OCD-ARTESIA

Form 3160 - 3 FORM APPROVED (February 2005) OMB No 1004-0137 Expires March 31, 2007 UNITED STATES 5. Lease Serial No. DEPARTMENT OF THE INTERIOR NMLC-063622 BUREAU OF LAND MANAGEMENT 6. If Indian, Allotee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REENTER 7 If Unit or CA Agreement, Name and No **✓** DRILL REENTER la Type of work. 8. Lease Name and Well No. lb. Type of Well Gas Well ✓ Single Zone Multiple Zone ✓ Oil Well Bellatrix 28 Fed 1H API Well No Name of Operator Devon Energy Production Co., LP 3b. Phone No. (include area 3a. Address 20 North Broadway OKC, OK 73102 (405)-552-7802 4. Location of Well (Report location clearly and in accordance with any State requirements.*) NENE 920' FNL & 790' FEL Lot A of Sec 29 At surface Sec 29-T19S-R31E NENE 400' FNL & 340' FEL Lot A of Sec 28 At proposed prod zone 12 County or Parish 13 State 14 Distance in miles and direction from nearest town or post office* Approximately 14 miles southeast of Loco Hills, NM. Eddy NM 15 Distance from proposed' 17. Spacing Unit dedicated to this well 16 No of acres in lease location to nearest property or lease line, ft (Also to nearest drig unit line, if any) 1080 acres 160 acres 340 20 BLM/BIA Bond No. on file 18 Distance from proposed location* to nearest well, drilling, completed, 19 Proposed Depth MTVD 9060' MD 14682' CO-1104 See Plat PH: 9440' NMB000801 applied for, on this lease, ft Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* Estimated duration 3488.1' GL 03/15/2012 45 days 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form Bond to cover the operations unless covered by an existing bond on file (see 1 Well plat certified by a registered surveyor Item 20 above) 2 A Drilling Plan 3 A Surface Use Plan (if)the location is on National Forest System Lands, the Operator certification SUPO must be filed with the appropriate Forest Service Office). Such other site specific information and/or plans as may be required by the Name (Printed/Typed) Date 25 Signature Stephanie A. Ysasaga 01/20/2012 Title Sr. Staff Engineering Technician Name (Printed/Typed) Approved by (Signature) /s/ Don Peterson MAY 2 1 2012

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

Office

Title 18, U.S.C. 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)

Title

Capitan Controlled Water Basin

FIELD MANAGER

RECEIVED

MAY 23 2012

NMOCD ARTESIA

Approval Subject to General Requirements & Special Stipulations Attached

CARLSBAD FIELD OFFICE

SEE ATTACHED FOR CONDITIONS OF APPROVAL <u>District 1</u> = 1 1625 N. French Dr., Hobbs, NNE 88240 <u>District II</u> 1304 W. Grand, Avenue, Artesia, NM 88210

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<u>District III</u> 1000 Rio Brazos Rd , Aztec, NM 87410 District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.

Santa Fe, NM 87505

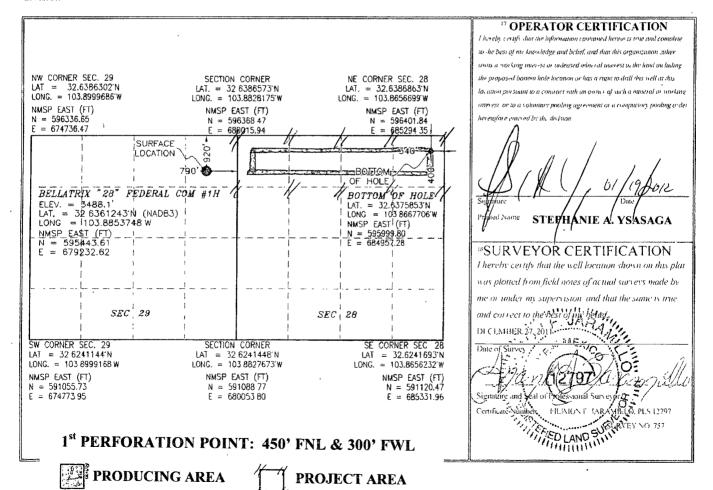
Form C-102 Revised October 15,2009 Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

			· LUD E	_		land Dept			- 14.			
30015	5-9031 29345 HACK BORR II Pool Name GATUNA CANYON; BONE											
Property (Code			7	Well Number							
3924	2		BELLATRIX "28" FED									
OGRID	No.				5 Flevation							
6137			DEV		3488.1							
					"Surface	Location						
UL or lot no.	Section	Fownship	Range	Let ldn	Feet-from the	North/South line	Feet from the	East/West line	County			
A	29	19 S	31 E		920	NORTH	7 90	EAST	EDDY			
			" Bo	ttom Ho	le Location It	Different Fron	n Surface					
(L. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	Last/West line	County			
\mathbf{A}	28	19 S	31 E		400	NORTH	340	EAST	EDDY			
12 Dedicated Acres	Doint or	tafill 12 C	Consolidation	Code 12 Or	dei No.				*			
160												

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



DRILLING PROGRAM

Devon Energy Production Company, LP

Bellatrix 28 Fed 1H

Surface Location: 920' FNL & 790' FEL, Unit A, Sec 29 T19S R31E, Eddy, NM Bottom hole Location: 400' FNL & 340' FEL, Unit A, Sec 28 T19S R31E, Eddy, NM

1. Geologic Name of Surface Formation

a. Quaternary

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

a.	Quaternary Alluvium	95'	Fresh Water
b.	Rustler	450'	Barren
c.	Salado .	575'	Barren
d.	Base Salado	1990'	Barren
e.	Tansil Dolomite	2040'	Barren
f.	Yates	2105'	Barren
g.	Seven Rivers	2355'	Barren
h.	Capitan	2480° ·	Barren
i.	B/Capitan	3780'	Barren
j.	Delaware	4275'	Oil
k.	Bone Springs	6775'	Oil .
1.	1 st Bone Spring Ss	8100'	Oil
m.	2 nd Bone Spring Lime	8350'	Oil
n.	2 nd Bone Spring Ss	8850'	Oil
o.	2 nd Bone Spring Middle Ss	8990'	Oil
p.	2 nd Bone Spring Middle Ss Bas	se 9090'	Oil
q.	3 rd Bone Spring Lm	9290'	Oil
r.	Pilot Hole	9440'	
s.	Total Depth TV	D 9060' MD	14682'

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water sands will be protected by setting 20" casing at 500' and circulating cement back to surface. The fresh water sands will be protected by setting 13 5/8" casing at 2400' and 9 5/8" casing at 4250' and circulating cement to surface. The Delaware intervals will be isolated by setting 5 ½" casing to total depth and circulating cement above the base of the 9 5/8" casing. All casing is new and API approved.

NOTE: THIS WELL WILL BE DRILLED WITH A PILOT HOLE (PH)

3. Casing Program:

Hole Size	<u>Hole</u>	OD Csg	<u>Casing</u>	Weight	<u>Collar</u>	<u>Grade</u>
	<u>Interval</u>		<u>Interval</u>			
26"	0-500'	20"	0'-500'	94#	BTC	J/K-55
17 1/2"	500'-2400'	13 3/8"	0'-2400'	. 68#	BTC	J/K-55
12 1/4"	2400'-4250'	9 5/8"	0'-4250'	40#	LTC	J-55
8 3/4"	4250'-8300'	5 ½"	0'-8300'	17#	LTC	HCP-110
8 3/4"	8300'- 14682'	5 ½"	8300'-14682'	1 <i>7</i> #	BTC	HCP-110

Max TVD: 9,060'

An 8-3/4" pilot hole will be drilled to 9,440' and plugged back to KOP with 450 sacks, Class H, 15.6 ppg, 1.18 cf/sk cement.

Design Parameter Factors:

Casing Size	<u>Collapse</u>	Burst Design	Tension Design
	Design Factor	Factor	Factor
20"	2.46	10.01	31.42
13 3/8"	1.44	2.55	3.82
9 5/8"	1.22	1.73	2.95
5 1/2" LTC	1.64	2.02	1.55
5 ½" BTC	1.84	2.27	5.22

4. Cement Program: (Note: All cement volumes are calculated with 25% excesses.)

a. 20" Surface Lead: 1200 sacks Class C Cement + 2% bwoc Calcium Chloride +

0.125 lbs/sack Cello Flake + 4% bwoc Bentonite + 81.4% Fresh

Water, 13.5 ppg, 1.75 cf/sk.

