

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**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.*5. Lease Serial No.
NMLC061869

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
ARABIAN 30-19 FED COM 2H ✓9. API Well No.
30-025-4377310. Field and Pool or Exploratory Area
WC-025 G-08 S25323G LBS11. County or Parish, State
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2** MAY 30 2017

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

DEVON ENERGY PROD CO., L.P.

Contact: LINDA GOOD

E-Mail: linda.good@dev.com

3a. Address

333 WEST SHERIDAN AVE.
OKLAHOMA CITY, OK 73102

3b. Phone No. (include area code)

Ph: 405-552-6558

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

Sec 30 T25S R32E Mer NMP SENW 2445FNL 1655FWL /

12. CHECK THE 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	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Change to Original APD
	☐ 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

To Jesse Bassett per your conversation with Ray Vaz:

Devon Energy Production Co., LP respectfully request permission to change the surface hole location from 2445 FNL 1655 FWL to 2486 FNL 1594 FWL. Please find the attached revised C-102 and Directional Plan.

NRS OK 5-19-17 JTB follow existing COA's
Eng. OK 5/19/17 CRW

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

Electronic Submission #374493 verified by the BLM Well Information System
For DEVON ENERGY PROD CO., L.P., sent to the Hobbs
Committed to AFMSS for processing by DEBORAH MCKINNEY on 05/10/2017 ()

Name (Printed/Typed) LINDA GOOD

Title REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 05/01/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

FIELD MANAGER

Date

05/25/17

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.

Office

BLM-CARLSBAD 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.

(Instructions on page 2)

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

Devon Energy

Project: Lea County, NM (NAD-83)

Site: Arabian 30-19 Fed Com

Well: 2H

Wellbore: OH

Design: Plan #1

3361.6' GE + 25' KB @ 3386.60usft

Ground Level: 3361.60



Azimuths to Grid North

True North: -0.33°

Magnetic North: 6.54°

Magnetic Field

Strength: 48019.7nT

Dip Angle: 59.83°

Date: 5/1/2017

Model: HDGM

PROJECT DETAILS: Lea County, NM (NAD-83)

