

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: ☒ DRILL ☐ REENTER		5. Lease Serial No SHL NM-33953 BHL LC-063622	
1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone		6. If Indian, Allottee or Tribe Name	
2. Name of Operator Cimarex Energy Co. of Colorado (162687)		7. If Unit or CA Agreement, Name and No. Pending	
3a. Address 600 N. Marienfeld St., Ste. 600; Midland, TX 79701		8. Lease Name and Well No. Penny Pincher Federal Com No. 2 (37988)	
3b. Phone No. (include area code) 432-571-7800		9. API Well No 30-015- 79450	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At Surface 330 FNL & 1980 FWL (C) At proposed prod Zone 330 FSL & 1980 FWL Horizontal Bone Spring test		10. Field and Pool, or Exploratory Hackberry; Bone Spring (29345)	
14. Distance in miles and direction from nearest town or post office*		11. Sec., T R M or Blk and Survey or Area 21-195-31E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line if any) 330'		12. County or Parish Eddy	
16. No of acres in lease NM-33953 - 200 acres LC-063622 - 1080 acres		13. State NM	
17. Spacing Unit dedicated to this well E2W2 160 acres		18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 660'	
19. Proposed Depth MD 13452 TVD 8981		20. BLM/BIA Bond No. on File NM-2575	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3482' GR ✓		22. Approximate date work will start* 10.15.11	
23. Estimated duration 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 | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan | 5. Operator Certification |
| 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). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>Zeno Farris</i>	Name (Printed/Typed) Zeno Farris	Date 08.09.11
Title Manager Operations Administration		
Approved By (Signature) <i>/s/ Don Peterson</i>	Name (Printed/Typed)	Date
Title CARLSBAD FIELD OFFICE	Office FIELD MANAGER	SEP 09 2011

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)

Capitan Controlled Water Basin

KAB 09/26/11

KAB

SEE ATTACHED FOR
CONDITIONS OF APPROVALApproval Subject to General Requirements
& Special Stipulations Attached

Application to Drill
Penny Pincher Federal Com No. 2
 Cimarex Energy Co. of Colorado
 Unit C, Section 21
 T19S-R31E, Eddy County, NM

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 & 1980 FWL
 BHL 330 FSL & 1980 FWL
- 2 Elevation above sea level: 3482' GR
- 3 Geologic name of surface formation: Quaternary 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 13452 TVD 8981
- 6 Estimated tops of geological markers:

Rustler	475'	Capitan Dolomite	4188'
Top Salt	930'	Bell Canyon	4290'
Tansill	2335'	Bone Spring	6872'
Yates	2346'	FBSS	7755'
7 Rivers	2590'	SBSS	8640'
- 7 Possible mineral bearing formation:

Delaware	Oil
Bone Spring	Oil

8 Proposed Mud Circulating System:

Depth	Mud Wt	Visc	Fluid Loss	Type Mud
0' to 505 550'	8.4 - 8.6	28	NC	FW spud mud
550' to 2600'	10.0	30-32	NC	Brine
2600' to 4200'	10.0	30-32	NC	Brine FW
4200' to 13452'	8.4 - 9.0	30-32	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

After setting surface 1 & 2 and intermediate casing, drill 8 3/4" hole to KOP @ 8715 and drill to TD @ 13452. Run 5 1/2" 17# P110 LTC from 0-13452 and cement as shown on following page.

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9 Casing & Cementing Program:

String	Hole Size	Depth	Casing OD	Weight	Collar	Grade
Surface 1	26"	0' to 505'	New 20"	94#	STC	H-40
Surface 2	17½"	0' to 2125'	New 13¾"	61#	BTC	J-55
Intermediate	12¾"	0' to 4200'	New 9¾"	36#	LTC	J-55
Production	8¾"	0' to 13452'	New 5½"	17#	LTC	P-110

10 Cementing:

Surface 1 Lead: 1345SKS Halcem C + 2% CaCl 14.2ppg, 1.34yield, 100% excess

TOC Surface

Surface 2 Lead: 2385SKS EconoCem + 5% salt + 5 lbm gilsonite 13.5ppg, 1.75yield, 100% Excess

Tail: 255SKS HalCem + 2% CaCl 14.2ppg, 1.34 yield, 50% Excess

TOC Surface

Intermediate Lead: 970SKS EconoCem + 5% salt + 5 lbm gilsonite 14.6ppg, 1.54yield, 70% Excess

