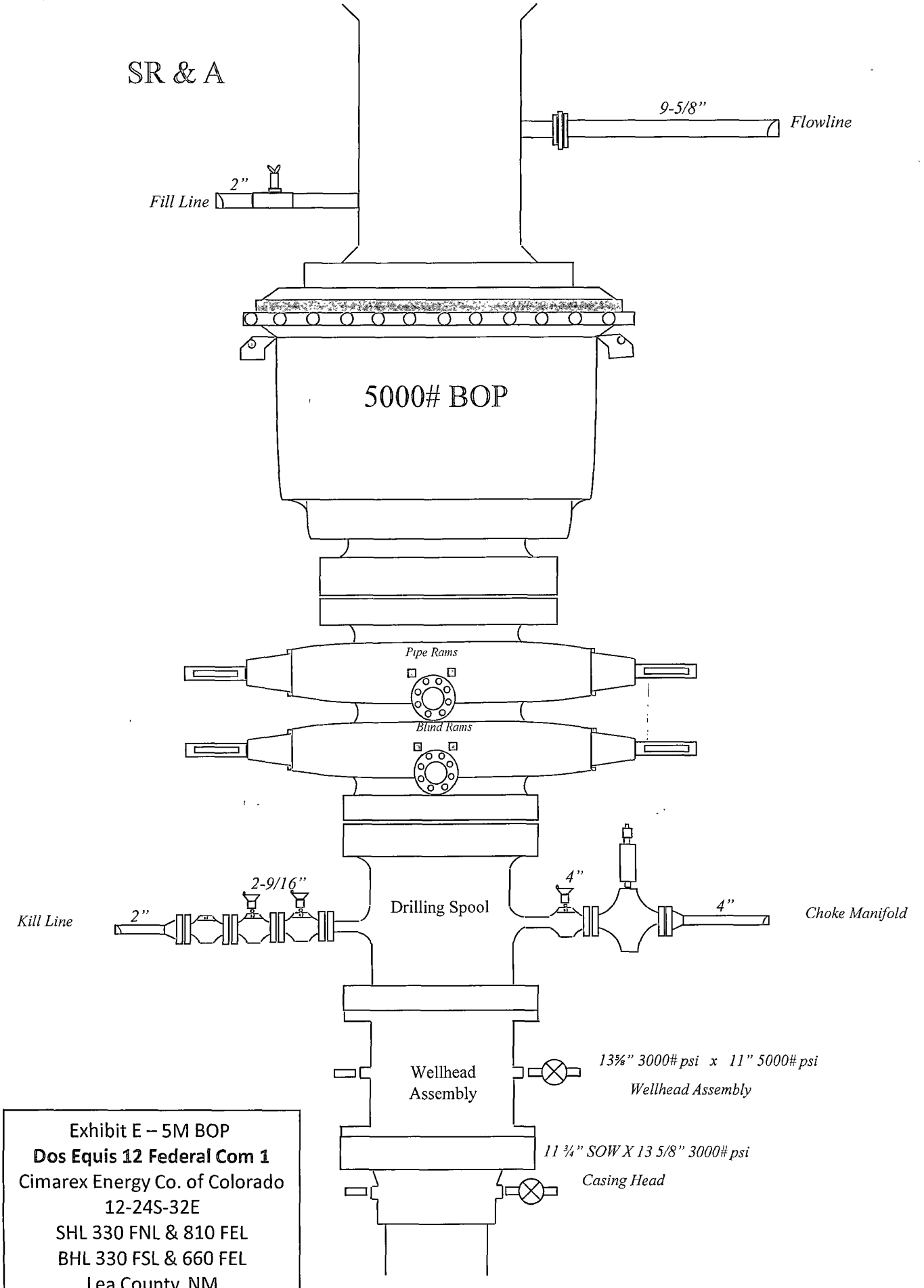
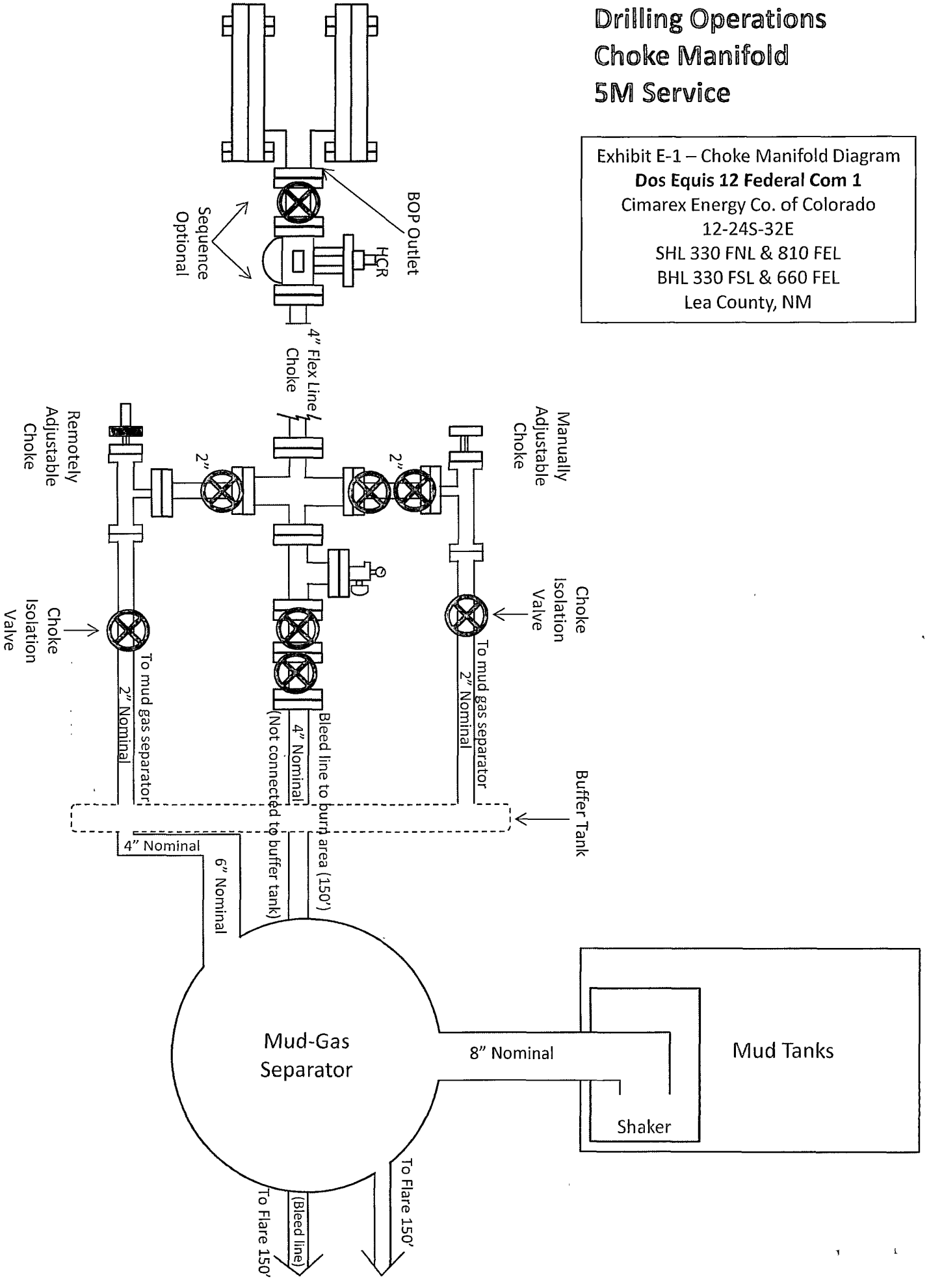
