

AAPD

Form 3160-5
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

HOBBS OCD

APR 11 2013

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

RECEIVED

8. Well Name and No.
TRIONYX 6 FEDERAL 5H

2. Name of Operator

DEVON ENERGY PRODUCTION CO., LP

Contact: ERIN L WORKMAN

E-Mail: ERIN.WORKMAN@DVN.COM

9. API Well No.
30-025-40045

3a. Address

333 WEST SHERIDAN AVENUE
OKC, OK 73102

3b. Phone No. (include area code)

Ph: 405-552-7970

10. Field and Pool, or Exploratory
WILDCAT, BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 6 T25S R32E 200FSL 2310FEL

11. County or Parish, and State

LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Change to Original A PD
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

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

Devon Energy Production Co., LP respectfully requests to change from the 96757 Cotton Draw; Delaware, South to the 2nd Bone Spring.

Attachments: Directional & Drilling Plans

SUBJECT TO LIKE
APPROVAL BY STATE

Original COAs still stand

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #202734 verified by the BLM Well Information System
For DEVON ENERGY PRODUCTION CO., LP, sent to the Hobbs

Name (Printed/Typed) ERIN L WORKMAN

Title REGULATORY COMPLIANCE ASSOC.

Signature (Electronic Submission)

Date 03/27/2013

APPROVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Petroleum Engineer

Title

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

BUREAU OF LAND MANAGEMENT
PEARL SPRAD FIELD 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.

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

APR 15 2013

TRIONYX 6 FED 5H – APD DRILLING PLAN
JSL 03-18-2013

Casing Program

<u>Hole Size</u>	<u>Hole Interval</u>	<u>OD Csg</u>	<u>Casing Interval</u>	<u>Weight</u>	<u>Collar</u>	<u>Grade</u>
17-1/2"	0 – 750	13-3/8"	0 – 750	48#	STC	H-40
12-1/4"	750 – 4,450	9-5/8"	0 – 4,450	54.4#	BTC	HCK-55
8-3/4"	4,450 – 9,600	5-1/2"	0 – 9,600	17#	LTC	HCP-110
8-3/4"	9,600 – 14,974	5-1/2"	9,600 – 14,973	17#	BTC	HCP-110

Note: only new casing will be utilized

MAXIMUM LATERAL TVD 10,463

Design Factors:

<u>Casing Size</u>	<u>Collapse Design Factor</u>	<u>Burst Design Factor</u>	<u>Tension Design Factor</u>
13-3/8"	1.98	4.44	8.94
9-5/8" 54.4# HCK-55 BTC	1.81	1.69	21.94
5-1/2" 17# HCP-110 LTC	1.66	2.37	3.35
5-1/2" 17# HCP-110 BTC	1.53	2.18	2.14

Mud Program:

<u>Depth</u>	<u>Mud Wt.</u>	<u>Visc.</u>	<u>Fluid Loss</u>	<u>Type System</u>
0 – 750	8.4 – 9.0	30 – 34	N/C	FW
750 – 4,450	9.8 – 10.0	28 – 32	N/C	Brine
4,450 – 14,974	8.6 – 9.0	28 – 32	N/C	FW

Pressure Control Equipment:

The BOP system used to drill the intermediate hole will consist of a 13-5/8" 3M Double 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 surface casing shoe.

The BOP system used to drill the production hole will consist of a 13-5/8" 3M Double 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 intermediate 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.

Cementing Program (cement volumes based on 100 % excess Surface, 50% excess Intermediate and at least 25% excess Production)

13-3/8" Surface	875 ft	Lead: 300 sacks Class C Cement + 2% bwoc Calcium Chloride + 0.125 lbs/sack Poly-E-Flake + 4% bwoc Bentonite + 70.1% Fresh Water, 13.5 ppg Yield: 1.75 cf/sk TOC @ surface 500 ft Tail: 515 sacks Class C Cement + 2% bwoc Calcium Chloride + 0.125 lbs/sack Poly-E-Flake + 63.1% Fresh Water, 14.8 ppg Yield: 1.35 cf/sk
9-5/8" Intermediate	4500 ft	Lead: 900 sacks (65:35) Class C Cement:Poz (Fly Ash): + 5% bwow Sodium Chloride + 0.125 lbs/sack Poly-E-Flake + 6% bwoc Bentonite + 70.9% Fresh Water, 12.9 ppg Yield: 1.85 cf/sk TOC @ surface Tail: 360 sacks Class C Cement + 0.125 lbs/sack Poly-E-Flake + 63.5% Water, 14.8 ppg Yield: 1.33 cf/sk
5-1/2" Production	14956 ft.	3000 1st Lead: 380 sacks (50:50) Class H Cement:Poz (Fly Ash) + 10% bwoc Bentonite + 8 lb/sk Sodium Chloride + 0.125 lbs/sack Poly-E-Flake + 0.3% bwoc HR-601 + 0.3% bwoc Econolite + 77.2% Fresh Water, 11.8 ppg Yield: 2.52 cf/sk 2300 2nd Lead: 375sacks (65:35) Class H Cement:Poz (Fly Ash) + 6% bwoc Bentonite + 0.125 lbs/sack Poly-E-Flake + 0.1% bwoc HR-601 + 74.1% Fresh Water, 12.5 ppg Yield: 1.95 cf/sk 5700 ft. Tail: 1475 sacks (50:50) Class H Cement:Poz (Fly Ash) + 1 lb/sk Sodium Chloride + 0.5% bwoc HALAD-344 + 0.4% bwoc CFR-3 + 0.1% bwoc HR-601 + 2% bwoc Bentonite + 58.8% Fresh Water, 14.5 ppg Yield: 1.22 cf/sk

TOC for All Strings:

Surface:	0
Intermediate:	0
Production:	4000. ft

ACTUAL CEMENT VOLUMES WILL BE ADJUSTED BASED ON FLUID CALIPER AND CALIPER LOG DATA.