Tail: 300 sacks Class C Cement + 2% bwoc Calcium Chloride + 0.125 lbs/sack Cello Flake + 56.3% Fresh Water, 14.8 ppg, 1.35 cf/sk

TOC @ surface

b. 13 3/8" Intermediate Lead: 1800 sacks (60:40) Poz (Fly Ash) Class C'Cement + 2% bwoc Calcium Chloride + 0.125 lbs/sack Cello Flake + 6% bwoc Bentonite

+ 107.8 Fresh Water, 12.5 ppg, 1.73 cf/sk.

Tail: 400 sacks (60:40) Poz Class C Cement + 5% bwoc Calcium Chloride + 0.125 lbs/sack Cello Flake + 52.7% Fresh Water, 13.8 ppg,

1.38 cf/sk. TOC @ surface

c. 9 5/8" Intermediate

1st STAGE

Lead: 600 sacks (60:40) Poz (Fly Ash):Class C Cement + 5% bwow Sodium Chloride + 0.125 lbs/sack Cello Flake + 6% bwoc Bentonite + 107.8% Fresh Water, 12.5 ppg, 1.73 cf/sk

Tail: 300 sacks (60:40) Poz Class C Cement + 5% bwow Sodium Chloride + 0.125 lbs/sack Cello Flake + 0.4% bwoc Sodium Metasilicate + 4% bwoc MPA-5 + 52.7% Water, 13.8 ppg, 1.38 cf/sk

min, 50 bylow previous

→ 2nd STAGE (DV tool and ECP at 2,400')

Lead: 700 sacks (60:40) Poz (Fly Ash):Class C Cement + 5% bwow Sodium Chloride + 0.125 lbs/sack Cello Flake + 6% bwoc Bentonite + 107.8% Fresh Water, 12.5 ppg, 1.73 cf/sk

Tail: 200 sacks (60:40) Poz Class C Cement + 5% bwow Sodium Chloride + 0.125 lbs/sack Cello Flake + 0.4% bwoc Sodium Metasilicate + 4% bwoc MPA-5 + 52.7% Water, 13.8 ppg, 1.38 cf/sk TOC @ surface

c. 5 ½" Production

1st STAGE

Lead: 800 sacks (35:65) Poz (Fly Ash):Class H Cement + 5% bwow Sodium Chloride + 0.3% bwoc CD-32 + 0.5% bwoc FL-25 + 2% bwoc Bentonite + 0.6% bwoc Sodium Metasilicate + 0.5% bwoc FL-52A + 102.5% Fresh Water, 12.5 ppg, 2.00 cf/sk

Tail: 1,510 sacks (50:50) Poz (Fly Ash):Class H Cement + 1% bwow Sodium Chloride + 0.2% bwoc R-3 + 0.125 lbs/sack Cello Flake + 0.5% bwoc BA-10A + 4% bwoc MPA-5 + 58.3% Fresh Water, 14.2 ppg, 1.28 cf/sk

2nd STAGE (DV TOOL at ~5,500')

Lead: 800 sacks Class C Cement + 1% bwow Calcium Chloride + 0.125 lbs/sack Cello Flake + 157.8% Fresh Water, 11.4 ppg, 2.88 **cf/sk**

Tail: 150 sacks (60:40) Poz (Fly Ash):Class C Cement + 1% bwow Sodium Chloride + 0.2% bwoc R-3 + 0.125 lbs/sack Cello Flake + 0.5% bwoc BA-10A + 4% bwoc MPA-5 + 63.2% Fresh Water, 13.8 ppg, 1.38 cf/sk TOC @ 3.750°

- See COA

String TOC
20" Surface: Surface
13 3/8" Intermediate: Surface
9 5/8" Intermediate: Surface
5 ½" Production: 2.400"

The above cement volumes could be revised pending the caliper measurement from the open hole logs. Actual cement volumes will be adjusted bases on fluid caliper and caliper log data.

5. Pressure Control Equipment:

BOP DESIGN: The BOP system used to drill the 17-1/2" hole will consist of a 20" 2M Annular preventer. The BOP system will be tested as per BLM Onshore Oil and Gas Order No. 2 as a 2M system prior to drilling out the surface casing shoe.

The BOP system used to drill the 12-1/4" and 8-3/4" holes will consist of a 13-5/8" 3M Triple Ram and Annular preventer. The BOP system will be tested as per BLM Onshore Oil and Gas Order No. 2 as a 3M system prior to drilling out the prior casing shoe.

The pipe rams will be operated and checked each 24 hour period and each time the drill pipe is out of the hole. These tests will be logged in the daily driller's log. A 2" kill line and 3" choke line will be incorporated into the drilling spool below the ram BOP. In addition to the rams and annular preventer, additional BOP accessories include a kelly cock, floor safety valve, choke lines, and choke manifold rated at 3,000 psi WP.

Devon requests a variance to use a flexible line with flanged ends between the BOP and the choke manifold (choke line). The line will be kept as straight as possible with minimal turns.

6. Proposed Mud Circulation System

<u>Depth</u>	Mud Wt.	<u>Visc</u>	Fluid Loss	Type System
0' - 500'	8.4-9.0	28-34	NC	Fresh Water
500'-2400'	9.8-10.0	28-32	NC	Brine
2400'-4250'	8.4-9.0	28-32	NC	Fresh Water
4250'-14682'	8.4-9.0	28-32	NC-12	Fresh Water

The necessary mud products for weight addition and fluid loss control will be on location at all times.

7. Auxiliary Well Control and Monitoring Equipment:

- a. A Kelly cock will be in the drill string at all times.
- b. A full opening drill pipe stabbing valve having the appropriate connections will be on the rig floor at all times.
- c. Hydrogen Sulfide detection equipment will be in operation after drilling out the 20" casing shoe until the 5 1/2" casing is cemented. Breathing equipment will be on location upon drilling the 20" shoe until total depth is reached.

8. Logging, Coring, and Testing Program: S_{te} Copa

- a. Drill stem tests will be based on geological sample shows.
- b. If a drill stem test is anticipated; a procedure, equipment to be used and safety measures will be provided via sundry notice to the BLM.
- c. The open hole electrical logging program will be:
 - i. Total Depth to Intermediate Casing Dual Laterolog-Micro Laterolog with SP and Gamma Ray. Compensated Neutron Z Density log with Gamma Ray and Caliper.
 - ii. Total Depth to Surface Compensated Neutron with Gamma Ray

- iii. No coring program is planned
- iv. Additional testing will be initiated subsequent to setting the 5 ½" production casing. Specific intervals will be targeted based on log evaluation, geological sample shows and drill stem tests.

9. Potential Hazards:

a. No abnormal pressures or temperatures are expected. There is no known presence of H2S in this area. If H2S is encountered the operator will comply with the provisions of Onshore Oil and Gas Order No. 6. Possible lost circulation is expected to occur. All personnel will be familiar with all aspects of safe operation of equipment being used to drill this well. Estimated BHP 3800 psi and Estimated BHT 140°. No H2S is anticipated to be encountered.

10. Anticipated Starting Date and Duration of Operations:

a. Road and location construction will begin after the BLM has approved the APD. Anticipated spud date will be as soon after BLM approval and as soon as a rig will be available. Move in operations and drilling is expected to take 32 days. If production casing is run then an additional 30 days will be needed to complete well and construct surface facilities and/or lay flow lines in order to place well on production.



Devon Energy, Inc.