Tail: 160KS HalCem + 1% CaCl 14.8ppg, 1.34 yield, 70% Excess

TOC Surface

Production Lead: 1250SKS EconoCem - H + 0.5% CFR-3 + 0.1% HR-601 11.9ppg, 2.44yield, 70% Excess

Tail: 200SKS Versacem - H + 0.5% Halad(R)-344 + 0.4% CFR-3 + 1 lbm/sk salt + 0.1% HR-601 14.5ppg, 1.22 yield, 25% Excess

TOC 2500'

According to the State Engineer, depth to groundwater is 295. Fresh water zones will be protected by setting 20" casing at 550' and cementing to surface. Hydrocarbon zones will be protected by setting 13¾" casing at 2600' and cementing to surface, 9¾" casing at 4200 and cementing to surface, and 5½" at 13452 and cementing to 2500.'

<u>Collapse Factor</u>	<u>Burst Factor</u>	<u>Tension Factor</u>
1.125	1.125	1.6

11 Pressure control Equipment:

From the base of the 20" surface pipe, the well will be equipped with a 2M diverter system with rotating head (see exhibit E-1). From the base of the 13¾" casing through the running of production casing, the well will be equipped with a 5000 psi BOP system tested to 3000 psi. A 13¾" 5000 PSI working pressure BOP tested to 3000 psi 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 as needed. 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 separator will be available if drilling in H2S areas.

BOP unit will be hydraulically operated. BOP will be nipped 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.

BOPs will be tested by an independent service company to 250 psi low and 3000 psi high. Hydril will be tested to 250 psi low and 1500 psi 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: 10,000psi Anchors required by manufacturer – Yes/No

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Unit C, Section 21
T19S-R31E, Eddy County, NM

12 Testing, Logging and Coring Program: *See CoA*

- A. Mud logging program: 2 man unit from 4200' to TD
- B. Electric logging program: CNL / LDT / CAL / GR, DLL / CAL / GR
- 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 H₂S from the surface to the Bone Spring formations to meet the BLM's minimum requirements for the submission of an "H₂S Drilling Operation Plan" or "Public Protection Plan" for the drilling and completion of this well. Since we have an H₂S Safety package on all wells, attached is an "H₂S 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 4000 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

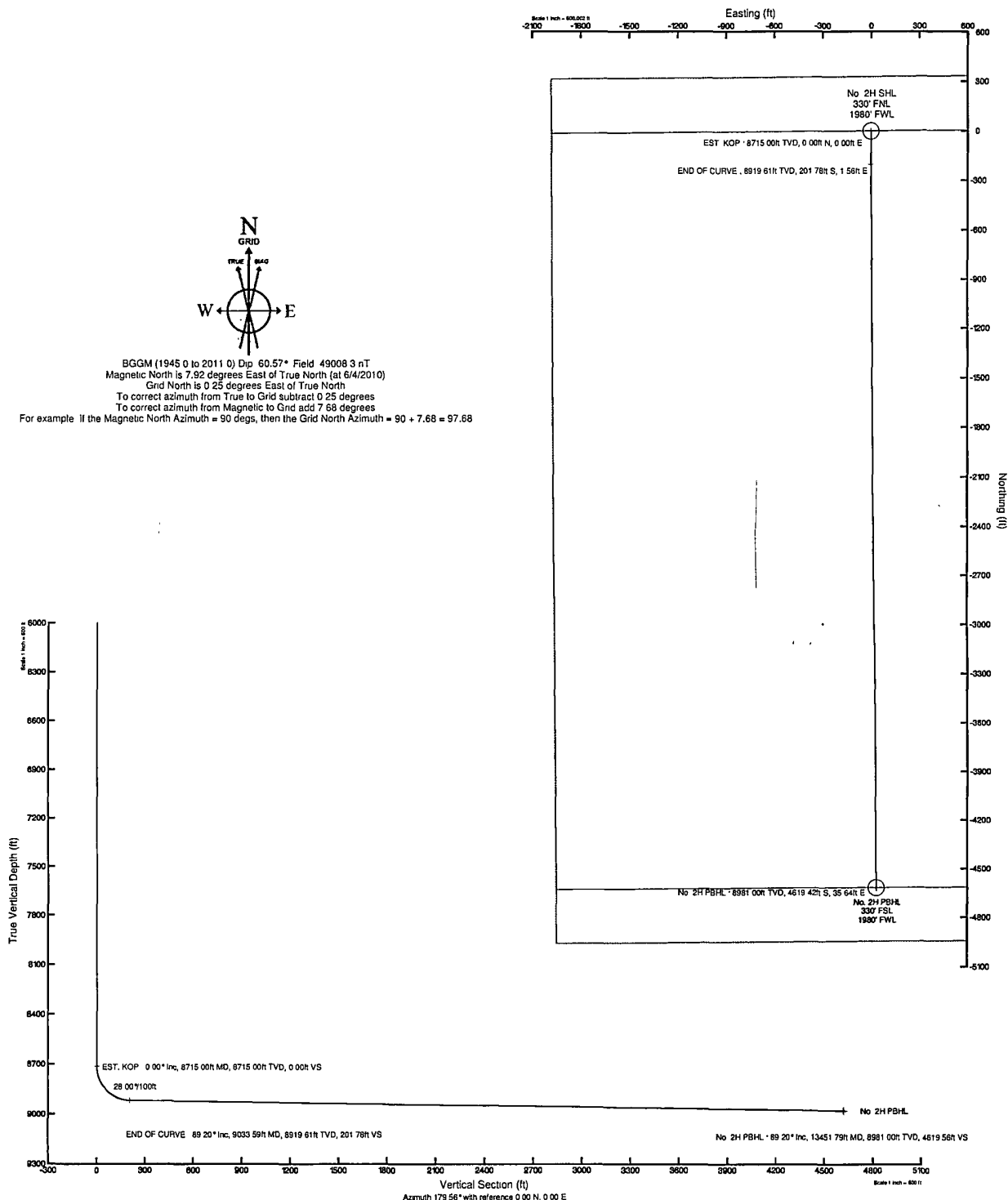
If production casing is run an additional 30 days will be required to complete and construct surface facilities.

