

ATS-15-20

Form 3160-3
(March 2012)

OCD HOBBS OCD

MAR 16 2015

FORM APPROVED
OMB No. 1004-0137
Expires October 31, 2014

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

RECEIVED

1a. Type of work: ☒ DRILL ☐ REENTER		5. Lease Serial No. NMLC061863A
1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator Devon Energy Production Company, L.P. <6137>		7. If Unit or CA Agreement, Name and No. C-02-0006940
3a. Address 333 W. Sheridan Oklahoma City, OK 73102-5010	3b. Phone No. (include area code) 405.228.7203	8. Lease Name and Well No. Trionyx 6 Fed 9H (38384)
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 200 FSL & 1300 FWL, Lot 7 PP: 200 FSL & 1300 FWL At proposed prod. zone 330 FNL & 660 FWL, Lot 4		9. API Well No. 30-025-42475 <97899>
14. Distance in miles and direction from nearest town or post office* Approximately 22 miles SE of Malaga, NM		10. Field and Pool, or Exploratory WC-025 G-06 5253206M; AS
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) See attached map	16. No. of acres in lease NMLC061863A 640.68 ac	11. Sec., T. R. M. or Blk. and Survey or Area Sec. 6 T25S R32E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. See attached map	19. Proposed Depth TVD 10,458' MD 15,033'	12. County or Parish Lea County
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3441.0 GL'	22. Approximate date work will start* 04/01/2015	13. State NM
17. Spacing Unit dedicated to this well 159.7 ac		
20. BLM/BIA Bond No. on file CO-1104; NBM-000801		
23. Estimated duration 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:

- | | |
|--|---|
| 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 must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM. |

25. Signature 	Name (Printed/Typed) Trina C. Couch	Date 08/07/2014
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Title
Regulatory Analyst

Approved by (Signature) Steve Caffey	Name (Printed/Typed)	MAR 12 2015
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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.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.

(Continued on page 2)

*(Instructions on page 2)

Carlsbad Controlled Water Basin

K2
03/16/15

Approval Subject to General Requirements
& Special Stipulations Attached

SEE ATTACHED FOR
CONDITIONS OF APPROVAL
MAR 17 2015

HOBBS OGD

MAR 16 2015

DRILLING PROGRAM

RECEIVED

Devon Energy Production Company, L.P.
Trionyx 6 Fed 9H

1. Geologic Name of Surface Formation: Quaternary

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

a. Fresh Water	300'	
b. Rustler	640'	Barren
c. Top of Salt	1033'	Barren
d. Base of Salt	4107'	Barren
e. Castille	4120'	Barren
f. Bell Canyon	4364'	Oil / Gas
g. Cherry Canyon	5388'	Oil / Gas
h. Brushy Canyon	6641'	Oil / Gas
i. Bone Spring Lime	8268'	Oil / Gas
j. 1 st Bone Spring SS	9352'	Oil / Gas
k. 2 nd Bone Spring SS	9987'	Oil / Gas
l. Target 2 nd BSS	10448'	Oil/Gas
Total Depths	10458' TVD	15033' MD

3. Pressure Control Equipment:

A 3M 13-5/8" BOP system (Double Ram and Annular preventer) will be installed and tested prior to drilling out the surface casing shoe. The BOP system used to drill the intermediate hole will be tested per BLM Onshore Oil and Gas Order 2.

A 3M 13-5/8" BOP system (Double Ram and Annular preventer) will be installed and tested prior to drilling out the intermediate casing shoe. The BOP system used to drill the production hole will be tested per BLM Onshore Oil and Gas Order 2.

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); **if an H&P rig drills this well. Otherwise no flex line is needed.** The line will be kept as straight as possible with minimal turns.

See
COA

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.

4. Casing Program:

Hole Size	Hole Interval	Casing OD	Casing Interval	Weight (lb/ft)	Collar	Grade	Collapse Design Factor	Burst Design Factor	Tension Design Factor
17-1/2"	0 - 700'	13-3/8"	0 - 700'	48	STC	H-40	2.46	5.53	16.10
12-1/4"	700-4350'	9-5/8"	0-4350'	40	BTC	HCK-55	1.87	1.75	5.32
8-3/4"	4350-15033'	5-1/2"	0-15033'	17	BTC	P-110	1.71	2.13	3.19

Casing Notes:

- All casing is new and API approved

Maximum Lateral TVD: 10458'

5. Proposed mud Circulations System:

Depth	Mud Weight	Viscosity	Fluid Loss	Type System
0-700'	8.4-9.0	30-34	N/C	FW
700-4350'	10.0-10.2	28-32	N/C	Brine
4350-15033'	8.6-9.0	28-32	N/C	FW

The necessary mud products for weight addition and fluid loss control will be on location at all times. Visual mud monitoring equipment will be in place to detect volume changes indicating loss or gain of circulating fluid volume. If abnormal pressures are encountered, electronic/mechanical mud monitoring equipment will be installed.

6. Cementing Table:

String	Number of sx	Weight lbs/gal	Water Volume g/sx	Yield cf/sx	Stage; Lead/Tail	Slurry Description
13-3/8" Surface	770	14.8	6.32	1.33	Tail	Class C Cement + 0.125 lbs/sack Poly-E-Flake + 63.5% Fresh Water
9-5/8" Intermediate	930	12.9	9.81	1.85	Lead	(65:35) Class C Cement: Poz (Fly Ash): 6% BWOC Bentonite + 5% BWOW Sodium Chloride + 0.125 lbs/sack Poly-E-Flake + 70.9 % Fresh Water
	430	14.8	6.32	1.33	Tail	Class C Cement + 0.125 lbs/sack Poly-E-Flake + 63.5% Fresh Water
5-1/2" Production Casing Single Stage	800	11.0	14.81	2.55	Lead	Tuned Light Blend + 0.125 lb/sk Pol-E-Flake + 77.6% Fresh Water
	1340	14.5	5.38	1.22	Tail	(50:50) Class H Cement: Poz (Fly Ash) + 1 lb/sk Sodium Chloride + 0.5% bwoc HALAD-344 + 0.4% bwoc CFR-3 + 0.2% bwoc HR-601 + 2% bwoc Bentonite + 58.8% Fresh Water
5-1/2" Production Casing 2-Stage Option	730	12.5	10.86	1.96	Lead	(65:35) Class H Cement: Poz (Fly Ash) + 6% BWOC Bentonite + 0.25% BWOC HR-601 + 0.125 lbs/sack Poly-E-Flake + 74.1 % Fresh Water
	1340	14.5	5.38	1.22	Tail	(50:50) Class H Cement: Poz (Fly Ash) + 1 lb/sk Sodium Chloride + 0.5% bwoc HALAD-344 + 0.4% bwoc CFR-3 + 0.2% bwoc HR-601 + 2% bwoc Bentonite + 58.8% Fresh Water
	DV Tool at least 50' into open hole					
	210	11.9	12.89	2.26	Lead	(50:50) Class H Cement: Poz (Fly Ash) + 10% BWOC Bentonite + 1 lb/sk of Kol-Seal + 0.3% BWOC HR-601 + 0.5lb/sk D-Air 5000 + 76.4% Fresh Water
	120	14.8	6.32	1.33	Tail	Class C Cement + 0.125 lbs/sack Poly-E-Flake + 63.5% Fresh Water