MD	INC	AZI	TVD	NS	EW	DLS	BUILD	TURN
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00
1000.00	0.00	0.00	1000.00	0.00	0.00	0.00	0.00	0.00
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00
1200.00	0.00	0.00	1200.00	0.00	0.00	0.00	0.00	0.00
1300.00	0.00	0.00	1300.00	0.00	0.00	0.00	0.00	0.00
1400.00	0.00	0.00	1400.00	0.00	0.00	0.00	0.00	0.00
1500.00	0.00	0.00	1500.00	0.00	0.00	0.00	0.00	0.00
1600.00	0.00	0.00	1600.00	0.00	0.00	0.00	0.00	0.00
1700.00	0.00	0.00	1700.00	0.00	0.00	0.00	0.00	0.00
1800.00	0.00	0.00	1800.00	0.00	0.00	0.00	0.00	0.00
1900.00	0.00	0.00	1900.00	0.00	0.00	0.00	0.00	0.00
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.00
2100.00	0.00	0.00	2100.00	0.00	0.00	0.00	0.00	0.00
2200.00	0.00	0.00	2200.00	0.00	0.00	0.00	0.00	0.00
2300.00	0.00	0.00	2300.00	0.00	0.00	0.00	0.00	0.00
2400.00	0.00	0.00	2400.00	0.00	0.00	0.00	0.00	0.00
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00
2600.00	0.00	0.00	2600.00	0.00	0.00	0.00	0.00	0.00
2700.00	0.00	0.00	2700.00	0.00	0.00	0.00	0.00	0.00
2800.00	0.00	0.00	2800.00	0.00	0.00	0.00	0.00	0.00
2900.00	0.00	0.00	2900.00	0.00	0.00	0.00	0.00	0.00
3000.00	0.00	0.00	3000.00	0.00	0.00	0.00	0.00	0.00
3100.00	0.00	0.00	3100.00	0.00	0.00	0.00	0.00	0.00
3200.00	0.00	0.00	3200.00	0.00	0.00	0.00	0.00	0.00
3300.00	0.00	0.00	3300.00	0.00	0.00	0.00	0.00	0.00
3400.00	0.00	0.00	3400.00	0.00	0.00	0.00	0.00	0.00
3500.00	0.00	0.00	3500.00	0.00	0.00	0.00	0.00	0.00
3600.00	0.00	0.00	3600.00	0.00	0.00	0.00	0.00	0.00
3700.00	0.00	0.00	3700.00	0.00	0.00	0.00	0.00	0.00
3800.00	0.00	0.00	3800.00	0.00	0.00	0.00	0.00	0.00
3900.00	0.00	0.00	3900.00	0.00	0.00	0.00	0.00	0.00
4000.00	0.00	0.00	4000.00	0.00	0.00	0.00	0.00	0.00
4100.00	0.00	0.00	4100.00	0.00	0.00	0.00	0.00	0.00
4200.00	0.00	0.00	4200.00	0.00	0.00	0.00	0.00	0.00
4300.00	0.00	0.00	4300.00	0.00	0.00	0.00	0.00	0.00
4400.00	0.00	0.00	4400.00	0.00	0.00	0.00	0.00	0.00
4500.00	0.00	0.00	4500.00	0.00	0.00	0.00	0.00	0.00

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9300.00	0.00	0.00	9300.00	0.00	0.00	0.00	0.00	0.00
9400.00	0.00	0.00	9400.00	0.00	0.00	0.00	0.00	0.00
9500.00	0.00	0.00	9500.00	0.00	0.00	0.00	0.00	0.00
9600.00	0.00	0.00	9600.00	0.00	0.00	0.00	0.00	0.00
9700.00	0.00	0.00	9700.00	0.00	0.00	0.00	0.00	0.00
9800.00	0.00	0.00	9800.00	0.00	0.00	0.00	0.00	0.00
9890.05	0.00	0.00	9890.05	0.00	0.00	0.00	0.00	0.00
9900.00	1.00	359.46	9900.00	0.09	0.00	10.00	10.00	0.00
9950.00	6.00	359.46	9949.89	3.13	-0.03	10.00	10.00	0.00
10000.00	11.00	359.46	9999.33	10.52	-0.10	10.00	10.00	0.00
10050.00	16.00	359.46	10047.93	22.18	-0.21	10.00	10.00	0.00
10100.00	21.00	359.46	10095.33	38.04	-0.36	10.00	10.00	0.00
10150.00	26.00	359.46	10141.17	57.96	-0.55	10.00	10.00	0.00
10200.00	31.00	359.46	10185.10	81.81	-0.78	10.00	10.00	0.00
10250.00	36.00	359.46	10226.79	109.39	-1.04	10.00	10.00	0.00
10300.00	41.00	359.46	10265.91	140.50	-1.33	10.00	10.00	0.00
10350.00	46.00	359.46	10302.17	174.90	-1.66	10.00	10.00	0.00
10400.00	51.00	359.46	10335.29	212.34	-2.02	10.00	10.00	0.00
10450.00	56.00	359.46	10365.03	252.51	-2.40	10.00	10.00	0.00
10500.00	61.00	359.46	10391.15	295.13	-2.80	10.00	10.00	0.00
10550.00	66.00	359.46	10413.45	339.85	-3.23	10.00	10.00	0.00
10600.00	71.00	359.46	10431.78	386.36	-3.67	10.00	10.00	0.00
10650.00	76.00	359.46	10445.98	434.28	-4.13	10.00	10.00	0.00
10700.00	81.00	359.46	10455.95	483.26	-4.59	10.00	10.00	0.00
10750.00	86.00	359.46	10461.61	532.92	-5.06	10.00	10.00	0.00
10792.65	90.26	359.46	10463.00	575.54	-5.47	10.00	10.00	0.00
10800.00	90.26	359.46	10462.97	582.88	-5.54	0.00	0.00	0.00
10900.00	90.26	359.46	10462.51	682.88	-6.49	0.00	0.00	0.00
11000.00	90.26	359.46	10462.06	782.87	-7.44	0.00	0.00	0.00
11100.00	90.26	359.46	10461.61	882.86	-8.39	0.00	0.00	0.00
11200.00	90.26	359.46	10461.15	982.86	-9.34	0.00	0.00	0.00
11300.00	90.26	359.46	10460.70	1082.85	-10.29	0.00	0.00	0.00
11400.00	90.26	359.46	10460.24	1182.85	-11.24	0.00	0.00	0.00
11500.00	90.26	359.46	10459.79	1282.84	-12.19	0.00	0.00	0.00
11600.00	90.26	359.46	10459.33	1382.84	-13.14	0.00	0.00	0.00
11700.00	90.26	359.46	10458.88	1482.83	-14.09	0.00	0.00	0.00
11800.00	90.26	359.46	10458.42	1582.83	-15.04	0.00	0.00	0.00
11900.00	90.26	359.46	10457.97	1682.82	-15.99	0.00	0.00	0.00
12000.00	90.26	359.46	10457.51	1782.81	-16.94	0.00	0.00	0.00
12100.00	90.26	359.46	10457.06	1882.81	-17.89	0.00	0.00	0.00
12200.00	90.26	359.46	10456.61	1982.80	-18.84	0.00	0.00	0.00
12300.00	90.26	359.46	10456.15	2082.80	-19.79	0.00	0.00	0.00
12400.00	90.26	359.46	10455.70	2182.79	-20.74	0.00	0.00	0.00
12500.00	90.26	359.46	10455.24	2282.79	-21.69	0.00	0.00	0.00
12600.00	90.26	359.46	10454.79	2382.78	-22.64	0.00	0.00	0.00
12700.00	90.26	359.46	10454.33	2482.78	-23.59	0.00	0.00	0.00
12800.00	90.26	359.46	10453.88	2582.77	-24.54	0.00	0.00	0.00

12900.00	90.26	359.46	10453.42	2682.76	-25.49	0.00	0.00	0.00
13000.00	90.26	359.46	10452.97	2782.76	-26.44	0.00	0.00	0.00
13100.00	90.26	359.46	10452.52	2882.75	-27.39	0.00	0.00	0.00
13200.00	90.26	359.46	10452.06	2982.75	-28.34	0.00	0.00	0.00
13300.00	90.26	359.46	10451.61	3082.74	-29.29	0.00	0.00	0.00
13400.00	90.26	359.46	10451.15	3182.74	-30.24	0.00	0.00	0.00
13500.00	90.26	359.46	10450.70	3282.73	-31.19	0.00	0.00	0.00
13600.00	90.26	359.46	10450.24	3382.73	-32.14	0.00	0.00	0.00
13700.00	90.26	359.46	10449.79	3482.72	-33.09	0.00	0.00	0.00
13800.00	90.26	359.46	10449.33	3582.72	-34.04	0.00	0.00	0.00
13900.00	90.26	359.46	10448.88	3682.71	-34.99	0.00	0.00	0.00
14000.00	90.26	359.46	10448.43	3782.70	-35.94	0.00	0.00	0.00
14100.00	90.26	359.46	10447.97	3882.70	-36.89	0.00	0.00	0.00
14200.00	90.26	359.46	10447.52	3982.69	-37.84	0.00	0.00	0.00
14300.00	90.26	359.46	10447.06	4082.69	-38.78	0.00	0.00	0.00
14400.00	90.26	359.46	10446.61	4182.68	-39.73	0.00	0.00	0.00
14500.00	90.26	359.46	10446.15	4282.68	-40.68	0.00	0.00	0.00
14600.00	90.26	359.46	10445.70	4382.67	-41.63	0.00	0.00	0.00
14700.00	90.26	359.46	10445.24	4482.67	-42.58	0.00	0.00	0.00
14800.00	90.26	359.46	10444.79	4582.66	-43.53	0.00	0.00	0.00
14900.00	90.26	359.46	10444.33	4682.65	-44.48	0.00	0.00	0.00
14973.65	90.26	359.46	10444.00	4756.30	-45.18	0.00	0.00	0.00