Eddy County Bellatrix "28" Federal Com #1H OH

Plan: Plan #1

PathfinderX & Y Report

24 January, 2012





Map Zone:

Pathfinder

PathfinderX & Y Report



 Company:
 Devon Energy, Inc.
 Local Co-ordinate Reference
 Well #1H

 Project:
 Eddy County
 TVD Reference:
 KB = 26 @ 3514.1usft (H&P 300)

 Site:
 Bellatrix "28" Federal Com
 MD,Reference:
 KB = 26 @ 3514.1usft (H&P 300)

 Well:
 North Reference:
 Grid

Wellbore.
OH
Design Plan #1
Survey Calculation Method: Minimum Curvature
Double Design Plan #1

Project Eddy County

New Mexico Eastern Zone

Map System; US State Plane 1983 System Datum: Mean Sea Level

Geo Datum: North American Datum 1983

Bellatrix "28" Federal Com 595,443.610 usft 32° 38' 10.047 N Site Position. Northing: Latitude: 103° 53' 7.349 W From: Мар Easting: 679,232.620 usft Longitude: 0.24° 13-3/16 " **Grid Convergence: Position Uncertainty:** 00 usft Slot Radius:

Well - Fa #1H 32" 38' 10.047 N **Well Position** +N/-S 0.0 usft 595,443.610 usft Latitude: Northing: 103° 53' 7.349 W +E/-W 0 0 usft Easting: 679,232 620 usft Longitude: Ground Level: 3,488.1 usft **Position Uncertainty** 0 0 usft Wellhead Elevation: usft

Design 6 Audit Notes: Version: PLAN 0.0 Phase¹ Tie On Depth: Vertical Section: +E/-W Direction Depth From (TVD) (usft) 0.0 0.0 0.0 84.45





A Schlumberger Company

Company Devon Energy, Inc.
Project: Eddy County
Site: Bellatrix "28" Federal Com
Well
Wellbore OH
Design: Plan #1

Local Co-ordinate Reference: Well #1H

TVD Reference: KB = 26 @ 3514.1usft (H&P 300)

MD Reference: KB = 26 @ 3514.1usft (H&P 300)

North Reference: Gnd

Survey Calculation Method: EDM 5000.1 Single User Db

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Company Devon Energy, Inc.
Project: Eddy County
Site: Bellatrix "28" Federal Com
Well: #1H
Wellbore: OH

Design: Plan #1

Local Co-ordinate Reference:

TVD Reference:

North Reference:

Survey Calculation Method:

Database

Well #1H

KB = 26 @ 3514.1usft (H&P 300)

KB = 26 @ 3514.1usft (H&P 300)

Minimum Curvature

EDM 5000.1 Single User Db

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4,400	0.00	0.00	4,400.0	885.9	0.0	0.0	0.0	0.00	595,443.61	679,232 62
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4,600	0.00	0.00	4,600.0	1,085.9	0.0	0 0	0.0	00.0	595,443.61	679,232 62
4,700	0 0 00	0.00	4,700.0	1,185 9	0.0	0.0	0.0	0 00	595,443 61	679,232 62
4,800	0.00	0 00	4,800.0	1,285.9	0.0	0.0	0.0	0.00	595,443 61	679,232.62
4,900	0.00	0.00	4,900.0	1,385.9	0.0	0.0	0.0	0.00	595,443.61	679,232 62
5,000	0.00	0 00 -	5,000.0	1,485.9	0.0	0.0	0.0	0.00	595,443 61	679,232.62

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595,443.61

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595,443.61





Company Devon Energy, Inc.
Project: Eddy County

Bellatrix "28" Federal Com-

Company:
Project:
Site:
Well:
Wellbore:
Design:

Local Co-ordinate Reference:

TVD Reference: MD Reférence:

North Reference: Survey Calculation Method:

Database:

Well #1H

KB = 26 @ 3514.1usft (H&P 300) KB = 26 @ 3514.1usft (H&P 300)

Minimum Curvature

EDM 5000.1 Single User Db

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MD (usft)	nc Azi (°)	(azimuth)	TVD (usft)	TVDSS (usft)	- 15 1 - 15 A A A A A A A A A A A A A A A A A A			DLegi 100usft)	Northing (usft)	Easting (Control of the Control of t
5,400.0	0.00	0.00	5,400.0	1,885.9	0.0	0.0	0.0	0.00	595,443.61	679,232 62
5,500.0	0 00	0 00	5,500.0	1,985.9	0.0	0.0	0.0	0.00	595,443.61	679,232 62
5,600.0	0 00	0.00	5,600.0	2,085.9	0.0	0.0	0.0	0.00	595,443.61	679,232 62
5,700 0	0.00	0.00	5,700.0	2,185.9	0.0	0.0	0.0	0.00	595,443.61	679,232.62
5,800.0	0 00	0.00	5,800.0	2,285.9	0.0	0.0	0.0	0.00	595,443.61	679,232 62
5,900.0	0 00	0.00	5,900.0	2,385.9	0.0	0.0	0.0	0.00	595,443.61	679,232.62
6,000 0	0.00	0 00	6,000.0	2,485.9	0.0	0.0	0.0	0.00	595,443.61	679,232 62
6,100 0	0.00	0 00	6,100.0	2,585.9	0.0	0.0	0.0	0.00	595,443 61	679,232.62
6,200 0	0.00	0.00	6,200.0	2,685.9	0.0	0.0	0.0	0.00	595,443.61	679,232 62
6,300 0	0.00	0.00	6,300.0	2,785.9	0.0	0.0	0.0	0.00	595,443.61	679,232.62
6,400.0	0 00	0 00	6,400.0	2,885.9	0.0	0.0	0.0	0 00	595,443.61	679,232 62
6,500 0	0.00	0 00	6,500.0	2,985.9	0.0	0.0	0.0	0.00	595,443.61	679,232 62
6,600 0	0 00	0.00	6,600 0	3,085.9	0.0	0.0	0.0	0.00	595,443.61	679,232 62
6,700.0	0.00	0 00	6,700.0	3,185.9	0.0	0.0	0.0	0.00	595,443.61	679,232 62
6,800.0	0 00	0.00	6,800.0	3,285.9	0.0	0.0	0.0	0.00	595,443.61	679,232 62
6,900 0	0 00	0.00	6,900.0	3,385.9	00	0.0	0.0	0.00	595,443 61	679,232 62
7,000.0	0.00	0.00	7,000.0	3,485.9	0.0	0.0	0.0	0.00	595,443 61	679,232.62
7,100 0	0.00	0.00	7,100.0	3,585.9	0.0	0.0	00	0.00	595,443.61	679,232 62
7,200.0	0.00	0.00	7,200.0	3,685.9	0.0	0.0	0.0	0.00	595,443.61	679,232.62
7,300 0	0.00	0.00	7,300.0	3,785.9	0.0	0.0	0.0	00.0	595,443.61	679,232 62
7,400.0	0.00	0.00	7,400.0	3,885.9	0.0	0.0	0.0	0.00	595,443.61	679,232.62
7,\$00.0	0.00	0.00	7,500.0	3,985.9	0.0	0.0	0.0	00.0	595,443 61	679,232 62
7,600.0	0.00	0.00	7,600.0	4,085.9	0.0	0.0	0.0	0.00	595,443.61	679,232.62
7,700 0	0.00	0 00	7,700.0	4,185.9	0.0	0.0	0.0	0.00	595,443.61	679,232 62
7,800 0	0.00	0 00	7,800.0	4,285.9	0.0	0.0	0.0	0.00	595,443.61	679,232 62
7,900.0	0.00	0.00	7,900 0	4,385.9	0.0	0.0	0.0	0.00	595,443.61	679,232.62
0 000,8	0.00	0 00	8,000 0	4,485.9	0.0	0.0	0.0	0.00	595,443.61	679,232 62





A Schlumberger Company

Company Devon Energy, Inc
Project: Eddy County
Site: Bellatrix "28" Federal Com
Well: #1H
Wellbore: OH
Plan #1

| Local Co-ordinate Reference: | Well #1H | TVD Reference: | KB = 26 @ 3514.1usft (H&P 300) | MD Reference: | KB = 26 @ 3514.1usft (H&P 300) | North Reference: | Grid | Survey Calculation Method: | Minimum Curvature | Database: | EDM 5000.1 Single User Db