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 potentialized as an oil well.





Planned Wellpath Report

Prelim_1

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Cimarex Energy Co.	Slot	No. 2H SHL
Area	Eddy County, NM	Well	No. 2H
Field	(Penny) Sec 21, T19S, R31E	Wellbore	No. 2H PWB
Facility	Penny Pincher Fed Com No. 2H		

REPORT SETUP INFORMATION			
Projection System	NAD83 / TM New Mexico State Planes, Eastern Zone (3001), US feet	Software System	WellArchitect® 2.0
North Reference	Grid	User	Victor Hernandez
Scale	0.999932	Report Generated	6/4/2010 at 3:02:59 PM
Convergence at slot	0.25° East	Database/Source file	WA_Midland/No. 2H_PWB.xml

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	0.00	0.00	681958.50	601329.30	32°39'08.172"N	103°52'35.176"W
Facility Reference Pt			681958.50	601329.30	32°39'08.172"N	103°52'35.176"W
Field Reference Pt			681958.50	601329.30	32°39'08.172"N	103°52'35.176"W

WELLPATH DATUM			
Calculation method	Minimum curvature	Rig on No. 2H SHL (GL) to GL	0.00ft
Horizontal Reference Pt	SL	Rig on No. 2H SHL (GL) to Mean Sea Level	3482.00ft
Vertical Reference Pt	Rig on No. 2H SHL (GL)	GL to Mud Line (Facility)	0.00ft
MD Reference Pt	Rig on No. 2H SHL (GL)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	179.56°



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Facility	Penny Pincher Fed Com No. 2H		