VSECT

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[illegible]

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3.13
10.52
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38.04
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81.81
109.40
140.51
174.91
212.34
252.52
295.14
339.87
386.37
434.30
483.28
532.94
575.56
582.91
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782.91
882.90
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4282.87
4382.87
4482.87
4582.87
4682.87
4756.51

LEAM Drilling Systems LLC

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well 5H
Company:	DEVON ENERGY	TVD Reference:	GE 3444 + KB 25 @ 3469.00usft (Permitting)
Project:	Lea County, NM (NAD-83)	MD Reference:	GE 3444 + KB 25 @ 3469.00usft (Permitting)
Site:	Trionyx #6 Fed	North Reference:	Grid
Well:	5H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Project:	Lea County, NM (NAD-83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site:	Trionyx #6 Fed		
Site Position:		Northing:	419,774.49 usft
From:	Map	Easting:	734,923.10 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16"
		Latitude:	32° 9' 8.973 N
		Longitude:	103° 42' 28.107 W
		Grid Convergence:	0.33 °

Well:	5H		
Well Position	+N/-S	-11.72 usft	Northing:
	+E/-W	-1,675.03 usft	Easting:
Position Uncertainty	0.00 usft	Wellhead Elevation:	Ground Level:
			3,444.00 usft

Wellbore:	OH		
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	03/21/13	7.43	60.05	48,381

Design:	Plan #1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.00	0.00	0.00
			Direction (°)
			359.46

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9,890.05	0.00	0.00	9,890.05	0.00	0.00	0.00	0.00	0.00	0.00	
10,792.65	90.26	359.46	10,463.00	575.54	-5.47	10.00	10.00	-0.06	359.46	
14,973.65	90.26	359.46	10,444.00	4,756.30	-45.18	0.00	0.00	0.00	0.00	PBHL(T-6-F 5H)

LEAM Drilling Systems LLC

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well 5H
Company:	DEVON ENERGY	TVD Reference:	GE 3444' + KB 25' @ 3469.00usft (Permitting)
Project:	Lea County NM (NAD-83)	MD Reference:	GE 3444' + KB 25' @ 3469.00usft (Permitting)
Site:	Trionyx 6 Fed	North Reference:	Grid
Well:	5H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
676.00	0.00	0.00	676.00	0.00	0.00	0.00	0.00	0.00	0.00
RUSTLER									
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
975.00	0.00	0.00	975.00	0.00	0.00	0.00	0.00	0.00	0.00
TOP SALT									
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,163.00	0.00	0.00	4,163.00	0.00	0.00	0.00	0.00	0.00	0.00
BASE SALT									
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,386.00	0.00	0.00	4,386.00	0.00	0.00	0.00	0.00	0.00	0.00
DELAWARE									

LEAM Drilling Systems LLC

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well 5H
Company:	DEVON ENERGY	TVD Reference:	GE 3444' + KB 25' @ 3469.00usft (Permitting)
Project:	Lea County, NM (NAD-83)	MD Reference:	GE 3444' + KB 25' @ 3469.00usft (Permitting)
Site:	Trionyx 6 Fed	North Reference:	Grid
Well:	5H	Survey Calculation/Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,100.00	0.00	0.00	6,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,200.00	0.00	0.00	6,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,300.00	0.00	0.00	6,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,400.00	0.00	0.00	6,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,500.00	0.00	0.00	6,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,600.00	0.00	0.00	6,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,700.00	0.00	0.00	6,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,800.00	0.00	0.00	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,900.00	0.00	0.00	6,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
7,000.00	0.00	0.00	7,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
7,100.00	0.00	0.00	7,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
7,200.00	0.00	0.00	7,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
7,300.00	0.00	0.00	7,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
7,400.00	0.00	0.00	7,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
7,500.00	0.00	0.00	7,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
7,600.00	0.00	0.00	7,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
7,700.00	0.00	0.00	7,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
7,800.00	0.00	0.00	7,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
7,900.00	0.00	0.00	7,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
8,000.00	0.00	0.00	8,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
8,100.00	0.00	0.00	8,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
8,200.00	0.00	0.00	8,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
8,300.00	0.00	0.00	8,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
8,400.00	0.00	0.00	8,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
8,410.00	0.00	0.00	8,410.00	0.00	0.00	0.00	0.00	0.00	0.00	
Bone Spring Lime										
8,500.00	0.00	0.00	8,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
8,600.00	0.00	0.00	8,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
8,700.00	0.00	0.00	8,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
8,800.00	0.00	0.00	8,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
8,900.00	0.00	0.00	8,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
9,000.00	0.00	0.00	9,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
9,100.00	0.00	0.00	9,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
9,200.00	0.00	0.00	9,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
9,300.00	0.00	0.00	9,300.00	0.00	0.00	0.00	0.00	0.00	0.00	