MD	lnc Azi	(azimuth)	TVD	TVDSS	N/S	E/W	V.Sec	DLeg	Northing	Easting
(usft)	Inc Azi	(0)	(usft)	(usft)	(usft) ((nam)			(00usft)	(usft)	(usft)
8,100.0	0.00	0.00	8,100.0	4,585.9	0.0	0.0	0.0	0.00	595,443 61	679,232 62
8,200.0	0.00	0.00	8,200.0	4,685.9	0.0	0.0	0.0	0.00	595,443.61	679,232.62
8,300 0	0.00	0.00	8,300.0	4,785.9	0.0	0.0	0.0	0.00	595,443 61	679,232.62
8,400.0	0 00	0.00	8,400.0	4,885.9	0.0	0.0	0.0	0.00	595,443.61	679,232.62
8,487.0	0.00	0.00	8,487.0	4,972.9	0.0	0.0	0.0	0.00	595,443.61	679,232.62
8,500.0	1.30	56.40	8,500.0	4,985.9	0.1	0.1	0.1	10.00	595,443.69	679,232 74
8,550.0	6.30	56.40	8,549.9	5,035.8	1.9	2.9	3.1	10.00	595,445 52	679,235.50
8,600.0	11.30	56.40	8,599.3	5,085.2	6.1	9.3	9.8	10.00	595,449 76	679,241.87
8,650.0	16 30	56.40	8,647.8	5,133.7	12.7	19.2 `	20.3	10 00	595,456.35	679,251 80
8,700 0	21.30	56.40	8,695.1	5,181.0	21.7	32.6	34.5	10.00	595,465.27	679,265 22
8,750 0	26.30	56 40	8,740.9	5,226.8	32.8	49.4	52 .3	10.00	595,476.43	679,282 02
8,800 0	31.30	56.40	8,784.7	5,270.6	46.1	69.5	73.6	10.00	595,489.76	679,302.08
8,850 0	36.30	56.40	8,826.2	5,312.1	61.5	92.6	98.1	10.00	595,505.14	679,325.24
8,900.0	41.30	56.40	8,865.2	5,351.1	78.9	118.7	125.8	10.00	595,522.48	679,351.32
8,950.0	46 30	56.40	8,901.2	5,387.1	98.0	147.5	156 3	10.00	595,541.62	679,380.14
9,000 0	51 30	56.40	8,934.2	5,420.1	118.8	178.8	189.5	10.00	595,562.43	679,411 46
9,050 0	56.30	56.40	8,963.7	5,449.6	141.1	212 4	225.1	10.00	595,584 76	679,445 06
9,100.0	61 30	56.40	8,989.6	5,475.5	164.8	248 1	262.8	10 00	595,608.42	679,480 67
9,150.0	66.30	56.40	9,011.6	5,497.5	189.6	285.4	302.4	10.00	595,633.23	679,518.03
9,200.0	71.30	56 40	9,029.7	5,515.6	215.4	324.2	343.5	10.00	595,659.02	679,556.84
9,250 0	76.30	56.40	9,043.7	5,529.6	242.0	364.2	385.9	10.00	595,685 59	679,596.82
9,300 0	81.30	56.40	9,053.4	5,539.3	269.1	405.0	429.2	10.00	595,712 72	679,637.66
9,350.0	86.30	56.40	9,058.8	5,544.7	296.6	446.4	473.0	10 00	595,740.22	679,679.05
9,387.0	90.00	56.40	9,060.0	5, 5 45.9	317.1	477.2	505.7	10.00	595,760.68	679,709.85
9,400.0	90.00	56 92	9,060.0	5,545.9	324.2	488.1	517.2	4.00	595,767 82	679,720.71
9,500.0	90.00	60 92	9,060.0	5,545.9	375.8	573.7	607.4	4.00	595,819.44	679,806 34
9,600.0	90 00	64.92	9,060.0	5,545.9	421.3	662.7	700.4	4.00	595,864.95	679,895 36





A Schlumberger Company

Company: Devon Energy, Inc
Project: Eddy County
Site: Bellatrix "28" Federal Com
Well #1H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: TVD Reference:

MD Reference:

North Reference:

Survey Calculation Method:

Well #1H

KB = 26 @ 3514.1usft (H&P 300)

KB = 26 @ 3514.1usft (H&P 300) Grid

Minimum Curvature

FDM 5000 1 Single User Dh

Design:, Plan #1						Database:	EC	M 5000.1 Single	Jser.Db	i i
Planned Survey			To Distribute the Little	TATES CONTRACTOR OF THE PARTY O		CHARLEST AND COLORS	editediti.	PART TO THE PART OF THE PARTY O	ATM PROPERTY OF THE PERSON THE	
MD (usft)		(azimuth)) (°)	(usft)		N/S (usft)		中"、"就是这个一点,我们就是这样的人	DLeg (00usft)	Northing (included)	Easting
9,700 0	90.00	68.92	9,060.0	5,545.9	460.5	(usft) 754.7	795.7	4.00	595,904.15	679,987 33
9,800.0	90.00	72.92	9,060.0	5,545.9	493.2	849.2	892.9	4.00	595,936.83	680,081.82
9,900.0	90 00	76.92	9,060.0	5,545.9	519.2	945.7	991.5	4.00	595,962 84	680,178.36
10,000.0	90.00	80.92	9,060.0	5,545.9	538.4	1,043.9	1,091.0	4.00	595,982.05	680,276 47
10,100.0	90 00	84 92	9,060.0	5,545.9	550.8	1,143,1	1,191.0	4.00	595,994 38	680,375 69
10,200.0	90.00	88.92	9,060.0	5,545.9	556.1	1,242.9	1,290.9	4.00	595,999.75	680,475 53
10,227.1	90.00	90.00	9,060.0	5,545.9	556.4	. 1,270.0	1,317.8	4.00	596,000.00	680,502.59
10,300 0	90 00	90.00	9,060 0	5,545.9	556.4	1,342.9	1,390.4	0.00	596,000.00	680,575.52
10,400 0	90 00	90.00	9,060.0	5,545.9	556.4	1,442.9	1,489.9	0.00	595,999 99	680,675.52
10,500.0	90.00	90.00	9,060.0	5.545.9	556.4	1,542.9	1,589.5	0.00	595,999.99	680,775.52
10,600 0	90.00	90 00	9,060.0	5,545.9	556.4	1,642.9	1,689.0	0.00	595,999 99	680,875.52
10,700.0	90 00	90.00	9,060.0	5,545.9	556.4	1,742.9	1,788.5	0.00	595,999.98	680,975.52
10,800 0	90.00	90.00	9,060.0	5,545.9	556 4	1,842.9	1,888.1	0.00	595,999.98	681,075.52
10,900.0	90.00	90.00	9,060.0	5,545.9	556.4	1,942.9	1,987.6	0.00	595,999.97	681,175.52
11,000.0	90.00	90.00	9,060.0	5,545.9	556 4	2,042.9	2,087.1	0.00	595,999.97	681,275 52
11,100 0	90 00	90.00	9.060.0	5,545 9	556.4	2,142 9	2,186.7	0.00	595,999.96	681,375.52
11,200.0	90 00	90.00	9,060.0	5,545.9	556.3	2,242.9	2,286.2	0.00	595,999.96	681,475.52
11,300.0	90 00	90.00	9,060.0		556.3	2,342.9	•		·	681,575.52
11,400 0	90.00	90.00		5,545.9		,	2,385.7	0.00	595,999.95	681,675.52
11,500.0	90.00	90.00	9,060.0 9,060.0	5,545.9 5,545.9	556.3 556.3	2,442.9 2,542.9	2,485.3 2,584.8	0.00 0.00	595,999.95 595,999.94	681,775.52
11,600.0	90.00	90.00	9,060.0	5,545.9	556.3	2,642.9	2,684.3	0.00	595,999.94	681,875.52
11,700.0	90.00	90 00	9,060.0	5,545.9	556.3	2,742.9	2,783.8	0.00	595,999 94	681,975 52
1										
11,800.0	90.00	90.00	9,060.0	5,545.9	556;3	2,842.9	2,883.4	0.00	595,999.93	682,075 52
11,900 0	90 00	90.00	9,060.0	5,545.9	556.3	2,942.9	2,982.9	0.00	595,999.93	682,175.52
12,000 0	90.00	. 90.00	9,060.0	5,545.9	556.3	3,042.9	3,082.4	0.00	595,999.92	682,275 52
12,100.0	90.00	90.00	9,060.0	5,545.9	556.3	3,142.9	3,182.0	0.00	595,999 92	682,375 52
12,200.0	90.00	90.00	9,060.0	5,545.9	556.3	3,242.9	3,281.5	0.00	595,999.91	682,475.52





Company: Devon Energy, Inc. Project: Eddy County
Site: Bellatrıx "28" Federal Com

Well: #1H Wellbore: Design: Plan #1 Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

.ÎWell #1H

KB = 26 @ 3514 1usft (H&P 300) KB = 26 @ 3514.1usft (H&P 300)

Gnd

Minimum Curvature

EDM 5000.1 Single User Db

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2. 18 18 18 18 18 18 18 18 18 18 18 18 18	