TOC for all Strings:

13-3/8" Surface 0ft

9-5/8" Intermediate 0ft

5-1/2" Production Single Stage 3350ft

5-1/2" Production Two Stage
Stage #1 = 5500ft
Stage #2 = 3350ft

7. Logging, Coring, and Testing Program:

See
COA

- 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. No logs are planned.
- d. No coring program is planned
- e. Additional Testing will be initiated subsequent to setting the production casing. Specific intervals will be targeted based on log evaluation (if applicable), geological sample shows, and drill stem tests.

8. Potential Hazards:

- a. No abnormal pressures or temperatures are expected. There is no known presence of H₂S in this area, and none is anticipated to be encountered. If H₂S is encountered the operator will comply with the provisions of Onshore Oil and Gas Order No. 6. No lost circulation is expected to occur. All personnel will be familiar with all aspects of safe operation being used to drill this well. Estimated BHP: 4706 psi, and estimated BHT: 165 degrees.
- b. Hydrogen Sulfide detection equipment will be in operation after drilling out the surface casing shoe until the production string is cemented. Breathing equipment will be on location upon drilling the surface casing shoe until total depth is reached.

9. 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 20 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.

Notes:

- Cement volumes Surface 100%, Intermediate 75% and Production based on at least 25% excess
- Actual cement volumes will be adjusted based on fluid caliper and caliper log data
- If lost circulation is encountered while drilling the production and/or the intermediate wellbores, a DV tool will be installed a minimum of 50' below the previous casing shoe and a minimum of 200' above the current shoe. If the DV tool has to be moved, the cement volumes will be adjusted proportionately. The cement will tie back 500' into the 9-5/8" casing shoe.
- Current cement volumes reflect DV tool at 5500'

Devon

Project: Lea County, NM (NAD 83)

Site: Sec 6 T. 25 E., R.32E.

Well: Trionyx 6 Fed 9H

Wellbore: Wellbore #1

Plan: Plan#1 071714 RevA0 (Trionyx 6 Fed 9H/Wellbore #1)

HP223 25'KB

HALLIBURTON

Survey Drilling

WELL DETAILS: Trionyx 6 Fed 9H

Ground Level:	3441.00	Longitude
Northing	Easting	Latitude
419804.86	731528.19	32° 9' 9.467 N 103° 43' 7.595 W

WELLBORE TARGET DETAILS

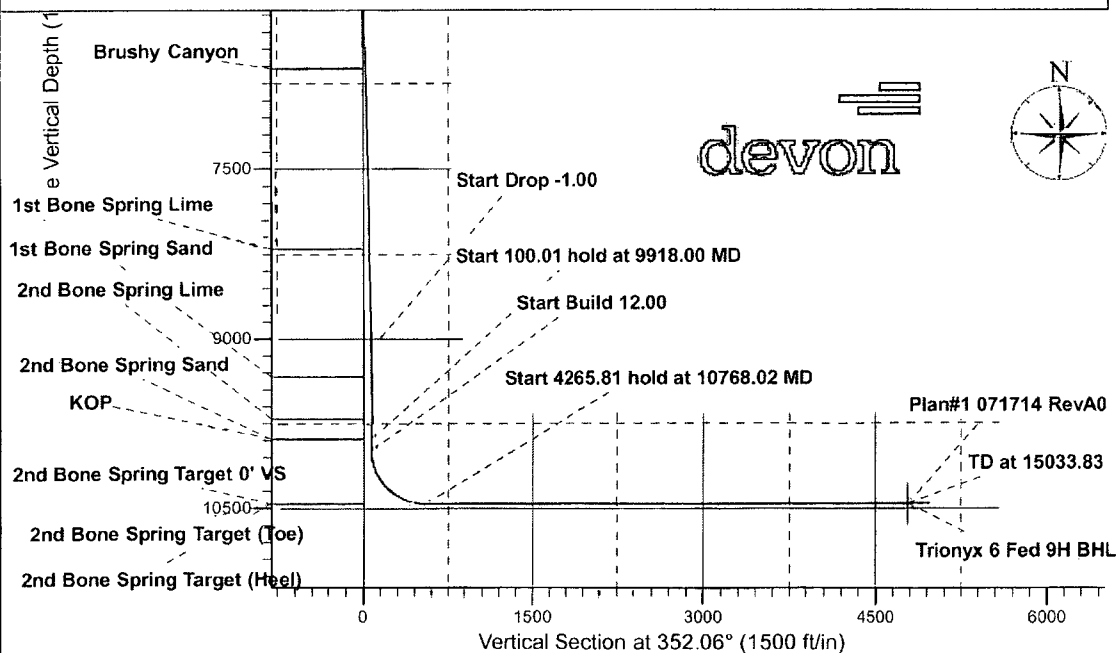
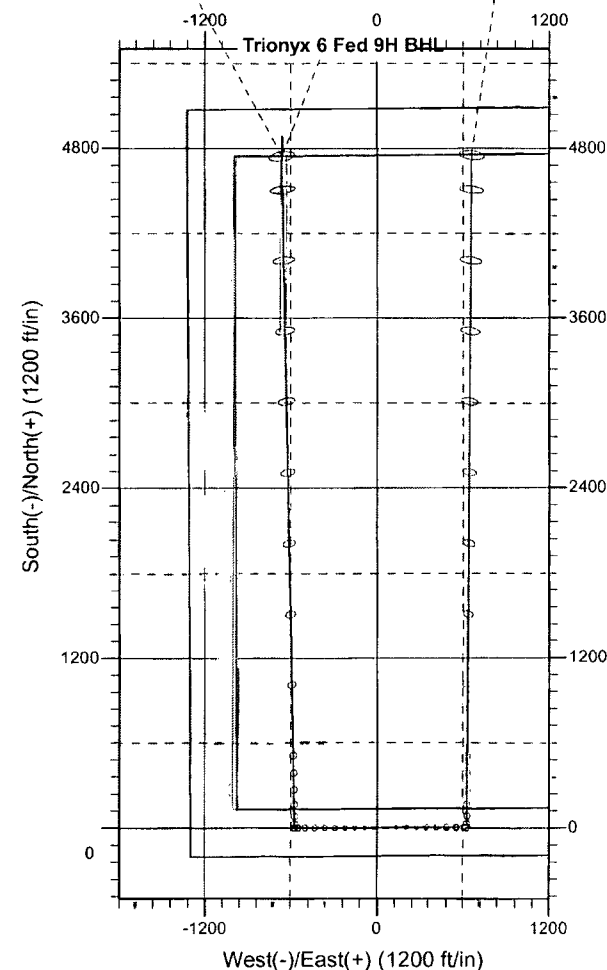
Name	TVD	+N/-S	+E/-W	Shape
Trionyx 6 Fed 9H BHL	10458.00	4742.46	-661.28	Point