LEAM Drilling Systems LLC

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well 5H
Company:	DEVON ENERGY	TVD Reference:	GE 3444 + KB 25 @ 3469.00usft (Permitting)
Project:	Lea County NM (NAD-83)	MD Reference:	GE 3444 + KB 25 @ 3469.00usft (Permitting)
Site:	Trionyx 5 Fed	North Reference:	Grid
Well:	5H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
9,318.00	0.00	0.00	9,318.00	0.00	0.00	0.00	0.00	0.00	0.00	
1st Bone Spring Sand										
9,400.00	0.00	0.00	9,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
9,500.00	0.00	0.00	9,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
9,600.00	0.00	0.00	9,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
9,700.00	0.00	0.00	9,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
9,800.00	0.00	0.00	9,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
9,890.05	0.00	0.00	9,890.05	0.00	0.00	0.00	0.00	0.00	0.00	
KOP: Start DLS 10.00 TFO 359.46										
9,900.00	1.00	359.46	9,900.00	0.09	0.00	0.09	10.00	10.00	0.00	
9,950.00	6.00	359.46	9,949.89	3.13	-0.03	3.13	10.00	10.00	0.00	
9,959.17	6.91	359.46	9,959.00	4.16	-0.04	4.16	10.00	10.00	0.00	
2nd Bone Spring Sand										
10,000.00	11.00	359.46	9,999.33	10.52	-0.10	10.52	10.00	10.00	0.00	
10,050.00	16.00	359.46	10,047.93	22.18	-0.21	22.18	10.00	10.00	0.00	
10,100.00	21.00	359.46	10,095.33	38.04	-0.36	38.04	10.00	10.00	0.00	
10,150.00	26.00	359.46	10,141.17	57.96	-0.55	57.96	10.00	10.00	0.00	
10,200.00	31.00	359.46	10,185.10	81.81	-0.78	81.81	10.00	10.00	0.00	
10,250.00	36.00	359.46	10,226.79	109.39	-1.04	109.40	10.00	10.00	0.00	
10,300.00	41.00	359.46	10,265.91	140.50	-1.33	140.51	10.00	10.00	0.00	
10,350.00	46.00	359.46	10,302.17	174.90	-1.66	174.91	10.00	10.00	0.00	
10,400.00	51.00	359.46	10,335.29	212.34	-2.02	212.34	10.00	10.00	0.00	
10,450.00	56.00	359.46	10,365.03	252.51	-2.40	252.52	10.00	10.00	0.00	
10,500.00	61.00	359.46	10,391.15	295.13	-2.80	295.14	10.00	10.00	0.00	
10,550.00	66.00	359.46	10,413.45	339.85	-3.23	339.87	10.00	10.00	0.00	
10,600.00	71.00	359.46	10,431.78	386.36	-3.67	386.37	10.00	10.00	0.00	
10,650.00	76.00	359.46	10,445.98	434.28	-4.13	434.30	10.00	10.00	0.00	
10,700.00	81.00	359.46	10,455.95	483.26	-4.59	483.28	10.00	10.00	0.00	
10,750.00	86.00	359.46	10,461.61	532.92	-5.06	532.94	10.00	10.00	0.00	
10,792.65	90.26	359.46	10,463.00	575.54	-5.47	575.56	10.00	10.00	0.00	
EOC: Start 4181.00 hold at 10792.65 MD										
10,800.00	90.26	359.46	10,462.97	582.88	-5.54	582.91	0.00	0.00	0.00	
10,900.00	90.26	359.46	10,462.51	682.88	-6.49	682.91	0.00	0.00	0.00	
11,000.00	90.26	359.46	10,462.06	782.87	-7.44	782.91	0.00	0.00	0.00	
11,100.00	90.26	359.46	10,461.61	882.86	-8.39	882.90	0.00	0.00	0.00	
11,200.00	90.26	359.46	10,461.15	982.86	-9.34	982.90	0.00	0.00	0.00	
11,300.00	90.26	359.46	10,460.70	1,082.85	-10.29	1,082.90	0.00	0.00	0.00	
11,400.00	90.26	359.46	10,460.24	1,182.85	-11.24	1,182.90	0.00	0.00	0.00	
11,500.00	90.26	359.46	10,459.79	1,282.84	-12.19	1,282.90	0.00	0.00	0.00	
11,600.00	90.26	359.46	10,459.33	1,382.84	-13.14	1,382.90	0.00	0.00	0.00	
11,700.00	90.26	359.46	10,458.88	1,482.83	-14.09	1,482.90	0.00	0.00	0.00	
11,800.00	90.26	359.46	10,458.42	1,582.83	-15.04	1,582.90	0.00	0.00	0.00	
11,900.00	90.26	359.46	10,457.97	1,682.82	-15.99	1,682.90	0.00	0.00	0.00	
12,000.00	90.26	359.46	10,457.51	1,782.81	-16.94	1,782.90	0.00	0.00	0.00	
12,100.00	90.26	359.46	10,457.06	1,882.81	-17.89	1,882.89	0.00	0.00	0.00	
12,200.00	90.26	359.46	10,456.61	1,982.80	-18.84	1,982.89	0.00	0.00	0.00	
12,300.00	90.26	359.46	10,456.15	2,082.80	-19.79	2,082.89	0.00	0.00	0.00	
12,400.00	90.26	359.46	10,455.70	2,182.79	-20.74	2,182.89	0.00	0.00	0.00	
12,500.00	90.26	359.46	10,455.24	2,282.79	-21.69	2,282.89	0.00	0.00	0.00	
12,600.00	90.26	359.46	10,454.79	2,382.78	-22.64	2,382.89	0.00	0.00	0.00	
12,700.00	90.26	359.46	10,454.33	2,482.78	-23.59	2,482.89	0.00	0.00	0.00	

LEAM Drilling Systems LLC

Planning Report

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Project:	Lea County, NM (NAD-83)	MD Reference:	GE 3444' + KB 25' @ 3469.00usft (Permitting)
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Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
12,800.00	90.26	359.46	10,453.88	2,582.77	-24.54	2,582.89	0.00	0.00	0.00	
12,900.00	90.26	359.46	10,453.42	2,682.77	-25.49	2,682.89	0.00	0.00	0.00	
13,000.00	90.26	359.46	10,452.97	2,782.76	-26.44	2,782.89	0.00	0.00	0.00	
13,100.00	90.26	359.46	10,452.52	2,882.75	-27.39	2,882.88	0.00	0.00	0.00	
13,200.00	90.26	359.46	10,452.06	2,982.75	-28.34	2,982.88	0.00	0.00	0.00	
13,300.00	90.26	359.46	10,451.61	3,082.74	-29.29	3,082.88	0.00	0.00	0.00	
13,400.00	90.26	359.46	10,451.15	3,182.74	-30.24	3,182.88	0.00	0.00	0.00	
13,500.00	90.26	359.46	10,450.70	3,282.73	-31.19	3,282.88	0.00	0.00	0.00	
13,600.00	90.26	359.46	10,450.24	3,382.73	-32.14	3,382.88	0.00	0.00	0.00	
13,700.00	90.26	359.46	10,449.79	3,482.72	-33.09	3,482.88	0.00	0.00	0.00	
13,800.00	90.26	359.46	10,449.33	3,582.72	-34.04	3,582.88	0.00	0.00	0.00	
13,900.00	90.26	359.46	10,448.88	3,682.71	-34.99	3,682.88	0.00	0.00	0.00	
14,000.00	90.26	359.46	10,448.43	3,782.70	-35.94	3,782.87	0.00	0.00	0.00	
14,100.00	90.26	359.46	10,447.97	3,882.70	-36.89	3,882.87	0.00	0.00	0.00	
14,200.00	90.26	359.46	10,447.52	3,982.69	-37.84	3,982.87	0.00	0.00	0.00	
14,300.00	90.26	359.46	10,447.06	4,082.69	-38.78	4,082.87	0.00	0.00	0.00	
14,400.00	90.26	359.46	10,446.61	4,182.68	-39.73	4,182.87	0.00	0.00	0.00	
14,500.00	90.26	359.46	10,446.15	4,282.68	-40.68	4,282.87	0.00	0.00	0.00	
14,600.00	90.26	359.46	10,445.70	4,382.67	-41.63	4,382.87	0.00	0.00	0.00	
14,700.00	90.26	359.46	10,445.24	4,482.67	-42.58	4,482.87	0.00	0.00	0.00	
14,800.00	90.26	359.46	10,444.79	4,582.66	-43.53	4,582.87	0.00	0.00	0.00	
14,900.00	90.26	359.46	10,444.33	4,682.65	-44.48	4,682.87	0.00	0.00	0.00	
14,973.65	90.26	359.46	10,444.00	4,756.30	-45.18	4,756.51	0.00	0.00	0.00	
TD at 14973.65' MD										

Design Targets										
Target Name	hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N-S (usft)	+E-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SHL(T-6-F 5H)	- plan hits target center	0.00	0.00	0.00	0.00	0.00	419,762.77	733,248.07	32° 9' 8.953 N	103° 42' 47.592 W
	- Point									
PBHL(T-6-F 5H)	- plan hits target center	0.00	0.00	10,444.00	4,756.30	-45.18	424,519.07	733,202.88	32° 9' 56.022 N	103° 42' 47.799 W
	- Point									