MD (ustt)	Inc Azi	(azimuth)	* ** ** * * * * * * * * * * * * * * *	TVDSŠ (usft)	NS	Company of the second of the second	V. Sec (usft)	DLeg 100usft)	Northing	Easting (usft)
12,300 0	90.00	90.00	(usft)************************************	5,545.9	(usft) 556.3	(usft) 3,342.9	3,381.0	0,00	(usft). 595,999.91	682,575.52
12,400.0	90 00	90.00	9,060.0	5,545.9	556.3	3,442.9	3,480.6	0.00	595,999.90	682,675.52
12,500 0	90.00	90.00	9,060.0	5,545.9	556.3	3,542.9	3,580.1	0.00	595,999.90	682,775 52
12,600 0	90.00	90 00	9,060.0	5,545.9	556.3	3,642.9	3,679.6	0.00	595,999.89	682,875 52
12,700.0	90.00	90.00	9,060.0	5,545.9	556.3	3,742.9	3,779.2	0.00	595,999.89	682,975 52
12,800.0	90.00	90.00	9,060.0	5,545.9	556.3	3,842.9	3,878.7	0.00	595,999.89	683,075.52
12,900.0	90.00	90.00	9,060.0	5,545.9	556.3	3,942.9	3,978.2	0.00	595,999.88	683,175.52
13,000 0	90.00	90.00	9,060.0	5,545.9	556.3	4,042.9	4,077.7	0.00	595,999.88	683,275 52
13,100.0	90.00	90.00	9,060.0	5,545.9	556.3	4,142.9	4,177.3	0.00	595,999.87	683,375 52
13,200.0	90.00	90 00	9,060.0	5,545.9	556.3	4,242.9	4,276 8	0.00	595,999.87	683,475.52
13,300 0	90.00	90.00	9,060.0	5,545.9	556.3	4,342.9	4,376.3	0 00	595,999.86	683,575.52
13,400.0	90.00	90.00	9,060.0	5,545.9	556.2	4,442.9	4,475.9	0.00	595,999.86	683,675.52
13,500.0	90.00	90.00	9,060.0	5,545.9	556.2	4,542.9	4,575.4	0.00	595,999.85	683,775.52
13,600 0	90.00	90 00	9,060.0	5,545.9	556.2	4,642.9	4,674.9	0.00	595,999.85	683,875 52
13,700 0	90 00	90.00	9,060.0	5,545.9	556.2	4,742.9	4,774.5	0.00	595,999.84	683,975 52
13,800 0	90 00	90.00	9,060 0	5,545.9	556.2	4,842.9	4,874.0	0.00	595,999.84	684,075 52
13,900 0	90.00	90.00	9,060.0	5,545.9	556.2	4,942.9	4,973.5	0.00	595,999.84	684,175 52
14,000 0	90.00	90.00	9,060.0	5,545.9	556.2	5,042.9	5,073.1	0.00	595,999.83	684,275.52
14,100.0	90.00	90 00	9,060.0	5,545.9	556.2	. 5,142.9	5,172.6	0.00	595,999.83	684,375 52
14,200 0	90 00	90.00	9,060 0	5,545.9	556.2	5,242.9	5,272.1	0.00	595,999.82	684,475 52
14,300 0	90.00	90.00	9,060.0	5,545.9	556.2	5,342.9	5,371.6	0.00	595,999 82	684,575.52
14,400 0	90.00	90 00	9,060.0	5,545 9	556.2	5,442.9	5,471.2	0.00	595,999.81	684,675 52
14,500 0	90.00	90.00	9,060.0	5,545.9	556.2	5,542.9	5,570.7	0.00	595,999.81	684,775 52
14,600.0	90.00	90.00	9,060.0	5,545.9	556.2	5,642.9	5,670.2	0.00	595,999.80	684,875.52
14,681 8	90.00	90.00	9,060.0	5,545.9	556.2	5,724.7	5,751.6	0.00	595,999 80	684,957.28





A Schlumberger Company

Company: Devon Energy, Inc Project: Eddy County Site: Bellatrıx "28" Federal Com Well: #1H Wellbore: OH Design: Plan #1	Local Co-ordinate Reference: Well #1H TVD Reference: KB = 26 @ 3514.1usft (H&P 300) MD Reference: KB = 26 @ 3514.1usft (H&P 300) North Reference: Grid Survey Calculation Method: Minimum Curvature Database: EDM 5000.1 Single User Db	THE RESERVE THE PARTY OF THE PA
Pesign: 4 Plan # (- Uatabase: - Lebm 5000. I Single User Db	

ł			
Checked By:	Approved By:	Detail	
CHECKEU DV.	Approved by:	Date:	
, -			



PROJECT DETAILS: Eddy County Geodetic System: US State Plane 1983 Datum: North American Datum 1983

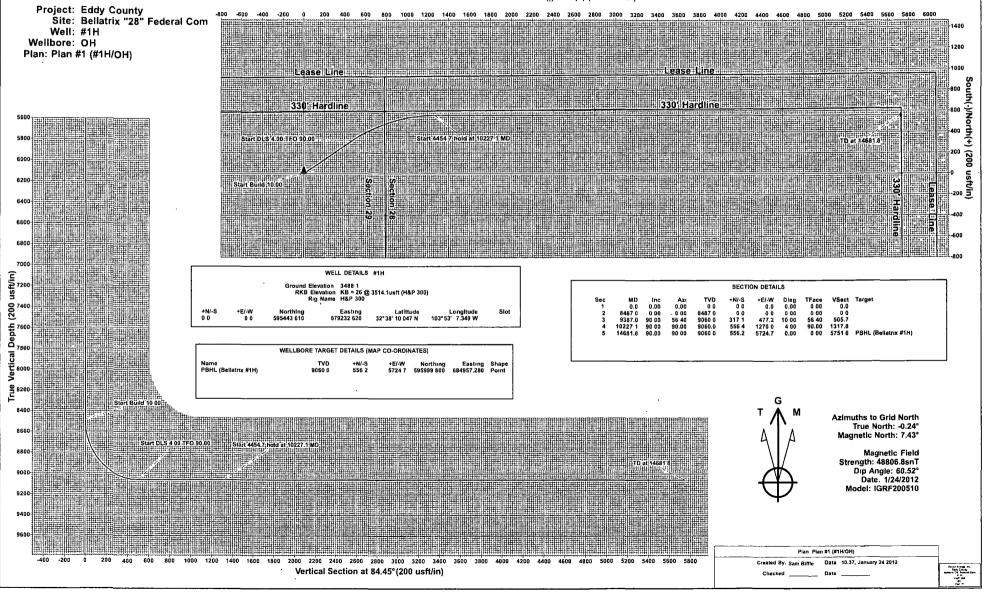
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone

System Datum: Mean Sea Level Local North: Grid

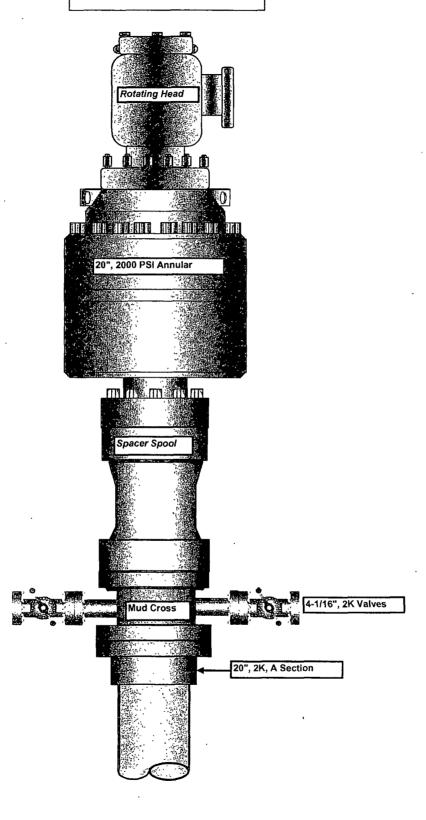


A Schlumberger Company

West(-)/East(+) (200 usft/in)