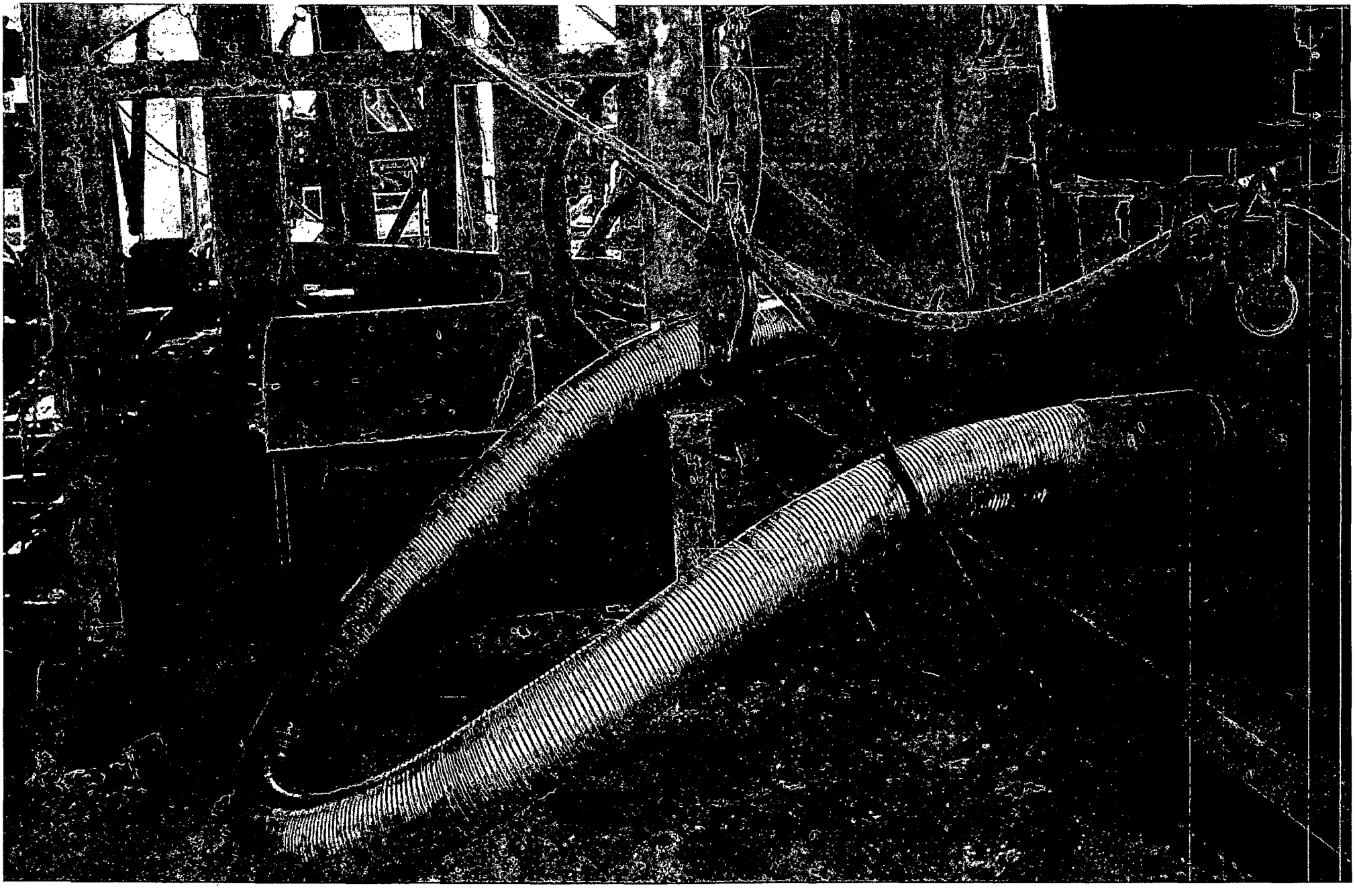