Formations										
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)					
676.00	676.00	RUSTLER								
975.00	975.00	TOP SALT								
4,163.00	4,163.00	BASE SALT								
4,386.00	4,386.00	DELAWARE								
8,410.00	8,410.00	Bone Spring Lime								
9,318.00	9,318.00	1st Bone Spring Sand								
9,959.17	9,959.00	2nd Bone Spring Sand								

DEVON ENERGY

Project: Lea County, NM (NAD-83)
 Site: Trionyx '6' Fed
 Well: 5H
 Wellbore: OH
 Design: Plan #1



Azimuths to Grid North
 True North: -0.33°
 Magnetic North: 7.10°

Magnetic Field
 Strength: 48381.0snT
 Dip Angle: 60.05°
 Date: 03/21/2013
 Model: IGRF2010



DESIGN TARGET DETAILS

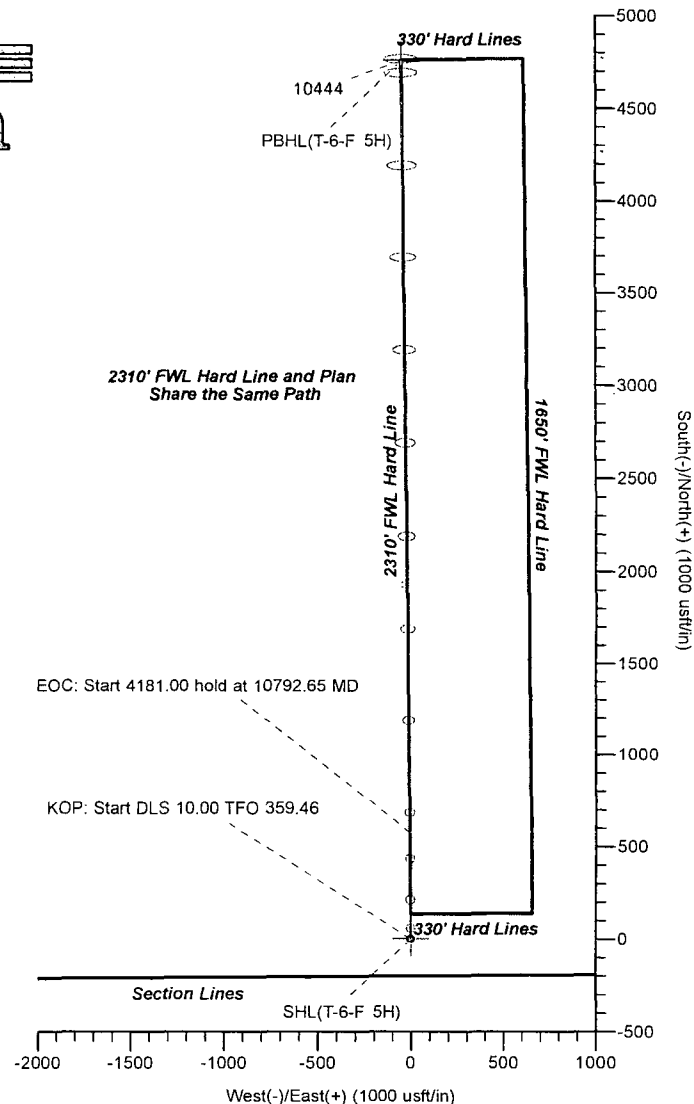
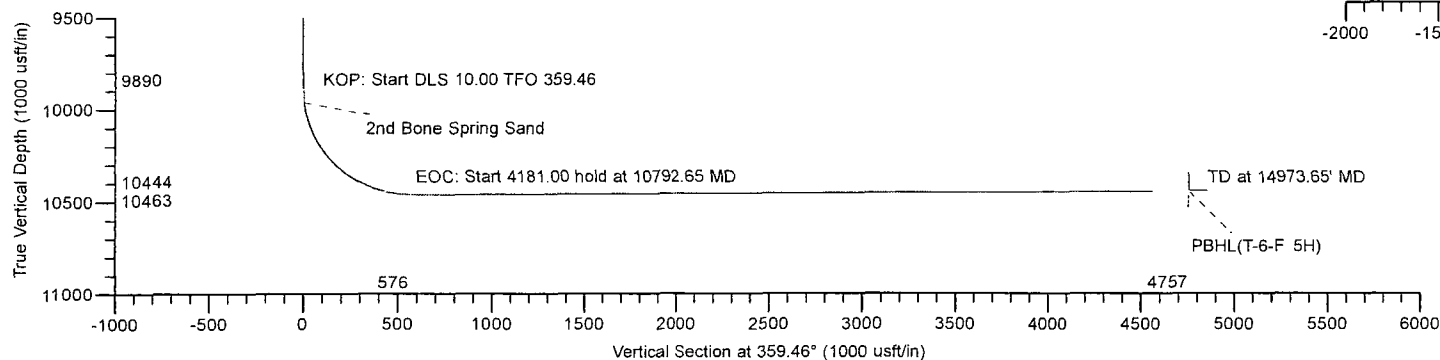
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
SHL(T-6-F 5H)	0.00	0.00	0.00	419762.77	733248.07	32° 9' 8.953 N	103° 42' 47.592 W
PBHL(T-6-F 5H)	10444.00	4756.30	-45.18	424519.07	733202.89	32° 9' 56.022 N	103° 42' 47.799 W

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	9890.05	0.00	0.00	9890.05	0.00	0.00	0.00	0.00	0.00	KOP: Start DLS 10.00 TFO 359.46
3	10792.65	90.26	359.46	10463.00	575.54	-5.47	10.00	359.46	575.56	EOC: Start 4181.00 hold at 10792.65 MD
4	14973.65	90.26	359.46	10444.00	4756.30	-45.18	0.00	0.00	4756.51	TD at 14973.65' MD

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
676.00	676.00	RUSTLER
975.00	975.00	TOP SALT
4163.00	4163.00	BASE SALT
4386.00	4386.00	DELAWARE
8410.00	8410.00	Bone Spring Lime
9318.00	9318.00	1st Bone Spring Sand
9959.00	9959.17	2nd Bone Spring Sand



LEAM DRILLING SYSTEMS LLC
 2010 East Davis, Conroe, Texas 77301
 Phone: 936/756-7577, Fax 936/756-7595

Plan: Plan #1 (SH/OH)
 Trionyx '6' Fed
 Created By: Tyler Carlson Date: 13:11, March 21 2013
 Date: _____
 Approved: _____ Date: _____

LEAM Drilling Systems LLC

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well 5H
Company:	DEVON ENERGY	TVD Reference:	GE 3444' + KB 25' @ 3469.00usft (Permitting)
Project:	Lea County, NM (NAD-83)	MD Reference:	GE 3444' + KB 25' @ 3469.00usft (Permitting)
Site:	Trionyx "6" Fed	North Reference:	Grid
Well:	5H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
9,890.05	9,890.05	0.00	0.00	KOP: Start DLS 10.00 TFO 359.46
10,792.65	10,463.00	575.54	-5.47	EOC: Start 4181.00 hold at 10792.65 MD
14,973.65	10,444.00	4,756.30	-45.18	TD at 14973.65' MD

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

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

¹ API Number 30-025-4045	² Post Code 97899	³ Pool Name wc 606 5253206m', Bone Spring
⁴ Property Code 38384	⁵ Property Name TRIONYX "6" FED.	⁶ Well Number 5H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3444.0

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	6	25 S	32 E		200	SOUTH	2310	EAST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	6	25 S	32 E		330	NORTH	2325	EAST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
-------------------------------	-------------------------------	----------------------------------	-------------------------

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.