20" 2K Annular



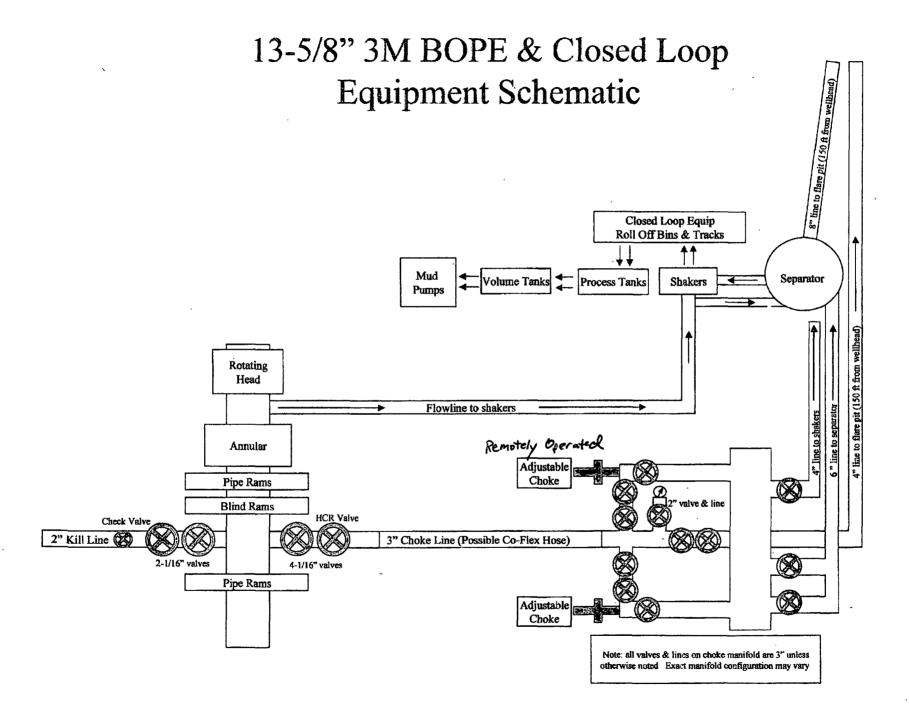
Attachment to Exhibit #1 NOTES REGARDING BLOWOUT PREVENTERS

Devon Energy Production Company, LP

Bellatrix 28 Fed 1H

Surface Location: 920' FNL & 790' FEL, Unit A, Sec 29 T19S R31E, Eddy, NM Bottom hole Location: 400' FNL & 340' FEL, Unit A, Sec 28 T19S R31E, Eddy, NM

- 1. Drilling nipple will be constructed so it can be removed mechanically without the aid of a welder. The minimum internal diameter will equal BOP bore.
- 2. Wear ring will be properly installed in head.
- 3. Blowout preventer and all associated fittings will be in operable condition to withstand a minimum 3000 psi working pressure.
- 4. All fittings will be flanged.
- 5. A full bore safety valve tested to a minimum 3000 psi WP with proper thread connections will be available on the rotary rig floor at all times.
- 6. All choke lines will be anchored to prevent movement.
- 7. All BOP equipment will be equal to or larger in bore than the internal diameter of the last casing string.
- 8. Will maintain a kelly cock attached to the kelly.
- 9. Hand wheels and wrenches will be properly installed and tested for safe operation.
- 10. Hydraulic floor control for blowout preventer will be located as near in proximity to driller's controls as possible.
- 11. All BOP equipment will meet API standards and include a minimum 40 gallon accumulator having two independent means of power to initiate closing operation.





Fluid Technology

ContiTech Beattie Corp. Website: www.contitechbeattie.com

Monday, June 14, 2010

RE:

Drilling & Production Hoses Lifting & Safety Equipment

To Helmerich & Payne,

A Continental ContiTech hose assembly can perform as intended and suitable for the application regardless of whether the hose is secured or unsecured in its configuration. As a manufacturer of High Pressure Hose Assemblies for use in Drilling & Production, we do offer the corresponding lifting and safety equipment, this has the added benefit of easing the lifting and handling of each hose assembly whilst affording hose longevity by ensuring correct handling methods and procedures as well as securing the hose in the unlikely event of a failure; but in no way does the lifting and safety equipment affect the performance of the hoses providing the hoses have been handled and installed correctly. It is good practice to use lifting & safety equipment but not mandatory

Should you have any questions or require any additional information/clarifications then please do not hesitate to contact us.

ContiTech Beattie is part of the Continental AG Corporation and can offer the full support resources associated with a global organization.

Best regards,

Robin Hodgson Sales Manager ContiTech Beattie Corp

ContiTech Beattie Corp, 11535 Brittmoore Park Drive, Houston, TX 77041 Phone: +1 (832) 327-0141 Fax: +1 (832) 327-0148 www.contitechbeattle.com







Certificate Number: 4520	PBC No: 10321			Customer Name & Address	
	l l			HELMERICH & PAYNE INTL DRILLING CO	
Customer Purchase Order No:	RIG 300			1437 SOUTH BOULDER	
				TULSA, OK 74119	
Project:					
Mariest Centre Address	Accept	ed by ContiTech	Beattle Inspection	Accepted by Client Inspection	
ContiTech Beattie Corp.		Josh Sims		٠	
11535 Brittmoore Park Drive	Signed:	1	2		
Houston, TX 77041		- AND STATE OF THE			
USA	Date:	10/27/10		7	

These goods were made in the United States of America

ttem Part No: Description Qnty Serial As-Built Work (Test) Tiest Time (Mumbers Length (m)) Press (Press (minutes))

3" ID 10K Choke & Kill Hose x 35ft OAL

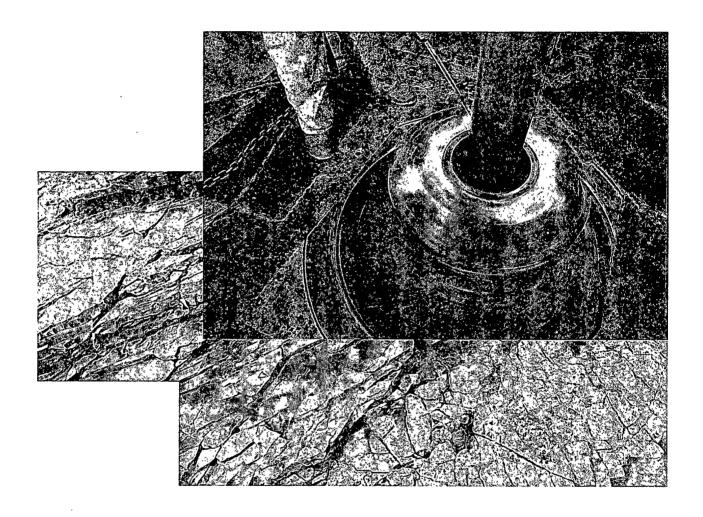
End A. 4.1/16" 10Kpsi API Spec 6A Type 6BX Flange End B 4 1/16" 10Kpsi API Spec 6A Type 6BX Flange

Working Pressure 10,000psi Test Pressure; 15,000psi Serial#: 49106

We certify that the goods detailed hereon have been inspected by our Quality Management System, and to the best of our knowledge are found to conform to relevant industrial standards within the requirements of the purchase order as issued to ContiTech Beattie Corporation.



Commitment Runs Deep



Design Plan
Operation and Maintenance Plan
Closure Plan

SENM - Closed Loop Systems June 2008

I. Design Plan

Devon uses various high efficient closed loop systems (CLS). The CLS shown is designed to maintain drill solids at or below 5%. The equipment is arranged to progressively remove solids from the largest to the smallest size. Drilling fluids can thus be reused and savings is realized on mud and disposal costs. Dewatering may be required with the centrifuges to insure removal of ultra fine solids.

The drilling location is constructed to allow storm water to flow to a central sump normally the cellar. This insures no contamination leaves the drilling pad in the event of a spill. Storm water is reused in the mud system or stored in a reserve fluid tank farm until it can be reused. All lubricants, oils, or chemicals are removed immediately from the ground to prevent the contamination of storm water. An oil trap is normally installed on the sump if an oil spill occurs during a storm.

A tank farm is utilized to store drilling fluids including fresh water and brine fluids. The tank farm is constructed on a 20 ml plastic lined, bermed pad to prevent the contamination of the drilling site during a spill. Fluids from other sites may be stored in these tanks for processing by the solids control equipment and reused in the mud system. At the end of the well the fluids are transported from the tank farm to an adjoining well or to the next well for the rig.

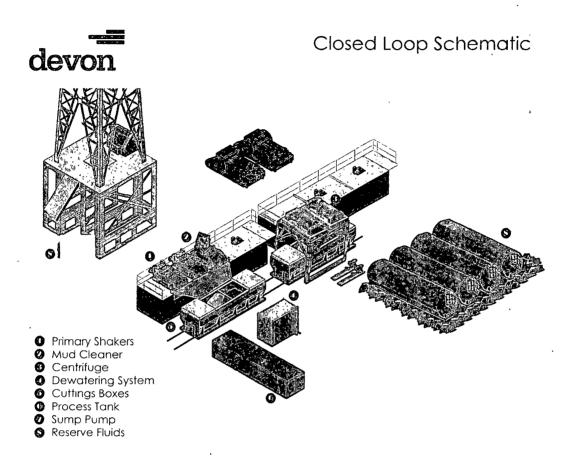
Prior to installing a closed-loop system on site, the topsoil, if present, will be stripped and stockpiled for use as the final cover or fill at the time of closure.