WELLPATH DATA (51 stations) † = interpolated/extrapolated station												
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00	0.000	179.558	0.00	0.00	0.00	0.00	681958.50	601329.30	32°39'08.172"N	103°52'35.176"W	0.00	Tie On
8715.00	0.000	179.558	8715.00	0.00	0.00	0.00	681958.50	601329.30	32°39'08.172"N	103°52'35.176"W	0.00	EST. KOP
8815.00†	28.000	179.558	8811.07	23.95	-23.95	0.18	681958.68	601305.35	32°39'07.935"N	103°52'35.175"W	28.00	
8915.00†	56.000	179.558	8884.64	90.20	-90.20	0.70	681959.20	601239.11	32°39'07.280"N	103°52'35.172"W	28.00	
9015.00†	84.000	179.558	8918.51	183.24	-183.23	1.41	681959.91	601146.08	32°39'06.359"N	103°52'35.168"W	28.00	
9033.59	89.204	179.558	8919.61	201.78	-201.78	1.56	681960.06	601127.54	32°39'06.175"N	103°52'35.168"W	28.00	END OF CURVE
9115.00†	89.204	179.558	8920.74	283.19	-283.18	2.18	681960.68	601046.14	32°39'05.370"N	103°52'35.164"W	0.00	
9215.00†	89.204	179.558	8922.13	383.18	-383.17	2.96	681961.46	600946.16	32°39'04.381"N	103°52'35.160"W	0.00	
9315.00†	89.204	179.558	8923.52	483.17	-483.16	3.73	681962.23	600846.18	32°39'03.391"N	103°52'35.156"W	0.00	
9415.00†	89.204	179.558	8924.91	583.16	-583.15	4.50	681963.00	600746.20	32°39'02.402"N	103°52'35.152"W	0.00	
9515.00†	89.204	179.558	8926.30	683.15	-683.13	5.27	681963.77	600646.22	32°39'01.413"N	103°52'35.148"W	0.00	
9615.00†	89.204	179.558	8927.69	783.14	-783.12	6.04	681964.54	600546.24	32°39'00.423"N	103°52'35.144"W	0.00	
9715.00†	89.204	179.558	8929.08	883.13	-883.11	6.81	681965.31	600446.25	32°38'59.434"N	103°52'35.140"W	0.00	
9815.00†	89.204	179.558	8930.47	983.12	-983.09	7.59	681966.08	600346.27	32°38'58.445"N	103°52'35.136"W	0.00	
9915.00†	89.204	179.558	8931.86	1083.11	-1083.08	8.36	681966.86	600246.29	32°38'57.455"N	103°52'35.132"W	0.00	
10015.00†	89.204	179.558	8933.25	1183.10	-1183.07	9.13	681967.63	600146.31	32°38'56.466"N	103°52'35.128"W	0.00	
10115.00†	89.204	179.558	8934.63	1283.09	-1283.06	9.90	681968.40	600046.33	32°38'55.477"N	103°52'35.124"W	0.00	
10215.00†	89.204	179.558	8936.02	1383.09	-1383.04	10.67	681969.17	599946.35	32°38'54.487"N	103°52'35.120"W	0.00	
10315.00†	89.204	179.558	8937.41	1483.08	-1483.03	11.44	681969.94	599846.37	32°38'53.498"N	103°52'35.116"W	0.00	
10415.00†	89.204	179.558	8938.80	1583.07	-1583.02	12.21	681970.71	599746.39	32°38'52.508"N	103°52'35.112"W	0.00	
10515.00†	89.204	179.558	8940.19	1683.06	-1683.01	12.99	681971.48	599646.41	32°38'51.519"N	103°52'35.108"W	0.00	
10615.00†	89.204	179.558	8941.58	1783.05	-1782.99	13.76	681972.26	599546.43	32°38'50.530"N	103°52'35.104"W	0.00	
10715.00†	89.204	179.558	8942.97	1883.04	-1882.98	14.53	681973.03	599446.45	32°38'49.540"N	103°52'35.100"W	0.00	
10815.00†	89.204	179.558	8944.36	1983.03	-1982.97	15.30	681973.80	599346.47	32°38'48.551"N	103°52'35.096"W	0.00	
10915.00†	89.204	179.558	8945.75	2083.02	-2082.96	16.07	681974.57	599246.49	32°38'47.562"N	103°52'35.092"W	0.00	
11015.00†	89.204	179.558	8947.14	2183.01	-2182.94	16.84	681975.34	599146.51	32°38'46.572"N	103°52'35.088"W	0.00	
11115.00†	89.204	179.558	8948.53	2283.00	-2282.93	17.61	681976.11	599046.53	32°38'45.583"N	103°52'35.084"W	0.00	
11215.00†	89.204	179.558	8949.92	2382.99	-2382.92	18.39	681976.88	598946.55	32°38'44.594"N	103°52'35.080"W	0.00	
11315.00†	89.204	179.558	8951.31	2482.98	-2482.91	19.16	681977.66	598846.57	32°38'43.604"N	103°52'35.077"W	0.00	
11415.00†	89.204	179.558	8952.70	2582.97	-2582.89	19.93	681978.43	598746.59	32°38'42.615"N	103°52'35.073"W	0.00	



Planned Wellpath Report

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Area	Eddy County, NM	Well	No. 2H
Field	(Penny)-Sec 21, T19S, R31E	Wellbore	No. 2H PWB
Facility	Penny Pincher Fed Com No. 2H		