NW CORNER SEC. 6 LAT. = 32°09'59.79"N LONG. = 103°43'22.69"W NMSP EAST (FT) N = 424822.54 E = 730212.74	TOE TARGET LAT. = 32°09'56.56"N LONG. = 103°42'48.11"W NMSP EAST (FT) N = 424513.55 E = 733187.55	NE CORNER SEC. 6 LAT. = 32°09'59.95"N LONG. = 103°42'21.08"W NMSP EAST (FT) N = 424889.56 E = 735509.64	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature _____ Date _____ Printed Name _____
TRIONYX "6" FED. #5H ELEV. = 3444.0' LAT. = 32°09'09.560"N (NAD83) LONG. = 103°42'47.723"W			
SW CORNER SEC. 6 LAT. = 32°09'07.59"N LONG. = 103°43'22.76"W NMSP EAST (FT) N = 419546.45 E = 730236.48	HEAL TARGET LAT. = 32°09'15.50"N LONG. = 103°42'47.76"W NMSP EAST (FT) N = 419762.77 E = 733248.07	SE CORNER SEC. 6 LAT. = 32°09'07.61"N LONG. = 103°42'20.85"W NMSP EAST (FT) N = 419578.91 E = 735560.23	

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

AUGUST 19, 2010

Date of Survey

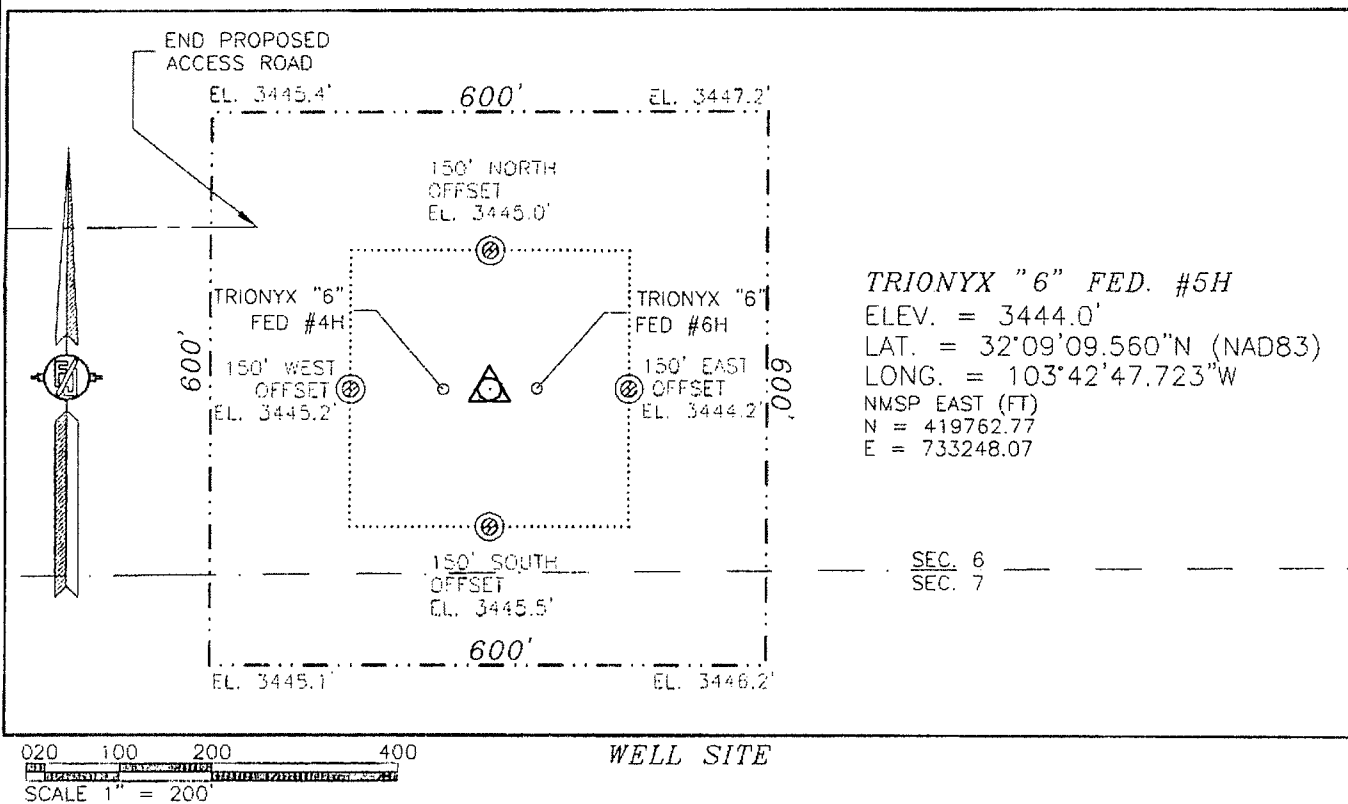
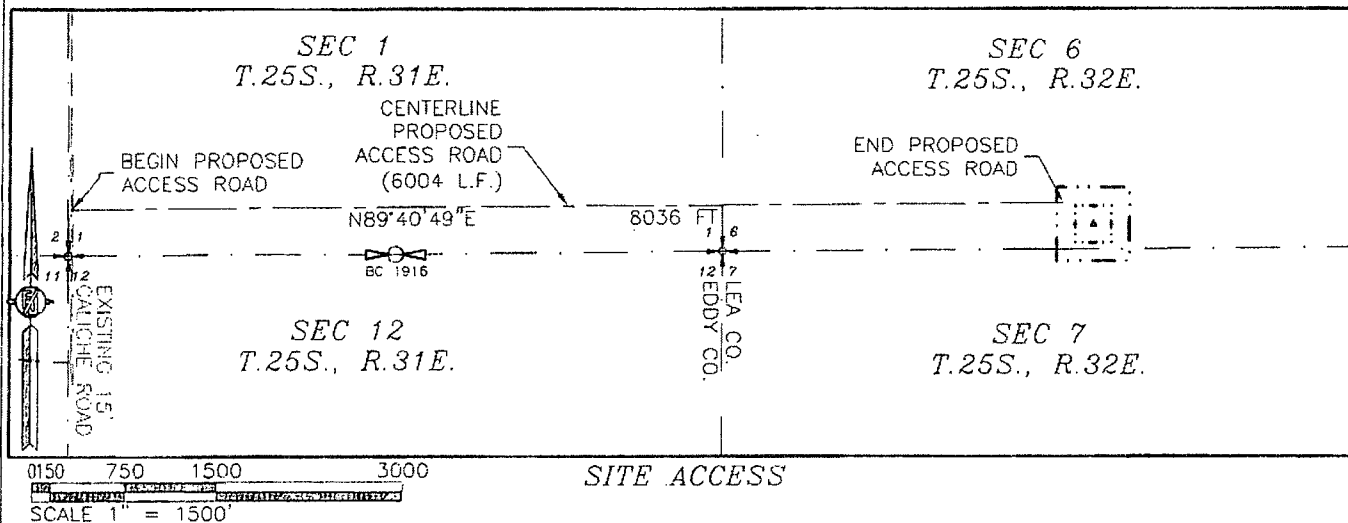
Signature and Seal of Professional Surveyor

Certificate Number

PLS 12797

FILED IN THE PUBLIC LAND SURVEY NO. 193

SECTION 6, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO



DIRECTIONS TO LOCATION

FROM CR.# 786 (BUCK JACKSON) (CALICHE) AND CR.# 791 (BUCK THORN) (CALICHE) GO SOUTH ON CR. 791 3.1 MILES TURN LEFT AND GO EAST 1.9 MILES, TURN LEFT AND GO NORTH 0.25 MILES TO A PROPOSED ROAD SURVEY AND FOLLOW FLAGS EAST 8036' TO THE NORTHWEST CORNER OF THE PROPOSED PAD FOR THIS LOCATION.