Signs will be posted on the fence surrounding the closed-loop system unless the closed-loop system is located on a site where there is an existing well, that is operated by Devon.

II. Operations and Maintenance Plan

Primary Shakers: The primary shakers make the first removal of drill solids from the drilling mud as it leaves the well bore. The shakers are sized to handle maximum drilling rate at optimal screen size. The shakers normally remove solids down to 74 microns.

Mud Cleaner: The Mud Cleaner cleans the fluid after it leaves the shakers. A set of hydrocyclones are sized to handle 1.25 to 1.5 times the maximum circulating rate. This ensures all the fluid is being processed to an average cut point of 25 microns. The wet discharged is dewatered on a shaker equipped with ultra fine mesh screens and generally cut at 40 microns.



Centrifuges: The centrifuges can be utilized depending on the well's anticipated solids volume. One or two centrifuges can be used depending on the well geometry or depth of well. The centrifuges are sized to maintain low gravity solids at 5% or below. They may or may not need a dewatering system to enhance the removal rates. The centrifuges can make a cut point of 8-10 microns depending on bowl speed, feed rate, solids loading and other factors.

The centrifuge system is designed to work on the active system and be flexible to process incoming fluids from other locations. This set-up is also dependant on well factors.

Dewatering System: The dewatering system is a chemical mixing and dosing system designed to enhance the solids removal of the centrifuge. Not commonly used in shallow wells. It may contain pH adjustment, coagulant mixing and dosing, and polymer mixing and dosing. Chemical flocculation binds

ultra fine solids into a mass that is within the centrifuge operating design. The dewatering system improves the centrifuge cut point to infinity or allows for the return of clear water or brine fluid. This ability allows for the ultimate control of low gravity solids.

Cuttings Boxes: Cuttings boxes are utilized to capture drill solids that are discarded from the solids control equipment. These boxes are set upon a rail system that allows for the removal and replacement of a full box of cuttings with an empty one. They are equipped with a cover that insures no product is spilled into the environment during the transportation phase.

Process Tank: (Optional) The process tank allows for the holding and process of fluids that are being transferred into the mud system. Additionally, during times of lost circulation the process tank may hold active fluids that are removed for additional treatment. It can further be used as a mixing tank during well control conditions.

Sump and Sump Pump: The sump is used to collect storm water and the pump is used to transfer this fluid to the active system or to the tank for to hold in reserve. It can also be used to collect fluids that may escape during spills. The location contains drainage ditches that allow the location fluids to drain to the sump.

Reserve Fluids (Tank Farm): A series of frac tanks are used to replace the reserve pit. These are steel tanks that are equipped with a manifold system and a transfer pump. These tanks can contain any number of fluids used during the drilling process. These can include fresh water, cut brine, and saturated salt fluid. The fluid can be from the active well or reclaimed fluid from other locations. A 20 ml liner and berm system is employed to ensure the fluids do not migrate to the environment during a spill.

If a leak develops, the appropriate division district office will be notified within 48 hours of the discovery and the leak will be addressed. Spill prevention is accomplished by maintaining pump packing, hoses, and pipe fittings to insure no leaks are occurring. During an upset condition the source of the spill is isolated and repaired as soon as it is discovered. Free liquid is removed by a diaphragm pump and returned to the mud system. Loose topsoil may be used to stabilize the spill and the contaminated soil is excavated and placed in the cuttings boxes. After the well is finished and the rig has moved, the entire location is scrapped and testing will be performed to determine if a release has occurred.

All trash is kept in a wire mesh enclosure and removed to an approved landfill when full. All spent motor oils are kept in separate containers and they are removed and sent to an approved recycling center. Any spilled lubricants, pipe

dope, or regulated chemicals are removed from soil and sent to landfills approved for these products.

These operations are monitored by Solids Control service technicians. Daily logs are maintained to ensure optimal equipment operation and maintenance. Screen and chemical use is logged to maintain inventory control. Fluid properties are monitored and recorded and drilling mud volumes are accounted for in the mud storage farm. This data is kept for end of well review to insure performance goals are met. Lessons learned are logged and used to help with continuous improvement.

III. Closure Plan

A maximum 170' X 170' caliche pad is built per well. All of the trucks and steel tanks fit on this pad. All fluid cuttings go to the steel tanks to be hauled by various trucking companies to an agency approved disposal.



Devon Energy Corporation 20 North Broadway Oklahoma City, Oklahoma 73102-8260

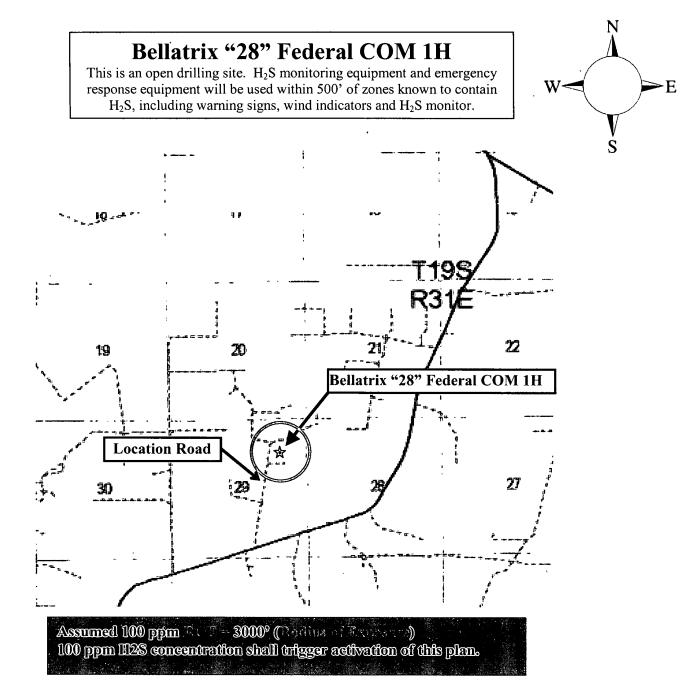
Hydrogen Sulfide (H₂S) Contingency Plan

For

Bellatrix "28" Federal Com 1H

Sec-29, T-19S R-31E 920' FNL & 790' FEL, LAT. = 32.6361243'N (NAD83) LONG = 103.8853748'W

Eddy County NM



Escape

Crews shall escape upwind of escaping gas in the event of an emergency release of gas. Escape can be facilitated Southward on lease road. Crews should then block entrance to the location from the lease road so as not to allow anyone traversing into a hazardous area. The blockade should be at a safe distance outside of the ROE. There are no homes or buildings in or near the ROE. There is a dwelling approximately one mile from the wellsite. Steps should be taken, in the case of a gas release, to warn and protect those properties.

Assumed 100 ppm ROE = 3000'
100 ppm H₂S concentration shall trigger activation of this plan.

Emergency Procedures

In the event of a release of gas containing H₂S, the first responder(s) must

- Isolate the area and prevent entry by other persons into the 100 ppm ROE.
- Evacuate any public places encompassed by the 100 ppm ROE.
- Be equipped with H₂S monitors and air packs in order to control the release.
- Use the "buddy system" to ensure no injuries occur during the response
- Take precautions to avoid personal injury during this operation.
- Contact operator and/or local officials to aid in operation. See list of phone numbers attached.
- Have received training in the
 - Detection of H₂S, and
 - Measures for protection against the gas,
 - Equipment used for protection and emergency response.