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5000.00	0.00	0.00	5000.00	0.00	0.00	0.00	0.00	0.00	
5800.00	8.00	270.00	5797.40	0.00	-55.76	1.00	270.00	7.70	
9118.00	8.00	270.00	9083.11	0.00	-517.54	0.00	0.00	71.47	
9918.00	0.00	0.00	9880.52	0.00	-573.30	1.00	180.00	79.17	
10018.01	0.00	0.00	9980.53	0.00	-573.30	0.00	0.00	79.17	
10768.02	90.00	358.94	10458.00	477.38	-582.15	12.00	358.94	553.20	Trionyx 6 Fed 9H BHL
15033.83	90.00	358.94	10458.00	4742.46	-661.28	0.00	0.00	4788.34	Trionyx 6 Fed 9H BHL

Trionyx 6 Fed 10H/Plan #1 071414 Rev.

Trionyx 6 Fed 9H/Plan#1 071714 RevA0



Job#
HP223 25'KB

Devon

Lea County, NM (NAD 83) Sec 6 T. 25 E., R.32E.

API#

Trionyx 6 Fed 9H (200' FSL & 1300 FWL)

Wellbore #1

Plan: Plan#1 071714 RevA0

Sperry Drilling Services Combo Report

18 July, 2014

Well Coordinates: 32° 09' 09.47" N
103° 43' 07.59" W

North American Datum 1983
New Mexico Eastern Zone
419,804.86 N
731,528.19 E

Ground Level: 3,441.00 ft

Local Coordinate Origin:

Viewing Datum:

TVDs to System:

North Reference:

Unit System:

Centered on Well Trionyx 6 Fed 9H

WELL @ 3466.00ft (HP223 25'KB)

N

Grid

API US Survey Feet

Version: 5000.1 Build: 65

Report Version: Midcon Combo v1.30

HALLIBURTON

Plan Report for Trionyx 6 Fed 9H - Plan#1 071714 RevA0

Measured Depth (ft)	Inclination (°)	Grid Azimuth (°)	TVD below System (ft)	Vertical Depth (ft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100usft)	Vertical Section (ft)	Comments
					Northing (ft)	Easting (ft)	Northing (usft)	Easting (usft)			
0.00	0.00	0.00	-3,466.00	0.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
100.00	0.00	0.00	-3,366.00	100.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
200.00	0.00	0.00	-3,266.00	200.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
300.00	0.00	0.00	-3,166.00	300.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
400.00	0.00	0.00	-3,066.00	400.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
500.00	0.00	0.00	-2,966.00	500.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
597.00	0.00	0.00	-2,869.00	597.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	RUSTLER
600.00	0.00	0.00	-2,866.00	600.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
700.00	0.00	0.00	-2,766.00	700.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
800.00	0.00	0.00	-2,666.00	800.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
900.00	0.00	0.00	-2,566.00	900.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
992.00	0.00	0.00	-2,474.00	992.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	TOP SALT
1,000.00	0.00	0.00	-2,466.00	1,000.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
1,100.00	0.00	0.00	-2,366.00	1,100.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
1,200.00	0.00	0.00	-2,266.00	1,200.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
1,300.00	0.00	0.00	-2,166.00	1,300.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
1,400.00	0.00	0.00	-2,066.00	1,400.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
1,500.00	0.00	0.00	-1,966.00	1,500.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
1,600.00	0.00	0.00	-1,866.00	1,600.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
1,700.00	0.00	0.00	-1,766.00	1,700.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
1,800.00	0.00	0.00	-1,666.00	1,800.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
1,900.00	0.00	0.00	-1,566.00	1,900.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
2,000.00	0.00	0.00	-1,466.00	2,000.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
2,100.00	0.00	0.00	-1,366.00	2,100.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
2,200.00	0.00	0.00	-1,266.00	2,200.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
2,300.00	0.00	0.00	-1,166.00	2,300.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
2,400.00	0.00	0.00	-1,066.00	2,400.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
2,500.00	0.00	0.00	-966.00	2,500.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
2,600.00	0.00	0.00	-866.00	2,600.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
2,700.00	0.00	0.00	-766.00	2,700.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
2,798.00	0.00	0.00	-668.00	2,798.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	CASTILE
2,800.00	0.00	0.00	-666.00	2,800.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
2,900.00	0.00	0.00	-566.00	2,900.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
3,000.00	0.00	0.00	-466.00	3,000.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
3,100.00	0.00	0.00	-366.00	3,100.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
3,200.00	0.00	0.00	-266.00	3,200.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
3,300.00	0.00	0.00	-166.00	3,300.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
3,400.00	0.00	0.00	-66.00	3,400.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
3,500.00	0.00	0.00	34.00	3,500.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
3,600.00	0.00	0.00	134.00	3,600.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
3,700.00	0.00	0.00	234.00	3,700.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	