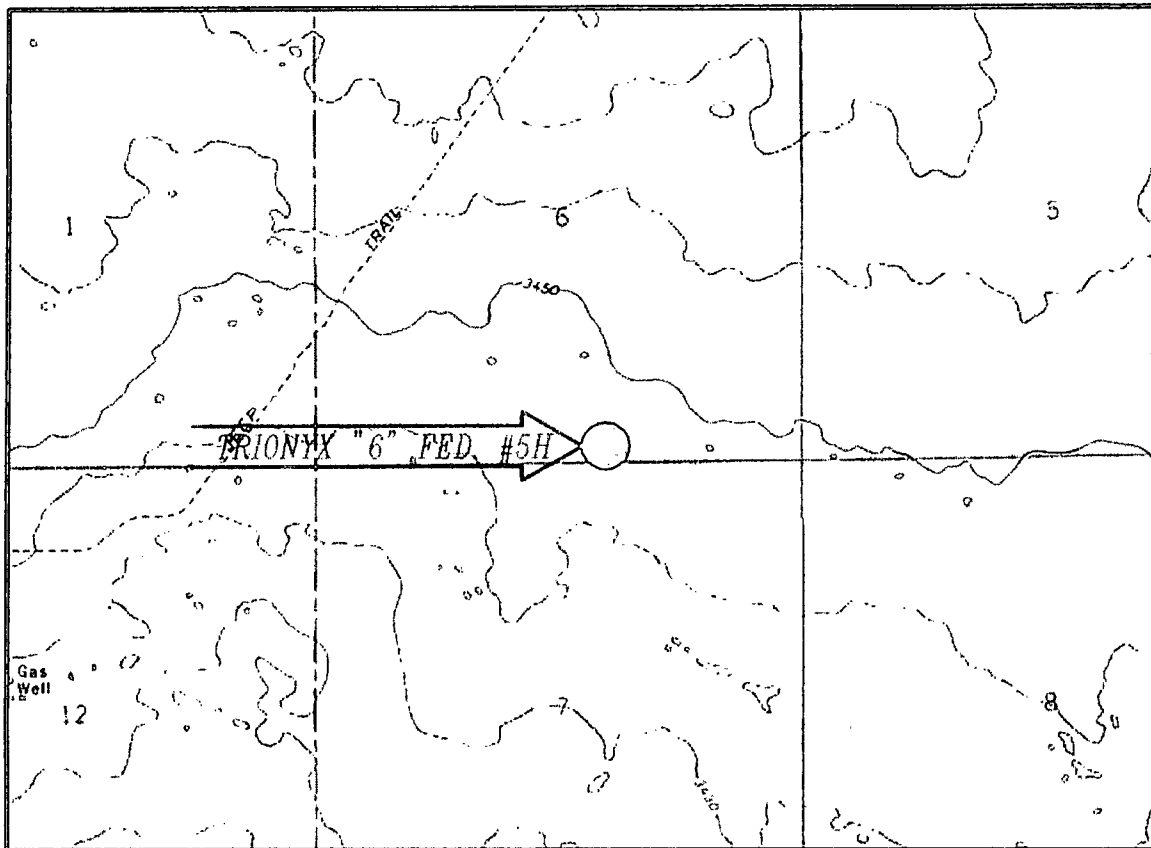
DEVON ENERGY PRODUCTION COMPANY, L.P.
TRIONYX "6" FED. #5H
LOCATED 200 FT. FROM THE SOUTH LINE
AND 2310 FT. FROM THE EAST LINE OF
SECTION 6, TOWNSHIP 25 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

SURVEY NO. 193

AUGUST 19, 2010

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO
(575) 587-5830

SECTION 6, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



CONTOUR INTERVAL:
PADUCA BREAKS NW

NOT TO SCALE

DIRECTIONS TO LOCATION

FROM CR.# 786 (BUCK JACKSON) (CALICHE) AND CR.# 791 (BUCK THORN) (CALICHE) GO SOUTH ON CR. 791 3.1 MILES TURN LEFT AND GO EAST 1.9 MILES, TURN LEFT AND GO NORTH 0.25 MILES TO A PROPOSED ROAD SURVEY AND FOLLOW FLAGS EAST 80.36' TO THE NORTHWEST CORNER OF THE PROPOSED PAD FOR THIS LOCATION.

SEC. 6 TWP. 25-S RGE. 32-E
SURVEY N.M.P.M.
COUNTY LEA STATE NEW MEXICO
DESCRIPTION 200' FSL & 2310' FEL
ELEVATION 3444.0'
OPERATOR DEVON ENERGY PRODUCTION COMPANY, LP
LEASE TRIONYX

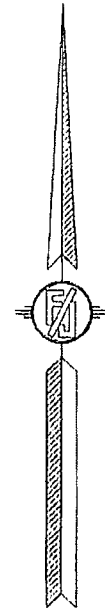
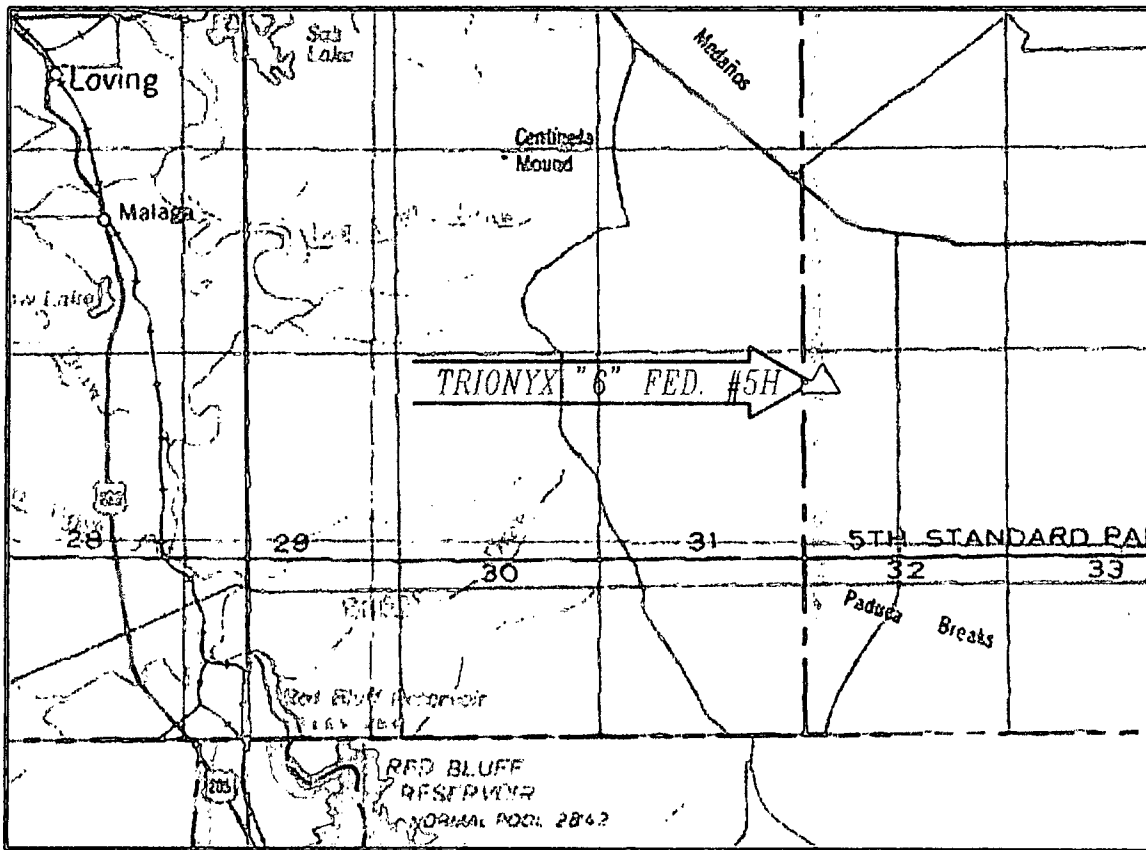
DEVON ENERGY PRODUCTION COMPANY, L.P.
TRIONYX "6" FED. #5H
LOCATED 200 FT. FROM THE SOUTH LINE
AND 2310 FT. FROM THE EAST LINE OF
SECTION 6, TOWNSHIP 25 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