Geodetic System: US State Plane 1983

Datum: North American Datum 1983

Ellipsoid: GRS 1980

Zone: New Mexico Eastern Zone

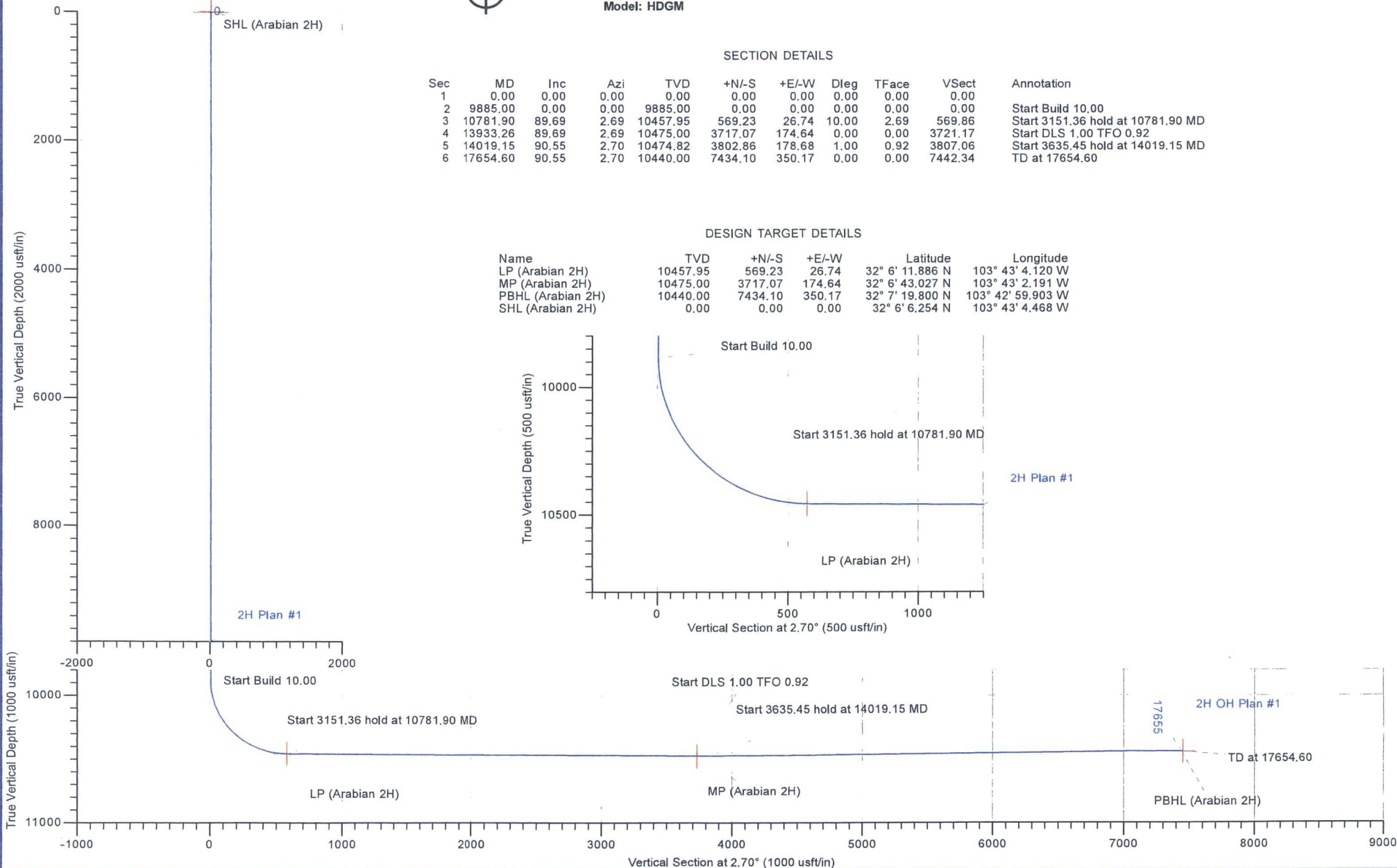


SECTION DETAILS

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	Start Build 10.00
2	9885.00	0.00	0.00	9885.00	0.00	0.00	0.00	0.00	0.00	Start 3151.36 hold at 10781.90 MD
3	10781.90	89.69	2.69	10457.95	569.23	26.74	10.00	2.69	569.86	Start DLS 1.00 TFO 0.92
4	13933.26	89.69	2.69	10475.00	3717.07	174.64	0.00	0.00	3721.17	Start 3635.45 hold at 14019.15 MD
5	14019.15	90.55	2.70	10474.82	3802.86	178.68	1.00	0.92	3807.06	TD at 17654.60
6	17654.60	90.55	2.70	10440.00	7434.10	350.17	0.00	0.00	7442.34	

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Latitude	Longitude
LP (Arabian 2H)	10457.95	569.23	26.74	32° 6' 11.886 N	103° 43' 4.120 W
MP (Arabian 2H)	10475.00	3717.07	174.64	32° 6' 43.027 N	103° 43' 2.191 W
PBHL (Arabian 2H)	10440.00	7434.10	350.17	32° 7' 19.800 N	103° 42' 59.903 W
SHL (Arabian 2H)	0.00	0.00	0.00	32° 6' 6.254 N	103° 43' 4.468 W



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

Plan: Plan #1 (2H/OH)
Arabian 30-19 Fed Com
Created By: Dustin Ault
Date: 11:38, May 01 2017
Approved: _____
Date: _____

Devon Energy

Project: Lea County, NM (NAD-83)
Site: Arabian 30-19 Fed Com
Well: 2H
Wellbore: OH
Design: Plan #1