Plan Report for Trionyx 6 Fed 9H - Plan#1 071714 RevA0

Measured Depth (ft)	Inclination (°)	Grid Azimuth (°)	TVD below System (ft)	Vertical Depth (ft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100usft)	Vertical Section (ft)	Comments
					Northing (ft)	Easting (ft)	Northing (usft)	Easting (usft)			
3,800.00	0.00	0.00	334.00	3,800.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
3,900.00	0.00	0.00	434.00	3,900.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
4,000.00	0.00	0.00	534.00	4,000.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
4,100.00	0.00	0.00	634.00	4,100.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
4,200.00	0.00	0.00	734.00	4,200.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
4,300.00	0.00	0.00	834.00	4,300.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
4,400.00	0.00	0.00	934.00	4,400.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
4,405.00	0.00	0.00	939.00	4,405.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	Bell Canyon
4,500.00	0.00	0.00	1,034.00	4,500.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
4,600.00	0.00	0.00	1,134.00	4,600.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
4,700.00	0.00	0.00	1,234.00	4,700.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
4,800.00	0.00	0.00	1,334.00	4,800.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
4,900.00	0.00	0.00	1,434.00	4,900.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	
5,000.00	0.00	0.00	1,534.00	5,000.00	0.00 N	0.00 E	419,804.86	731,528.19	0.00	0.00	Start Build 1.00
5,100.00	1.00	270.00	1,633.99	5,099.99	0.00 N	0.87 W	419,804.86	731,527.32	1.00	0.12	
5,200.00	2.00	270.00	1,733.96	5,199.96	0.00 N	3.49 W	419,804.86	731,524.70	1.00	0.48	
5,294.13	2.94	270.00	1,828.00	5,294.00	0.00 N	7.55 W	419,804.86	731,520.64	1.00	1.04	Cherry Canyon
5,300.00	3.00	270.00	1,833.86	5,299.86	0.00 N	7.85 W	419,804.86	731,520.34	1.00	1.08	
5,400.00	4.00	270.00	1,933.68	5,399.68	0.00 N	13.96 W	419,804.86	731,514.23	1.00	1.93	
5,500.00	5.00	270.00	2,033.37	5,499.37	0.00 N	21.80 W	419,804.86	731,506.39	1.00	3.01	
5,600.00	6.00	270.00	2,132.90	5,598.90	0.00 N	31.39 W	419,804.86	731,496.80	1.00	4.33	
5,700.00	7.00	270.00	2,232.26	5,698.26	0.00 N	42.71 W	419,804.86	731,485.48	1.00	5.90	
5,800.00	8.00	270.00	2,331.40	5,797.40	0.00 N	55.76 W	419,804.86	731,472.43	1.00	7.70	Start 3318.00 hold at 5800.00 MD
5,900.00	8.00	270.00	2,430.43	5,896.43	0.00 N	69.68 W	419,804.86	731,458.51	0.00	9.62	
6,000.00	8.00	270.00	2,529.46	5,995.46	0.00 N	83.59 W	419,804.86	731,444.60	0.00	11.54	
6,100.00	8.00	270.00	2,628.48	6,094.48	0.00 N	97.51 W	419,804.86	731,430.68	0.00	13.47	
6,200.00	8.00	270.00	2,727.51	6,193.51	0.00 N	111.43 W	419,804.86	731,416.76	0.00	15.39	
6,300.00	8.00	270.00	2,826.54	6,292.54	0.00 N	125.35 W	419,804.86	731,402.84	0.00	17.31	
6,400.00	8.00	270.00	2,925.56	6,391.56	0.00 N	139.26 W	419,804.86	731,388.93	0.00	19.23	
6,500.00	8.00	270.00	3,024.59	6,490.59	0.00 N	153.18 W	419,804.86	731,375.01	0.00	21.15	
6,600.00	8.00	270.00	3,123.62	6,589.62	0.00 N	167.10 W	419,804.86	731,361.09	0.00	23.07	
6,629.67	8.00	270.00	3,153.00	6,619.00	0.00 N	171.23 W	419,804.86	731,356.96	0.00	23.65	Brushy Canyon
6,700.00	8.00	270.00	3,222.64	6,688.64	0.00 N	181.02 W	419,804.86	731,347.17	0.00	25.00	
6,800.00	8.00	270.00	3,321.67	6,787.67	0.00 N	194.93 W	419,804.86	731,333.26	0.00	26.92	
6,900.00	8.00	270.00	3,420.70	6,886.70	0.00 N	208.85 W	419,804.86	731,319.34	0.00	28.84	
7,000.00	8.00	270.00	3,519.72	6,985.72	0.00 N	222.77 W	419,804.86	731,305.42	0.00	30.76	
7,100.00	8.00	270.00	3,618.75	7,084.75	0.00 N	236.68 W	419,804.86	731,291.51	0.00	32.68	
7,200.00	8.00	270.00	3,717.78	7,183.78	0.00 N	250.60 W	419,804.86	731,277.59	0.00	34.61	
7,300.00	8.00	270.00	3,816.81	7,282.81	0.00 N	264.52 W	419,804.86	731,263.67	0.00	36.53	
7,400.00	8.00	270.00	3,915.83	7,381.83	0.00 N	278.44 W	419,804.86	731,249.75	0.00	38.45	
7,500.00	8.00	270.00	4,014.86	7,480.86	0.00 N	292.35 W	419,804.86	731,235.84	0.00	40.37	