WELLPATH DATA (51 stations) † = interpolated/extrapolated station												
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]	Comments
11515.00†	89.204	179.558	8954.09	2682.96	-2682.88	20.70	681979.20	598646.61	32°38'41.626"N	103°52'35.069"W	0.00	
11615.00†	89.204	179.558	8955.48	2782.95	-2782.87	21.47	681979.97	598546.63	32°38'40.636"N	103°52'35.065"W	0.00	
11715.00†	89.204	179.558	8956.87	2882.94	-2882.85	22.24	681980.74	598446.65	32°38'39.647"N	103°52'35.061"W	0.00	
11815.00†	89.204	179.558	8958.26	2982.93	-2982.84	23.01	681981.51	598346.67	32°38'38.658"N	103°52'35.057"W	0.00	
11915.00†	89.204	179.558	8959.65	3082.92	-3082.83	23.79	681982.28	598246.69	32°38'37.668"N	103°52'35.053"W	0.00	
12015.00†	89.204	179.558	8961.04	3182.91	-3182.82	24.56	681983.06	598146.71	32°38'36.679"N	103°52'35.049"W	0.00	
12115.00†	89.204	179.558	8962.43	3282.90	-3282.80	25.33	681983.83	598046.73	32°38'35.690"N	103°52'35.045"W	0.00	
12215.00†	89.204	179.558	8963.81	3382.89	-3382.79	26.10	681984.60	597946.75	32°38'34.700"N	103°52'35.041"W	0.00	
12315.00†	89.204	179.558	8965.20	3482.88	-3482.78	26.87	681985.37	597846.77	32°38'33.711"N	103°52'35.037"W	0.00	
12415.00†	89.204	179.558	8966.59	3582.87	-3582.77	27.64	681986.14	597746.79	32°38'32.722"N	103°52'35.033"W	0.00	
12515.00†	89.204	179.558	8967.98	3682.86	-3682.75	28.42	681986.91	597646.81	32°38'31.732"N	103°52'35.029"W	0.00	
12615.00†	89.204	179.558	8969.37	3782.85	-3782.74	29.19	681987.68	597546.82	32°38'30.743"N	103°52'35.025"W	0.00	
12715.00†	89.204	179.558	8970.76	3882.84	-3882.73	29.96	681988.46	597446.84	32°38'29.754"N	103°52'35.021"W	0.00	
12815.00†	89.204	179.558	8972.15	3982.83	-3982.72	30.73	681989.23	597346.86	32°38'28.764"N	103°52'35.017"W	0.00	
12915.00†	89.204	179.558	8973.54	4082.82	-4082.70	31.50	681990.00	597246.88	32°38'27.775"N	103°52'35.013"W	0.00	
13015.00†	89.204	179.558	8974.93	4182.81	-4182.69	32.27	681990.77	597146.90	32°38'26.785"N	103°52'35.009"W	0.00	
13115.00†	89.204	179.558	8976.32	4282.81	-4282.68	33.04	681991.54	597046.92	32°38'25.796"N	103°52'35.005"W	0.00	
13215.00†	89.204	179.558	8977.71	4382.80	-4382.67	33.82	681992.31	596946.94	32°38'24.807"N	103°52'35.001"W	0.00	
13315.00†	89.204	179.558	8979.10	4482.79	-4482.65	34.59	681993.08	596846.96	32°38'23.817"N	103°52'34.997"W	0.00	
13415.00†	89.204	179.558	8980.49	4582.78	-4582.64	35.36	681993.86	596746.98	32°38'22.828"N	103°52'34.993"W	0.00	
13451.79	89.204	179.558	8981.00†	4619.56	-4619.42	35.64	681994.14	596710.20	32°38'22.464"N	103°52'34.991"W	0.00	No. 2H PBHL



Planned Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Cimarex Energy Co.	Slot	No. 2H SHL
Area	Eddy County, NM	Well	No. 2H
Field	(Penny) Sec 21, T19S, R31E	Wellbore	No. 2H PWB
Facility	Penny Pincher Fed Com No. 2H		

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
1) No. 2H PBHL	13451.79	8981.00	-4619.42	35.64	681994.14	596710.20	32°38'22.464"N	103°52'34.991"W	point

SURVEY PROGRAM Ref Wellbore: No. 2H PWB Ref Wellpath: Prelim_1				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	13451.79	NaviTrak (Standard)		No. 2H PWB