Azimuths to Grid North
True North: -0.33°
Magnetic North: 6.54°

Magnetic Field
Strength: 48019.7snT
Dip Angle: 59.83°
Date: 5/1/2017
Model: HDGM



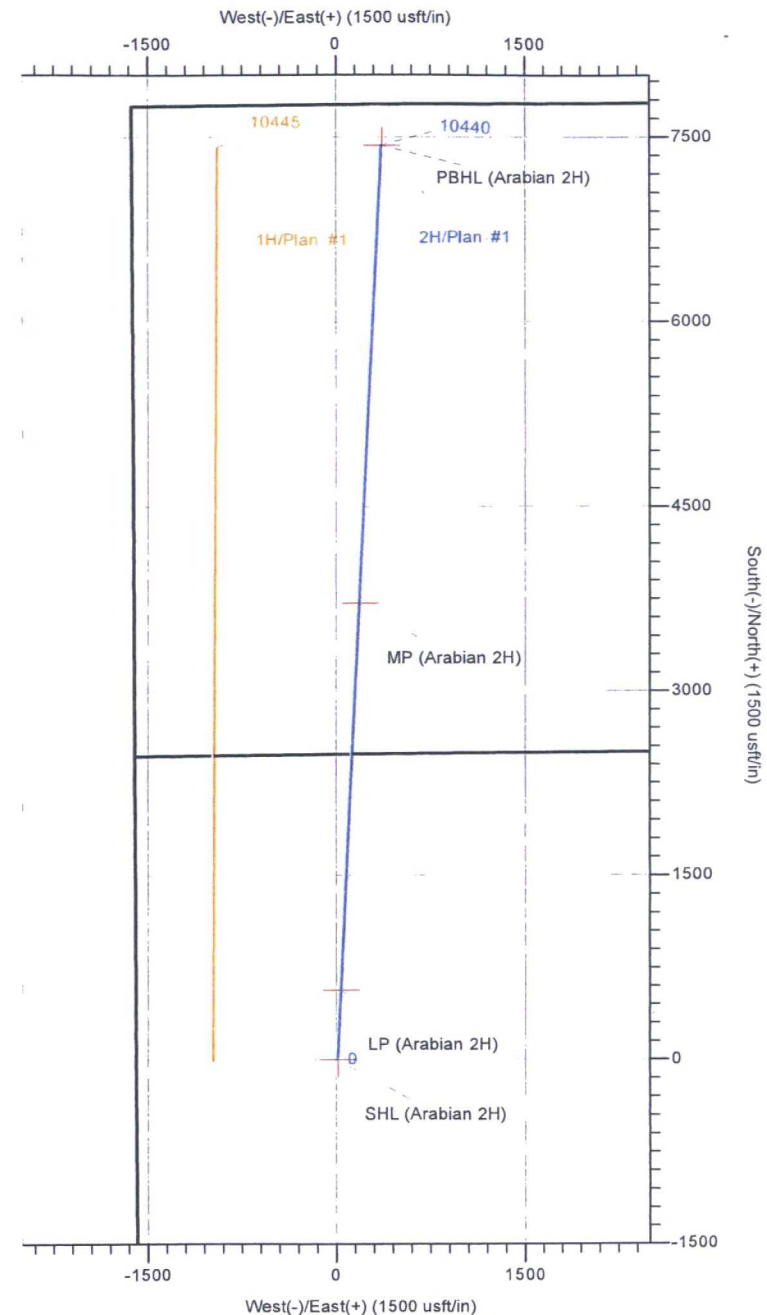
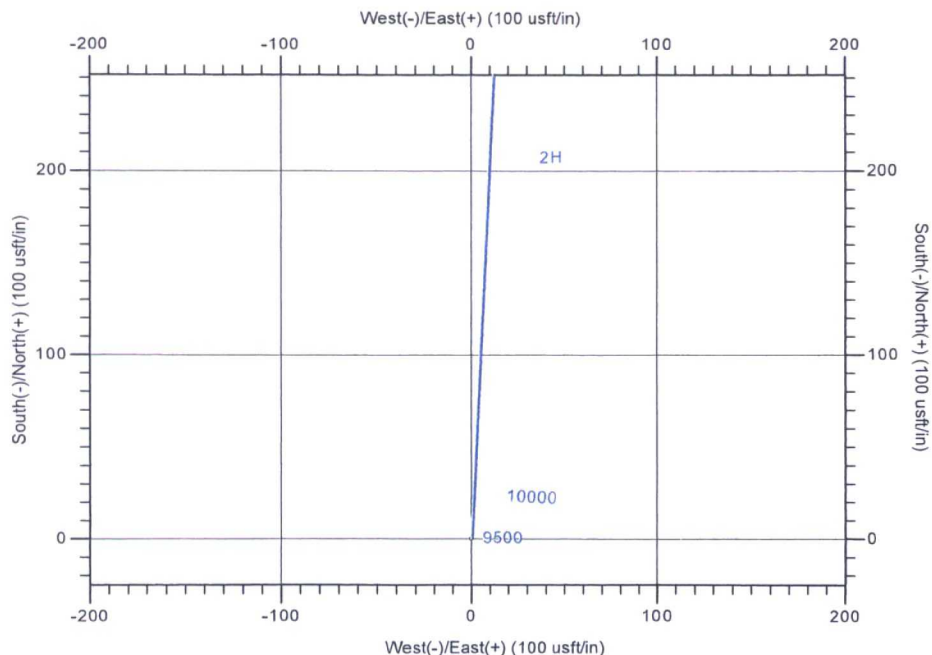
PROJECT DETAILS: Lea County, NM (NAD-83)
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone

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	9885.00	0.00	0.00	9885.00	0.00	0.00	0.00	0.00	0.00	Start Build 10.00
3	10781.90	89.69	2.69	10457.95	569.23	26.74	10.00	2.69	569.86	Start 3151.36 hold at 10781.90 MD
4	13933.26	89.69	2.69	10475.00	3717.07	174.64	0.00	0.00	3721.17	Start DLS 1.00 TFO 0.92
5	14019.15	90.55	2.70	10474.82	3802.86	178.68	1.00	0.92	3807.06	Start 3635.45 hold at 14019.15 MD
6	17654.60	90.55	2.70	10440.00	7434.10	350.17	0.00	0.00	7442.34	TD at 17654.60

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
LP (Arabian 2H)	10457.95	569.23	26.74	401861.72	731929.44	32° 6' 11.886 N	103° 43' 4.120 W
MP (Arabian 2H)	10475.00	3717.07	174.64	405009.56	732077.34	32° 6' 43.027 N	103° 43' 2.191 W
PBHL (Arabian 2H)	10440.00	7434.10	350.17	408726.59	732252.87	32° 7' 19.800 N	103° 42' 59.903 W
SHL (Arabian 2H)	0.00	0.00	0.00	401292.49	731902.70	32° 6' 6.254 N	103° 43' 4.468 W



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

Plan: Plan #1 (2H/OH)
Arabian 30-19 Fed Com
Created By: Dustin Ault
Date: 11:40, May 01 2017
Approved: _____
Date: _____

Devon Energy

Lea County, NM (NAD-83)

Arabian 30-19 Fed Com

2H

OH

Plan: Plan #1

Standard Planning Report

01 May, 2017

LEAM Drilling Systems LLC

Planning Report

Database: EDM 5000.1 Multi User Db
 Company: Devon Energy
 Project: Lea County, NM (NAD-83)
 Site: Arabian 30-19 Fed Com
 Well: 2H
 Wellbore: OH
 Design: Plan #1

Local Co-ordinate Reference: Well 2H
 TVD Reference: 3361.6' GE + 25' KB @ 3386.60usft
 MD Reference: 3361.6' GE + 25' KB @ 3386.60usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

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	Arabian 30-19 Fed Com		
Site Position:		Northing:	401,281.72 usft
From:	Map	Easting:	730,907.92 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 6' 6.204 N
		Longitude:	103° 43' 16.034 W
		Grid Convergence:	0.33 °

Well	2H		
Well Position	+N/-S	10.77 usft	Northing:
	+E/-W	994.78 usft	Easting:
Position Uncertainty	0.00 usft	Wellhead Elevation:	0.00 usft
		Latitude:	32° 6' 6.254 N
		Longitude:	103° 43' 4.468 W
		Ground Level:	3,361.60 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
			(°)
	HDGM	5/1/2017	6.87
			Dip Angle
			(°)
			59.83
			Field Strength
			(nT)
			48,020

Design	Plan #1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth:
			0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.00	0.00	0.00
			Direction
			(°)
			2.70

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Dogleg	Build	Turn	TFO	Target
Depth	(°)	(°)	Depth	(usft)	(usft)	Rate	Rate	Rate	(°)	
(usft)			(usft)			(°/100usft)	(°/100usft)	(°/100usft)		
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9,885.00	0.00	0.00	9,885.00	0.00	0.00	0.00	0.00	0.00	0.00	
10,781.90	89.69	2.69	10,457.95	569.23	26.74	10.00	10.00	0.00	2.69	
13,933.26	89.69	2.69	10,475.00	3,717.07	174.64	0.00	0.00	0.00	0.00	
14,019.15	90.55	2.70	10,474.82	3,802.86	178.68	1.00	1.00	0.02	0.92	
17,654.60	90.55	2.70	10,440.00	7,434.10	350.17	0.00	0.00	0.00	0.00	PBHL (Arabian 2H)