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Measured Depth (ft)	Inclination (°)	Grid Azimuth (°)	TVD below System (ft)	Vertical Depth (ft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100usft)	Vertical Section (ft)	Comments
					Northing (ft)	Easting (ft)	Northing (usft)	Easting (usft)			
7,600.00	8.00	270.00	4,113.89	7,579.89	0.00 N	306.27 W	419,804.86	731,221.92	0.00	42.29	
7,700.00	8.00	270.00	4,212.91	7,678.91	0.00 N	320.19 W	419,804.86	731,208.00	0.00	44.22	
7,800.00	8.00	270.00	4,311.94	7,777.94	0.00 N	334.11 W	419,804.86	731,194.08	0.00	46.14	
7,900.00	8.00	270.00	4,410.97	7,876.97	0.00 N	348.02 W	419,804.86	731,180.17	0.00	48.06	
8,000.00	8.00	270.00	4,509.99	7,975.99	0.00 N	361.94 W	419,804.86	731,166.25	0.00	49.98	
8,100.00	8.00	270.00	4,609.02	8,075.02	0.00 N	375.86 W	419,804.86	731,152.33	0.00	51.90	
8,200.00	8.00	270.00	4,708.05	8,174.05	0.00 N	389.78 W	419,804.86	731,138.42	0.00	53.82	
8,227.22	8.00	270.00	4,735.00	8,201.00	0.00 N	393.56 W	419,804.86	731,134.63	0.00	54.35	1st Bone Spring Lime
8,300.00	8.00	270.00	4,807.07	8,273.07	0.00 N	403.69 W	419,804.86	731,124.50	0.00	55.75	
8,400.00	8.00	270.00	4,906.10	8,372.10	0.00 N	417.61 W	419,804.86	731,110.58	0.00	57.67	
8,500.00	8.00	270.00	5,005.13	8,471.13	0.00 N	431.53 W	419,804.86	731,096.66	0.00	59.59	
8,600.00	8.00	270.00	5,104.15	8,570.15	0.00 N	445.44 W	419,804.86	731,082.75	0.00	61.51	
8,700.00	8.00	270.00	5,203.18	8,669.18	0.00 N	459.36 W	419,804.86	731,068.83	0.00	63.43	
8,800.00	8.00	270.00	5,302.21	8,768.21	0.00 N	473.28 W	419,804.86	731,054.91	0.00	65.36	
8,900.00	8.00	270.00	5,401.23	8,867.23	0.00 N	487.20 W	419,804.86	731,040.99	0.00	67.28	
9,000.00	8.00	270.00	5,500.26	8,966.26	0.00 N	501.11 W	419,804.86	731,027.08	0.00	69.20	
9,100.00	8.00	270.00	5,599.29	9,065.29	0.00 N	515.03 W	419,804.86	731,013.16	0.00	71.12	
9,118.00	8.00	270.00	5,617.11	9,083.11	0.00 N	517.54 W	419,804.86	731,010.65	0.00	71.47	Start Drop -1.00
9,200.00	7.18	270.00	5,698.39	9,164.39	0.00 N	528.37 W	419,804.86	730,999.82	1.00	72.96	
9,300.00	6.18	270.00	5,797.71	9,263.71	0.00 N	540.00 W	419,804.86	730,988.19	1.00	74.57	
9,368.64	5.49	270.00	5,866.00	9,332.00	0.00 N	546.98 W	419,804.86	730,981.21	1.00	75.53	1st Bone Spring Sand
9,400.00	5.18	270.00	5,897.22	9,363.22	0.00 N	549.90 W	419,804.86	730,978.29	1.00	75.94	
9,500.00	4.18	270.00	5,996.89	9,462.89	0.00 N	558.06 W	419,804.86	730,970.14	1.00	77.06	
9,600.00	3.18	270.00	6,096.68	9,562.68	0.00 N	564.47 W	419,804.86	730,963.72	1.00	77.95	
9,700.00	2.18	270.00	6,196.57	9,662.57	0.00 N	569.15 W	419,804.86	730,959.04	1.00	78.59	
9,746.46	1.72	270.00	6,243.00	9,709.00	0.00 N	570.73 W	419,804.86	730,957.46	1.00	78.81	2nd Bone Spring Lime
9,800.00	1.18	270.00	6,296.52	9,762.52	0.00 N	572.08 W	419,804.86	730,956.11	1.00	79.00	
9,900.00	0.18	270.00	6,396.52	9,862.52	0.00 N	573.27 W	419,804.86	730,954.92	1.00	79.16	
9,918.00	0.00	0.00	6,414.52	9,880.52	0.00 N	573.30 W	419,804.86	730,954.89	1.00	79.17	Start 100.01 hold at 9918.00 MD
9,920.48	0.00	0.00	6,417.00	9,883.00	0.00 N	573.30 W	419,804.86	730,954.89	0.00	79.17	KOP
9,925.48	0.00	0.00	6,422.00	9,888.00	0.00 N	573.30 W	419,804.86	730,954.89	0.00	79.17	2nd Bone Spring Sand
10,000.00	0.00	0.00	6,496.52	9,962.52	0.00 N	573.30 W	419,804.86	730,954.89	0.00	79.17	
10,018.01	0.00	0.00	6,514.53	9,980.53	0.00 N	573.30 W	419,804.86	730,954.89	0.00	79.17	Start Build 12.00
10,100.00	9.84	358.94	6,596.11	10,062.11	7.02 N	573.43 W	419,811.88	730,954.76	12.00	86.14	
10,200.00	21.84	358.94	6,692.14	10,158.14	34.26 N	573.93 W	419,839.12	730,954.26	12.00	113.18	
10,300.00	33.84	358.94	6,780.41	10,246.41	80.86 N	574.80 W	419,885.72	730,953.39	12.00	159.46	
10,400.00	45.84	358.94	6,857.05	10,323.05	144.80 N	575.98 W	419,949.66	730,952.21	12.00	222.95	
10,500.00	57.84	358.94	6,918.73	10,384.73	223.27 N	577.44 W	420,028.13	730,950.75	12.00	300.87	
10,600.00	69.84	358.94	6,962.74	10,428.74	312.84 N	579.10 W	420,117.70	730,949.09	12.00	389.81	
10,700.00	81.84	358.94	6,987.16	10,453.16	409.61 N	580.90 W	420,214.47	730,947.30	12.00	485.90	

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Measured Depth (ft)	Inclination (°)	Grid Azimuth (°)	TVD below System (ft)	Vertical Depth (ft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100usft)	Vertical Section (ft)	Comments
					Northing (ft)	Easting (ft)	Northing (usft)	Easting (usft)			
10,724.34	84.76	358.94	6,990.00	10,456.00	433.78 N	581.34 W	420,238.64	730,946.85	12.00	509.90	2nd Bone Spring Target 0' VS - 2nd Bone Spring Target (Heel) - 2nd Bone Spring Target (Toe)
10,768.02	90.00	358.94	6,992.00	10,458.00	477.38 N	582.15 W	420,282.24	730,946.04	12.00	553.20	Start 4265.81 hold at 10768.02 MD
10,800.00	90.00	358.94	6,992.00	10,458.00	509.36 N	582.75 W	420,314.22	730,945.44	0.00	584.95	
10,900.00	90.00	358.94	6,992.00	10,458.00	609.35 N	584.60 W	420,414.20	730,943.59	0.00	684.24	
11,000.00	90.00	358.94	6,992.00	10,458.00	709.33 N	586.46 W	420,514.19	730,941.73	0.00	783.52	
11,100.00	90.00	358.94	6,992.00	10,458.00	809.31 N	588.31 W	420,614.17	730,939.88	0.00	882.80	
11,200.00	90.00	358.94	6,992.00	10,458.00	909.29 N	590.17 W	420,714.15	730,938.03	0.00	982.08	
11,300.00	90.00	358.94	6,992.00	10,458.00	1,009.28 N	592.02 W	420,814.13	730,936.17	0.00	1,081.36	
11,400.00	90.00	358.94	6,992.00	10,458.00	1,109.26 N	593.88 W	420,914.12	730,934.32	0.00	1,180.64	
11,500.00	90.00	358.94	6,992.00	10,458.00	1,209.24 N	595.73 W	421,014.10	730,932.46	0.00	1,279.92	
11,600.00	90.00	358.94	6,992.00	10,458.00	1,309.22 N	597.59 W	421,114.08	730,930.61	0.00	1,379.20	
11,700.00	90.00	358.94	6,992.00	10,458.00	1,409.21 N	599.44 W	421,214.06	730,928.75	0.00	1,478.48	
11,800.00	90.00	358.94	6,992.00	10,458.00	1,509.19 N	601.30 W	421,314.05	730,926.90	0.00	1,577.77	
11,900.00	90.00	358.94	6,992.00	10,458.00	1,609.17 N	603.15 W	421,414.03	730,925.04	0.00	1,677.05	
12,000.00	90.00	358.94	6,992.00	10,458.00	1,709.16 N	605.01 W	421,514.01	730,923.19	0.00	1,776.33	
12,100.00	90.00	358.94	6,992.00	10,458.00	1,809.14 N	606.86 W	421,614.00	730,921.33	0.00	1,875.61	
12,200.00	90.00	358.94	6,992.00	10,458.00	1,909.12 N	608.72 W	421,713.98	730,919.48	0.00	1,974.89	
12,300.00	90.00	358.94	6,992.00	10,458.00	2,009.10 N	610.57 W	421,813.96	730,917.62	0.00	2,074.17	
12,400.00	90.00	358.94	6,992.00	10,458.00	2,109.09 N	612.43 W	421,913.94	730,915.77	0.00	2,173.45	
12,500.00	90.00	358.94	6,992.00	10,458.00	2,209.07 N	614.28 W	422,013.93	730,913.91	0.00	2,272.73	
12,600.00	90.00	358.94	6,992.00	10,458.00	2,309.05 N	616.14 W	422,113.91	730,912.06	0.00	2,372.01	
12,700.00	90.00	358.94	6,992.00	10,458.00	2,409.04 N	617.99 W	422,213.89	730,910.20	0.00	2,471.29	
12,800.00	90.00	358.94	6,992.00	10,458.00	2,509.02 N	619.85 W	422,313.87	730,908.35	0.00	2,570.58	
12,900.00	90.00	358.94	6,992.00	10,458.00	2,609.00 N	621.70 W	422,413.86	730,906.49	0.00	2,669.86	
13,000.00	90.00	358.94	6,992.00	10,458.00	2,708.98 N	623.56 W	422,513.84	730,904.64	0.00	2,769.14	
13,100.00	90.00	358.94	6,992.00	10,458.00	2,808.97 N	625.41 W	422,613.82	730,902.78	0.00	2,868.42	
13,200.00	90.00	358.94	6,992.00	10,458.00	2,908.95 N	627.26 W	422,713.80	730,900.93	0.00	2,967.70	
13,300.00	90.00	358.94	6,992.00	10,458.00	3,008.93 N	629.12 W	422,813.79	730,899.07	0.00	3,066.98	
13,400.00	90.00	358.94	6,992.00	10,458.00	3,108.91 N	630.97 W	422,913.77	730,897.22	0.00	3,166.26	
13,500.00	90.00	358.94	6,992.00	10,458.00	3,208.90 N	632.83 W	423,013.75	730,895.36	0.00	3,265.54	
13,600.00	90.00	358.94	6,992.00	10,458.00	3,308.88 N	634.68 W	423,113.73	730,893.51	0.00	3,364.82	
13,700.00	90.00	358.94	6,992.00	10,458.00	3,408.86 N	636.54 W	423,213.72	730,891.65	0.00	3,464.11	
13,800.00	90.00	358.94	6,992.00	10,458.00	3,508.85 N	638.39 W	423,313.70	730,889.80	0.00	3,563.39	
13,900.00	90.00	358.94	6,992.00	10,458.00	3,608.83 N	640.25 W	423,413.68	730,887.94	0.00	3,662.67	
14,000.00	90.00	358.94	6,992.00	10,458.00	3,708.81 N	642.10 W	423,513.66	730,886.09	0.00	3,761.95	
14,100.00	90.00	358.94	6,992.00	10,458.00	3,808.79 N	643.96 W	423,613.65	730,884.23	0.00	3,861.23	
14,200.00	90.00	358.94	6,992.00	10,458.00	3,908.78 N	645.81 W	423,713.63	730,882.38	0.00	3,960.51	
14,300.00	90.00	358.94	6,992.00	10,458.00	4,008.76 N	647.67 W	423,813.61	730,880.52	0.00	4,059.79	
14,400.00	90.00	358.94	6,992.00	10,458.00	4,108.74 N	649.52 W	423,913.59	730,878.67	0.00	4,159.07	
14,500.00	90.00	358.94	6,992.00	10,458.00	4,208.73 N	651.38 W	424,013.58	730,876.81	0.00	4,258.35	