20" Diverter System

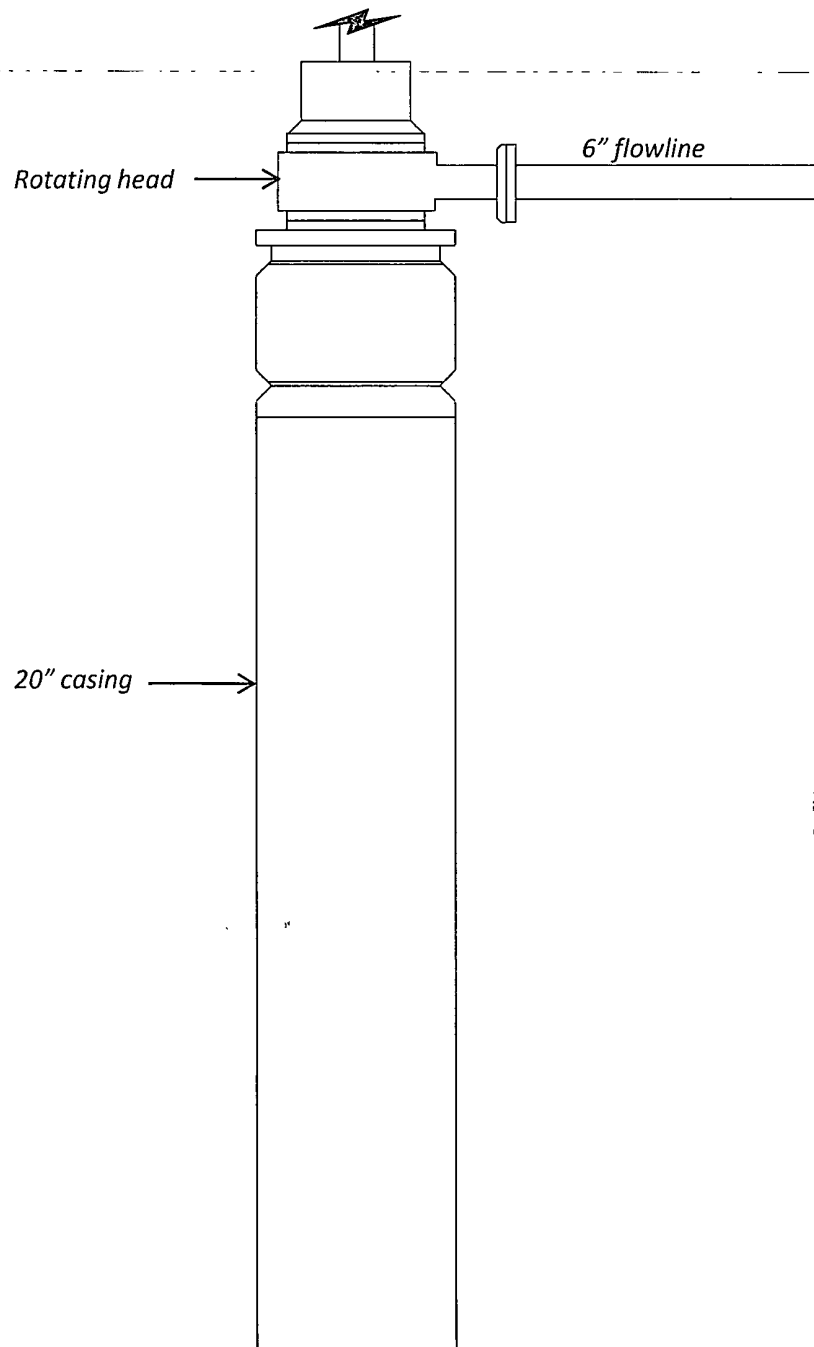


Exhibit E-1 – 20" Diverter System
Penny Pincher Federal Com No. 2
Cimarex Energy Co. of Colorado
21-19S-31E
SHL 330 FNL & 1980 FWL
BHL 330 FSL & 1980 FWL
Eddy County, NM

SR & A

9-5/8"

Flowline

Fill Line

2"

5000# BOP

Pipe Rams

Blind Rams

Drilling Spool

Kill Line

2"

2-9/16"

4"

Choke Manifold

4"