AUGUST 19, 2010

SURVEY NO. 193

MADRON SURVEYING, INC. 331 SOUTH CANAL CARLSBAD, NEW MEXICO
(575) 887-5830

SECTION 6, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
VICINITY MAP



DIRECTIONS TO LOCATION

FROM CR.# 786 (BUCK JACKSON) (CALICHE) AND CR.# 791 (BUCK THORN) (CALICHE) GO SOUTH ON CR. 791 3.1 MILES TURN LEFT AND GO EAST 1.9 MILES, TURN LEFT AND GO NORTH 0.25 MILES TO A PROPOSED ROAD SURVEY AND FOLLOW FLAGS EAST 8036' TO THE NORTHWEST CORNER OF THE PROPOSED PAD FOR THIS LOCATION.

NOT TO SCALE

SEC. 6 TWP. 25-S RGE. 32-E
SURVEY N.M.P.M.
COUNTY LEA STATE NEW MEXICO
DESCRIPTION 200' FSL & 2310' FEL
ELEVATION 3444.0'
OPERATOR DEVON ENERGY PRODUCTION COMPANY, LP
LEASE TRIONYX

DEVON ENERGY PRODUCTION COMPANY, L.P.
TRIONYX "6" FED. #5H
LOCATED 200 FT. FROM THE SOUTH LINE
AND 2310 FT. FROM THE EAST LINE OF
SECTION 6, TOWNSHIP 25 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

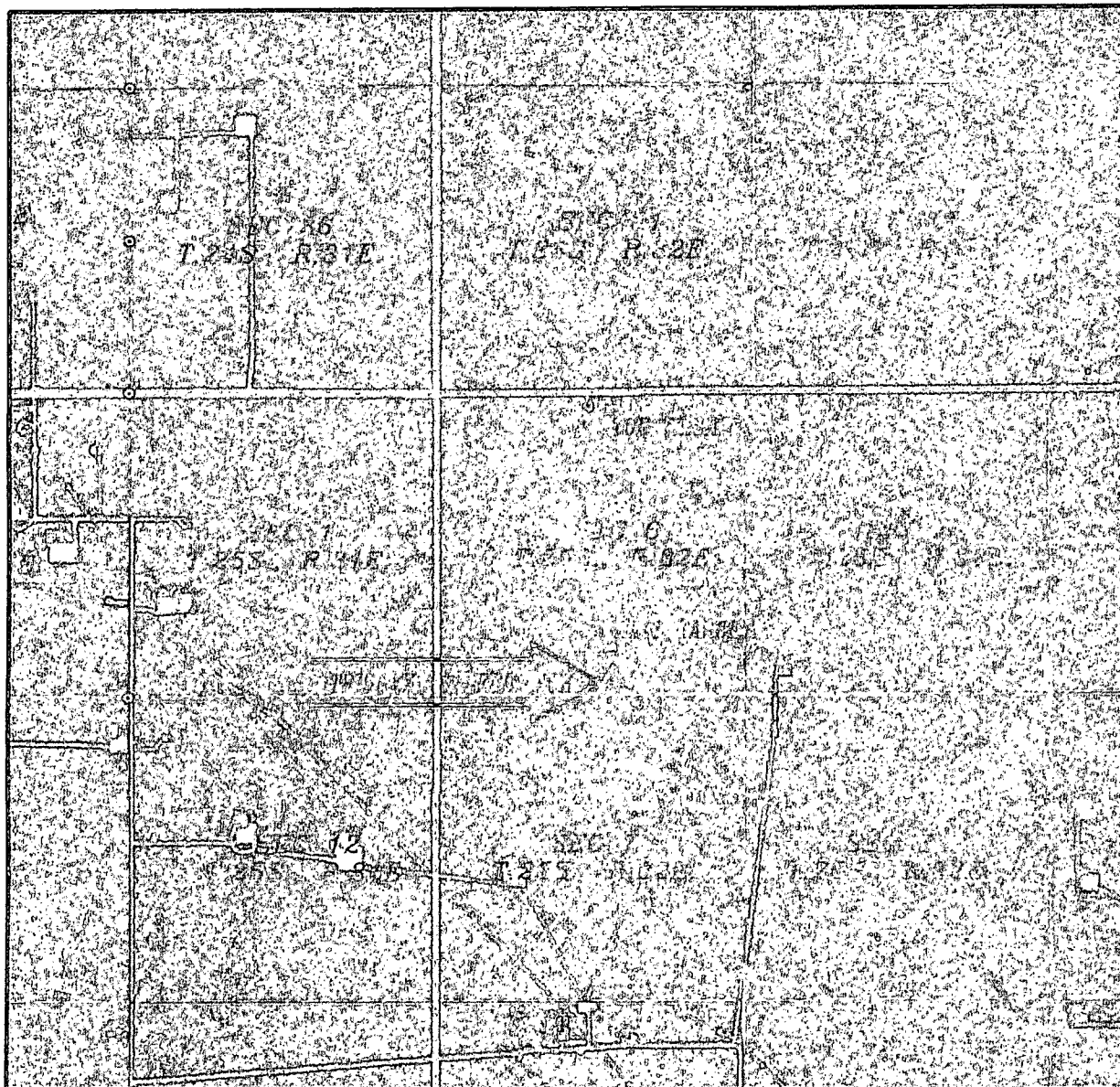
AUGUST 19, 2010

SURVEY NO. 193

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO
(575) 887-0630

SECTION 6, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
USDA - AUG, 2009

DEVON ENERGY PRODUCTION COMPANY, L.P.
TRIONYX "6" FED. #5H
LOCATED 200 FT. FROM THE SOUTH LINE
AND 2310 FT. FROM THE EAST LINE OF
SECTION 6, TOWNSHIP 25 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

AUGUST 19, 2010

SURVEY NO. 193

MADRON SURVEYING, INC. 311 SOUTH CANAL (375) 827-5839 CARLSBAD, NEW MEXICO