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Measured Depth (ft)	Inclination (°)	Grid Azimuth (°)	TVD below System (ft)	Vertical Depth (ft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100usft)	Vertical Section (ft)	Comments
					Northing (ft)	Easting (ft)	Northing (usft)	Easting (usft)			
14,600.00	90.00	358.94	6,992.00	10,458.00	4,308.71 N	653.23 W	424,113.56	730,874.96	0.00	4,357.63	
14,700.00	90.00	358.94	6,992.00	10,458.00	4,408.69 N	655.09 W	424,213.54	730,873.10	0.00	4,456.92	
14,800.00	90.00	358.94	6,992.00	10,458.00	4,508.67 N	656.94 W	424,313.53	730,871.25	0.00	4,556.20	
14,900.00	90.00	358.94	6,992.00	10,458.00	4,608.66 N	658.80 W	424,413.51	730,869.39	0.00	4,655.48	
15,000.00	90.00	358.94	6,992.00	10,458.00	4,708.64 N	660.65 W	424,513.49	730,867.54	0.00	4,754.76	
15,033.83	90.00	358.94	6,992.00	10,458.00	4,742.46 N	661.28 W	424,547.31	730,866.91	0.00	4,788.34	TD at 15033.83

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
5,000.00	5,000.00	0.00	0.00	Start Build 1.00
5,800.00	5,797.40	0.00	-55.76	Start 3318.00 hold at 5800.00 MD
9,118.00	9,083.11	0.00	-517.54	Start Drop -1.00
9,918.00	9,880.52	0.00	-573.30	Start 100.01 hold at 9918.00 MD
10,018.01	9,980.53	0.00	-573.30	Start Build 12.00
10,768.02	10,458.00	477.38	-582.15	Start 4265.81 hold at 10768.02 MD
15,033.83	10,458.00	4,742.46	-661.28	TD at 15033.83

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin		Start TVD (ft)
				+N/-S (ft)	+E/-W (ft)	
TD	No Target (Freehand)	352.06	Slot	0.00	0.00	0.00

Survey tool program

From (ft)	To (ft)	Survey/Plan	Survey Tool
0.00	15,033.76	Plan#1 071714 RevA0	MWD

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Formation Details

Measured Depth (ft)	Vertical Depth (ft)	TVDSS (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
597.00	597.00	-2,869.00	RUSTLER		0.00	
992.00	992.00	-2,474.00	TOP SALT		0.00	
2,798.00	2,798.00	-668.00	CASTILE		0.00	
4,405.00	4,405.00	939.00	Bell Canyon			
5,294.13	5,294.00	1,828.00	Cherry Canyon			
6,629.67	6,619.00	3,153.00	Brushy Canyon			
8,227.22	8,201.00	4,735.00	1st Bone Spring Lime			
9,368.64	9,332.00	5,866.00	1st Bone Spring Sand			
9,746.46	9,709.00	6,243.00	2nd Bone Spring Lime			
9,920.48	9,883.00	6,417.00	KOP			
9,925.48	9,888.00	6,422.00	2nd Bone Spring Sand			
10,724.34	10,456.00	6,990.00	2nd Bone Spring Target 0' VS			
10,724.34	10,456.00	6,990.00	2nd Bone Spring Target (Heel)			
10,724.34	10,456.00	6,990.00	2nd Bone Spring Target (Toe)			

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
Trionyx 6 Fed 9H BHL ()	0.00	0.00	10,458.00	4,742.46	-661.28	424,547.31	730,866.91	32° 9' 56.434 N	103° 43' 14.973 W
- plan hits target center									
- Point									