Exhibit E – 5M BOP
Dos Equis 12 Federal Com 1
Cimarex Energy Co. of Colorado
12-24S-32E
SHL 330 FNL & 810 FEL
BHL 330 FSL & 660 FEL
Lea County, NM

Drilling Operations
Choke Manifold
5M Service

Exhibit E-1 – Choke Manifold Diagram
Dos Equis 12 Federal Com 1
Cimarex Energy Co. of Colorado
12-24S-32E
SHL 330 FNL & 810 FEL
BHL 330 FSL & 660 FEL
Lea County, NM





Cactus Rig 115
Serial # 63270

MIDWEST

HOSE AND SPECIALTY INC.

INTERNAL HYDROSTATIC TEST REPORT		
Customer: CACTUS DRILLING		P.O. Number: RIG#147
HOSE SPECIFICATIONS		
Type: CHOKE & KILL		Length: 35'
I.D. 4" *INCHES*	O.D. 8"	
WORKING PRESSURE 10,000 *PSI*	TEST PRESSURE 15,000	BURST PRESSURE
COUPLINGS		
Stem Part No. E4.0X64WB	Ferrule No. FERRULE-128	
Type of Coupling: 4-1/16 10K FLANGE(BX-155)	Die Size:	
PROCEDURE		
Hose assembly pressure tested with water at ambient temperature.		
TIME HELD AT TEST PRESSURE 15 *MIN.*	ACTUAL BURST PRESSURE: 0 *PSI*	
COMMENTS: SERIAL#63270		
Date: 7/14/2010	Tested By: BOBBY FINK	Approved: BRENT BURNETT

Midwest Hose
& Specialty, Inc.