Wellhead Assembly

13 3/8" 5000# psi x 9 5/8" 3000# psi

Wellhead Assembly

13 3/8" 5000# psi

Slip-on Casing Head

Exhibit E – 5000# BOP tested to 3000#

Penny Pincher Federal Com No. 2

Cimarex Energy Co. of Colorado

21-19S-31E

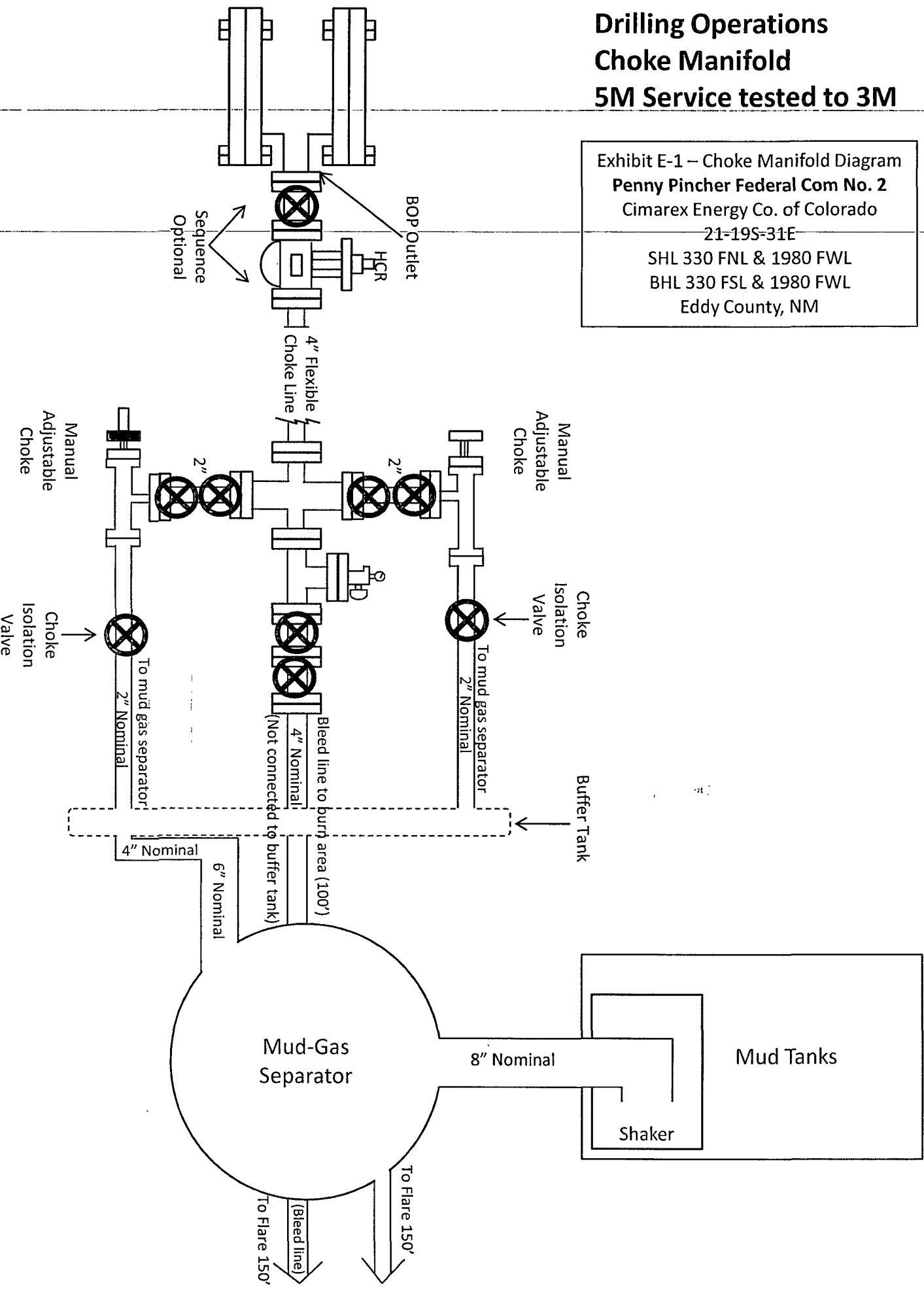
SHL 330 FNL & 1980 FWL

BHL 330 FSL & 1980 FWL

Eddy County, NM

Drilling Operations
Choke Manifold
5M Service tested to 3M

Exhibit E-1 – Choke Manifold Diagram
Penny Pincher Federal Com No. 2
Cimarex Energy Co. of Colorado
21-19S-31E
SHL 330 FNL & 1980 FWL
BHL 330 FSL & 1980 FWL
Eddy County, NM