Directional Difficulty Index

Average Dogleg over Survey:	0.71 °/100usft	Maximum Dogleg over Survey:	12.00 °/100usft at 10,768.02 ft
Net Tortousity applicable to Plans:	0.71 °/100usft	Directional Difficulty Index:	6.112

Audit Info

North Reference Sheet for Sec 6 T. 25 E., R.32E. - Trionyx 6 Fed 9H - Wellbore #1

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

Vertical Depths are relative to WELL @ 3466.00ft (HP223 25'KB). Northing and Easting are relative to Trionyx 6 Fed 9H

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

Projection method is Transverse Mercator (Gauss-Kruger)

Central Meridian is 104° 20' 0.000 W°, Longitude Origin:0° 0' 0.000 E°, Latitude Origin:0° 0' 0.000 N°

False Easting: 541,337.50usft, False Northing: 0.00usft, Scale Reduction: 0.99995052

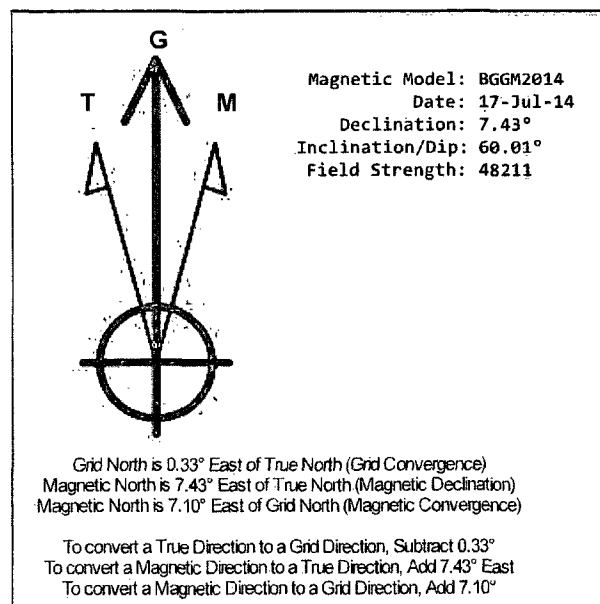
Grid Coordinates of Well: 419,804.86 usft N, 731,528.19 usft E

Geographical Coordinates of Well: 32° 09' 09.47" N, 103° 43' 07.59" W

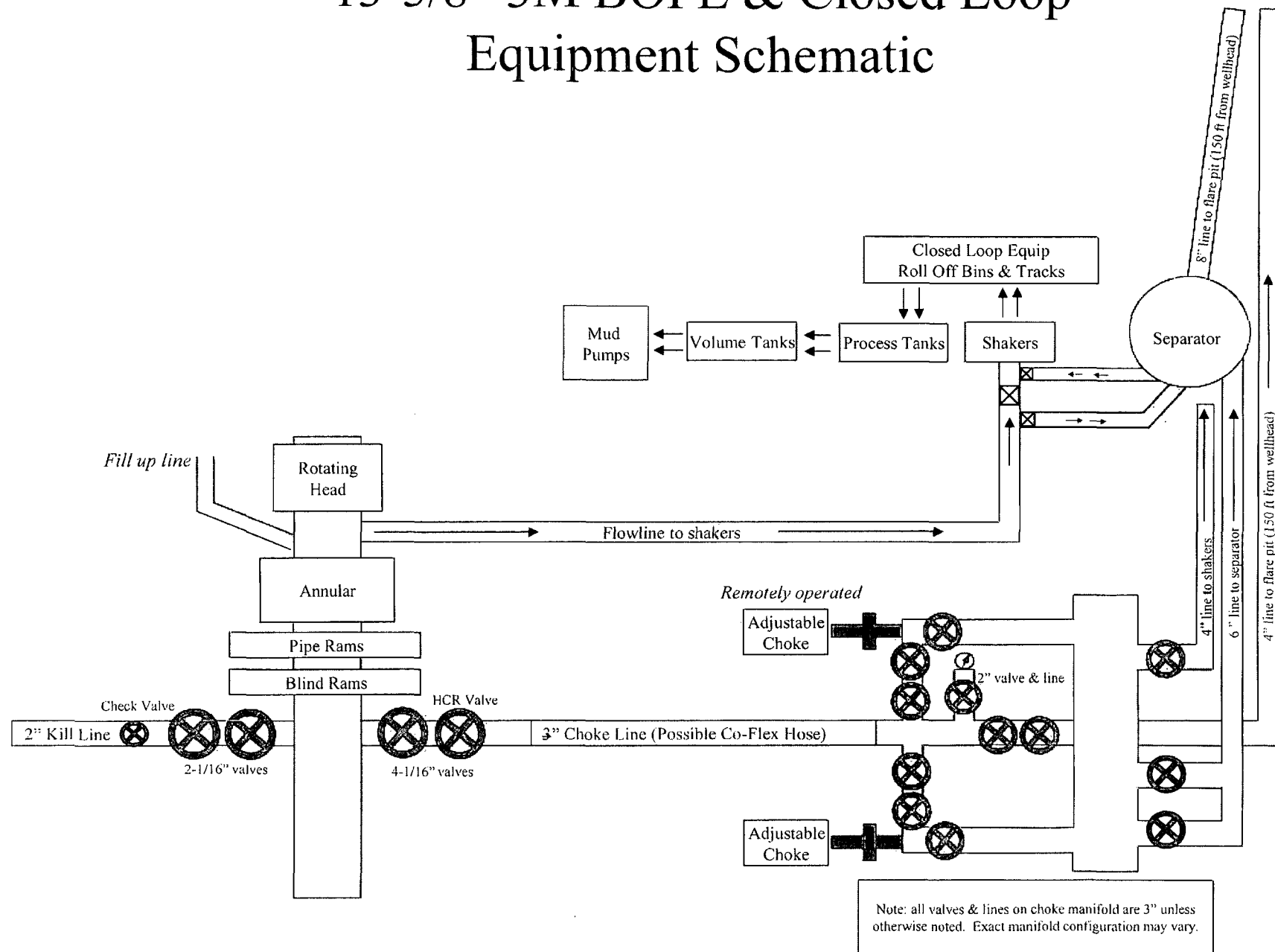
Grid Convergence at Surface is: 0.33°

Based upon Minimum Curvature type calculations, at a Measured Depth of 15,033.83ft
the Bottom Hole Displacement is 4,788.34ft in the Direction of 352.06° (Grid).

Magnetic Convergence at surface is: -7.10° (17 July 2014, , BGGM2014)



13-5/8" 3M BOPE & Closed Loop Equipment Schematic



NOTES REGARDING BLOWOUT PREVENTERS

Devon Energy Production Company, L.P.
Trionyx 6 Fed 9H

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 filings will be in operable condition to withstand a minimum of 3000psi working pressure.
4. All fittings will be flanged.
5. A full bore safety valve tested to a minimum of 3000psi 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 Heimerich & 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.contitechbeattie.com





QUALITY DOCUMENT

PHOENIX RUBBER
INDUSTRIAL LTD.