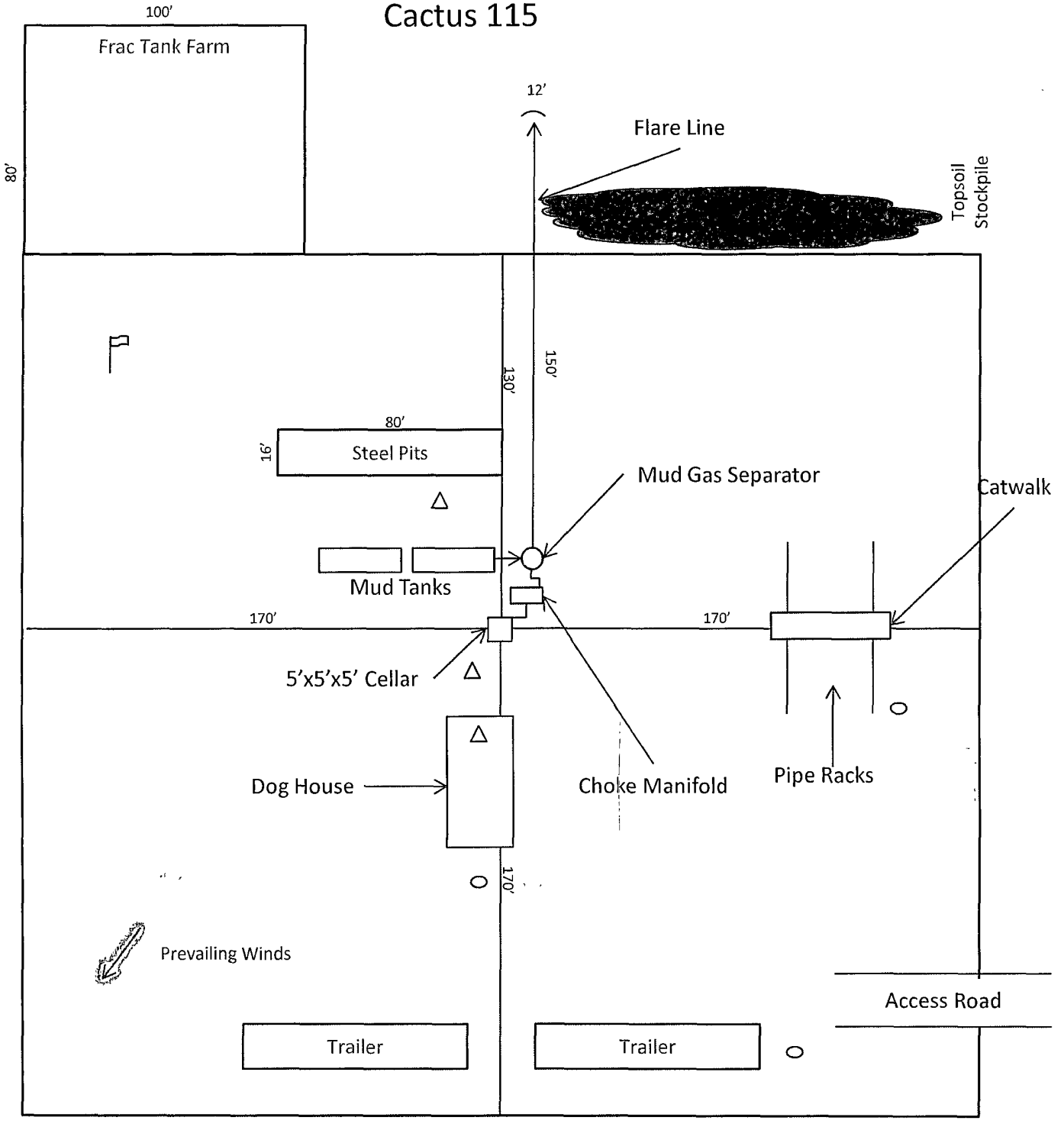
Specification Sheet
Choke & Kill Hose

The Midwest Hose & Specialty Choke & Kill hose is manufactured with only premium componets.The reinforcement cables, inner liner and cover are made of the highest quality material to handle the tough drilling applications of today's industry. The end connections are available with API flanges, API male threads, hubs, hammer unions or other special fittings upon request. Hose assembly is manufactured to API 7K. This assembly is wrapped with fire resistant vermculite coated fiberglass insulation, rated at 2000 degrees with stainless steel armor cover.

Working Pressure:	5,000 or 10,000 psi working pressure
Test Pressure:	10,000 or 15,000 psi test pressure
Reinforcement:	Multiple steel cables
Cover:	Stainless Steel Armor
Inner Tube:	Petroleum resistant, Abrasion resistant
End Fitting:	API flanges, API male threads, threaded or butt weld hammer unions, unibolt and other special connections
Maximum Length:	110 Feet
ID:	2-1/2", 3", 3-1/2", 4"
Operating Temperature:	-22 deg F to +180 deg F (-30 deg C to +82 deg C)

P.O. Box 96558 – 1421 S.E. 29th St. Oklahoma City, OK 73143 * (405) 670-6718 * Fax: (405) 670-6816

Cactus 115



Wind Direction Indicators (wind sock or streamers)

△ • H2S Monitors (alarms at bell nipple and shale shaker)

○ Briefing Areas

Exhibit D – Rig Diagram
Dos Equis 12 Federal Com 1
Cimarex Energy Co. of Colorado
12-24S-32E
SHL 330 FNL & 810 FEL
BHL 330 FSL & 660 FEL
Lea County, NM

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