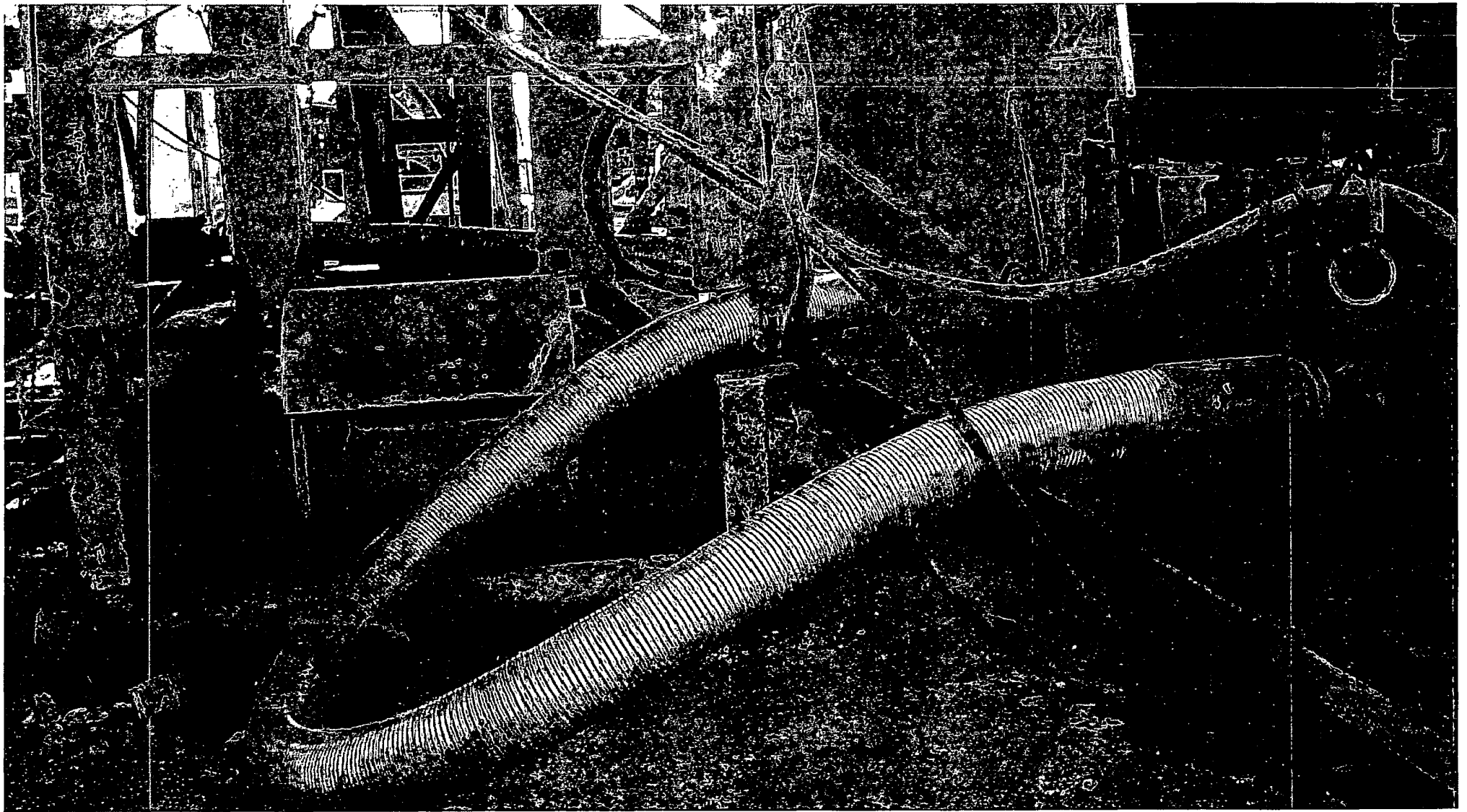


Midwest Hose
& Specialty, Inc.

Specification Sheet Choke & Kill Hose

The Midwest Hose & Specialty Choke & Kill hose is manufactured with only premium components. 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 vermiculite 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, unbolt 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)



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

TEST PRESSURE

BURST PRESSURE

10,000 PSI

15,000

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

ACTUAL BURST PRESSURE:

15 MIN.

0 PSI

COMMENTS:

SERIAL#63270

Date:

7/14/2010

Tested By:

BOBBY FINK

Approved:

BRENT BURNETT