H-6728 Szeged, Budapesti út 10. Hungary • H-6701 Szeged, P. O. Box 152
Phone: (3662) 566-737 • Fax: (3662) 566-738

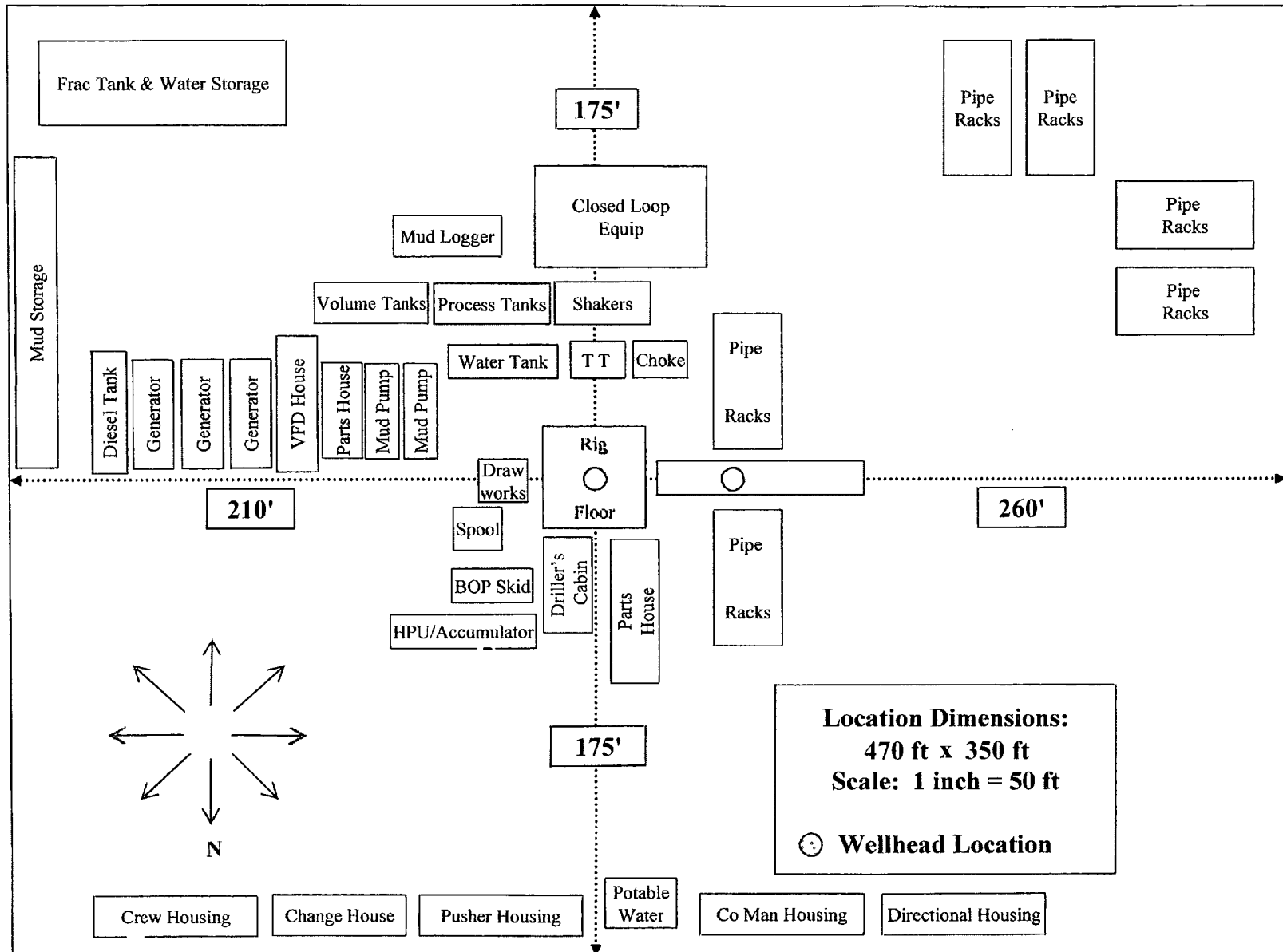
SALES & MARKETING: H-1092 Budapest, Ráday u. 42-44. Hungary • H-1440 Budapest, P. O. Box 26
Phone: (361) 456-4200 • Fax: (361) 217-2972, 456-4273 • www.taurusemerge.hu

QUALITY CONTROL INSPECTION AND TEST CERTIFICATE				CERT N° 890	
PURCHASER: Phoenix Beattie Co.				P.O. N° 1520FA-872	
PHOENIX ORDER N° 172232		HOSE TYPE: 3" ID Choke and Kill Hose			
HOSE SERIAL N° 34403		NOMINAL / ACTUAL LENGTH: 11,43 m			
W.P 68,96 MPa 10000 psi		T.P 103,4 MPa 15000 psi		Duration: 60 min.	
Pressure test with water at ambient temperature					
See attachment. (1 page)					
↑ 10 mm = 10 Min. → 10 mm = 16 MPa					
COUPLINGS					
Type	Serial N°		Quality	Heat N°	
3" coupling with 4 1/16" Flange end	1231/a 1228		AISI 4130	80751	
			AISI 4130	47438	
API Spec 16 C Temperature rate: "B"					
All metal parts are flawless					
WE CERTIFY THAT THE ABOVE HOSE HAS BEEN MANUFACTURED IN ACCORDANCE WITH THE TERMS OF THE ORDER AND PRESSURE TESTED AS ABOVE WITH SATISFACTORY RESULT.					
Date: 20. June. 2002.	Inspector		Quality Control PHOENIX RUBBER Industrial Ltd. Hose Inspection and Certification Dept.		

VERIFIED TRUE COPY
PHOENIX RUBBER O O

H&P Flex Rig Location Layout

2 Well Pad



HOBBS OCD

MAR 16 2015

RECEIVED

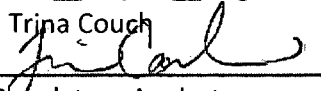
Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access road proposed herein; that I am familiar with the conditions that presently exist; that I have full knowledge of State and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or Devon Energy Production Company, L.P. am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

I hereby also certify that I, or Devon Energy Production Company, L.P. have made a good faith effort to provide the surface owner with a copy of the Surface Use Plan of Operations and any Conditions of Approval that are attached to the APD.

Executed this 11th day of August 2014.

Printed Name: Trina Couch

Signed Name: 

Position Title: Regulatory Analyst

Address: 333 W. Sheridan, OKC OK 73102

Telephone: (405)-228-7203