Ignition of Gas Source

Should control of the well be considered lost and ignition considered, take care to protect against exposure to Sulfur Dioxide (SO₂). Intentional ignition must be coordinated with the NMOCD and local officials. Additionally the NM State Police may become involved. NM State Police shall be the Incident Command on scene of any major release. Take care to protect downwind whenever there is an ignition of the gas

Characteristics of H₂S and SO₂

Common Name	Chemical Formula	Specific Gravity	Threshold Limit	Hazardous Limit	Lethal Concentration
Hydrogen Sulfide	H ₂ S	1.189 Air = 1	10 ppm	100 ppm/hr	600 ppm
Sulfur Dioxide	SO ₂	2.21 Air = 1	2 ppm	N/A	1000 ppm

Contacting Authorities

Devon Energy Corp. personnel must liaison with local and state agencies to ensure a proper response to a major release. Additionally, the OCD must be notified of the release as soon as possible but no later than 4 hours. Agencies will ask for information such as type and volume of release, wind direction, location of release, etc. Be prepared with all information available. The following call list of essential and potential responders has been prepared for use during a release. Devon Energy Corp. Company response must be in coordination with the State of New Mexico's 'Hazardous Materials Emergency Response Plan' (HMER)

Devon Energy Corp. Company Call List

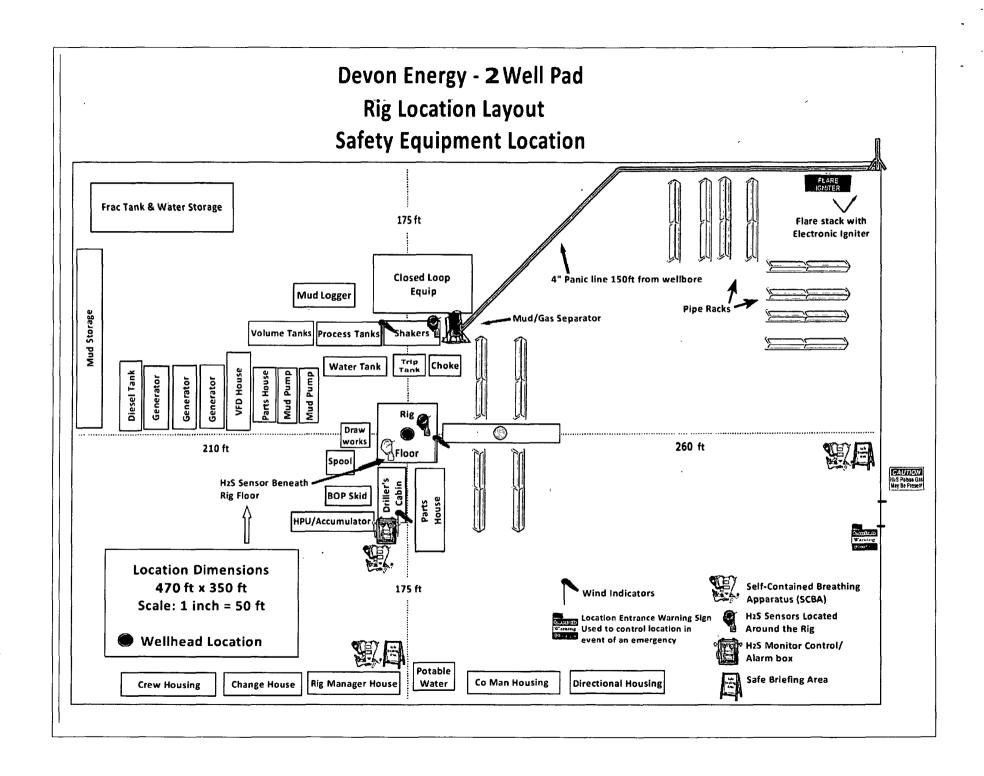
Artesia (575)	Cellular	Office	<u> Home</u>
Foreman – Robert Bell	748-7448	748-0178	746-2991
Asst. Foreman –Tommy Po			
Don Mayberry	748-5235	748-0164	746-4945
Montral Walker	390-5182	748-0193	936-414-6246
Engineer – Steven Jones	(405) 596-8041	(405) 552-7994	•

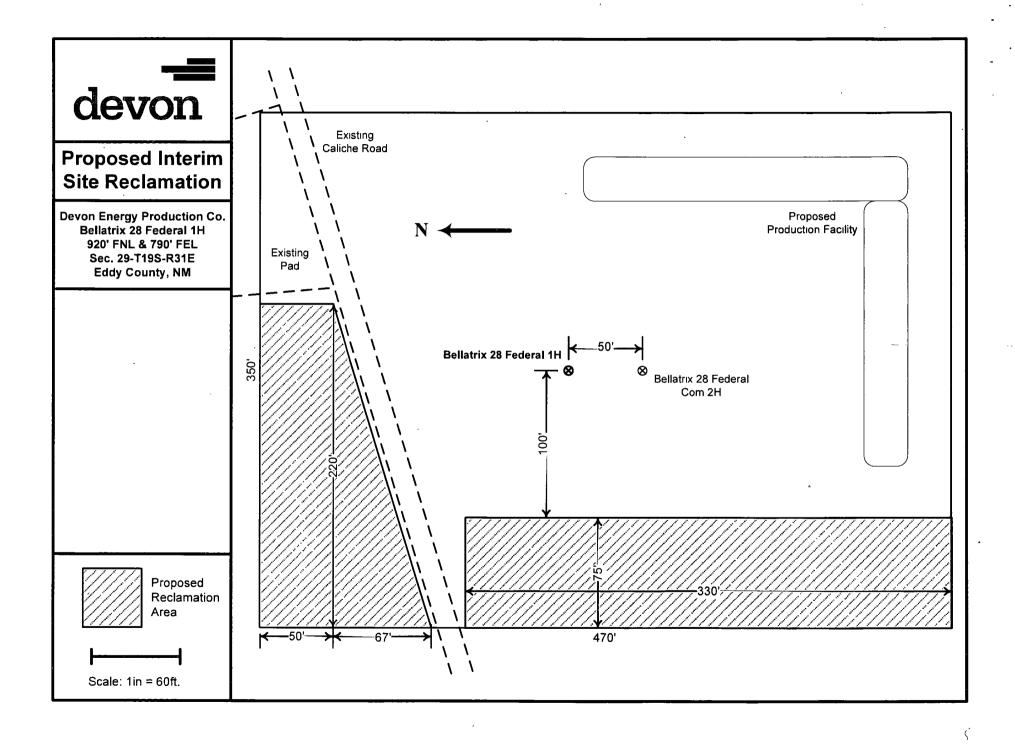
Agency Call List

<u>Lea</u>	Hobbs
County	State Police
<u>(575)</u>	City Police
	Sheriff's Office
	Ambulance911
	Fire Department
	LEPC (Local Emergency Planning Committee)
	NMOCD393-6161
	US Bureau of Land Management
Eddy	Carlsbad
County	State Police
<u>(575)</u>	City Police
	Sheriff's Office
	Ambulance911
	Fire Department
	LEPC (Local Emergency Planning Committee) 887-3798
	US Bureau of Land Management
	New Mexico Emergency Response Commission (Santa Fe) (505)476-9600
	24 HR(505) 827-9126
	National Emergency Response Center (Washington, DC) (800) 424-8802
	Emergency Services
	Boots & Coots IWC1-800-256-9688 or (281) 931-8884
	Cudd Pressure Control(915) 699-0139 or (915) 563-3356
	Halliburton(575) 746-2757
	B. J. Services(575) 746-3569
Give GPS	Flight For Life - Lubbock, TX
position:	Med Flight Air Amb - Albuquerque, NM(575) 842-4433
position.	Lifeguard Air Med Svc. Albuquerque, NM(575) 272-3115
	Lifeguard Air Mich Svc. Arbuquerque, Mivi(373) 272-3113

Prepared in conjunction with Wade Rohloff







PECOS DISTRICT CONDITIONS OF APPROVAL

OPERATOR'S NAME: DEVON ENERGY
LEASE NO.: NMLC063622
WELL NAME & NO.: 1H BELLATRIX 28 FED
SURFACE HOLE FOOTAGE: 920' FNL & 790' FEL
BOTTOM HOLE FOOTAGE 400' FNL & 340' FEL
LOCATION: Section 29, T.19 S., R.31 E., NMPM
COUNTY: Eddy County, New Mexico

TABLE OF CONTENTS

Standard Conditions of Approval (COA) apply to this APD. If any deviations to these standards exist or special COAs are required, the section with the deviation or requirement will be checked below.

☐ General Provisions ☐ Permit Expiration
Archaeology, Paleontology, and Historical Sites Noxious Weeds
Special Requirements
Hackberry OHV
Lesser Prairie-Chicken Timing Stipulations
Ground-level Abandoned Well Marker
☐ Construction
Notification
Topsoil
Closed Loop System
Federal Mineral Material Pits
Well Pads
Roads
☐ Road Section Diagram
H ₂ S – Onshore Order #6
Logging Requirements
Waste Material and Fluids
☐ Production (Post Drilling)
Well Structures & Facilities
Pipelines
Electric Lines
☐ Interim Reclamation
Final Abandonment & Reclamation