LEAM Drilling Systems LLC

Planning Report

Database: EDM 5000.1 Multi User Db
 Company: Devon Energy
 Project: Lea County, NM (NAD-83)
 Site: Arabian 30-19 Fed Com
 Well: 2H
 Wellbore: OH
 Design: Plan #1

Local Co-ordinate Reference: Well 2H
 TVD Reference: 3361.6' GE + 25' KB @ 3386.60usft
 MD Reference: 3361.6' GE + 25' KB @ 3386.60usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

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
SHL (Arabian 2H)									
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
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
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
4,200.00	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
4,400.00	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

LEAM Drilling Systems LLC

Planning Report

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 MD Reference: 3361.6' GE + 25' KB @ 3386.60usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

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)
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
8,500.00	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
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
9,885.00	0.00	0.00	9,885.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 10.00									
9,900.00	1.50	2.69	9,900.00	0.20	0.01	0.20	10.00	10.00	0.00
9,950.00	6.50	2.69	9,949.86	3.68	0.17	3.68	10.00	10.00	0.00
10,000.00	11.50	2.69	9,999.23	11.49	0.54	11.50	10.00	10.00	0.00
10,050.00	16.50	2.69	10,047.73	23.57	1.11	23.59	10.00	10.00	0.00
10,100.00	21.50	2.69	10,094.99	39.82	1.87	39.87	10.00	10.00	0.00

LEAM Drilling Systems LLC

Planning Report

Database: EDM 5000.1 Multi User Db
Company: Devon Energy
Project: Lea County, NM (NAD-83)
Site: Arabian 30-19 Fed Com
Well: 2H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well 2H
TVD Reference: 3361.6' GE + 25' KB @ 3386.60usft
MD Reference: 3361.6' GE + 25' KB @ 3386.60usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

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)
10,150.00	26.50	2.69	10,140.65	60.13	2.83	60.20	10.00	10.00	0.00
10,200.00	31.50	2.69	10,184.37	84.34	3.96	84.43	10.00	10.00	0.00
10,250.00	36.50	2.69	10,225.81	112.26	5.27	112.38	10.00	10.00	0.00
10,300.00	41.50	2.69	10,264.65	143.68	6.75	143.84	10.00	10.00	0.00
10,350.00	46.50	2.69	10,300.61	178.36	8.38	178.56	10.00	10.00	0.00
10,400.00	51.50	2.69	10,333.40	216.04	10.15	216.28	10.00	10.00	0.00
10,450.00	56.50	2.69	10,362.78	256.44	12.05	256.72	10.00	10.00	0.00
10,500.00	61.50	2.69	10,388.53	299.24	14.06	299.57	10.00	10.00	0.00
10,550.00	66.50	2.69	10,410.44	344.11	16.17	344.49	10.00	10.00	0.00
10,600.00	71.50	2.69	10,428.35	390.72	18.36	391.16	10.00	10.00	0.00
10,650.00	76.50	2.69	10,442.13	438.72	20.61	439.20	10.00	10.00	0.00
10,700.00	81.50	2.69	10,451.66	487.73	22.92	488.27	10.00	10.00	0.00
10,750.00	86.50	2.69	10,456.89	537.39	25.25	537.98	10.00	10.00	0.00
10,773.46	88.85	2.69	10,457.84	560.80	26.35	561.42	10.00	10.00	0.00
Formation 2									
10,781.90	89.69	2.69	10,457.95	569.23	26.74	569.86	10.00	10.00	0.00
Start 3151.36 hold at 10781.90 MD - LP (Arabian 2H)									
10,800.00	89.69	2.69	10,458.05	587.31	27.59	587.96	0.00	0.00	0.00
10,900.00	89.69	2.69	10,458.59	687.20	32.29	687.96	0.00	0.00	0.00
11,000.00	89.69	2.69	10,459.13	787.09	36.98	787.95	0.00	0.00	0.00
11,100.00	89.69	2.69	10,459.67	886.97	41.67	887.95	0.00	0.00	0.00
11,200.00	89.69	2.69	10,460.21	986.86	46.37	987.95	0.00	0.00	0.00
11,300.00	89.69	2.69	10,460.75	1,086.75	51.06	1,087.95	0.00	0.00	0.00
11,400.00	89.69	2.69	10,461.29	1,186.64	55.75	1,187.95	0.00	0.00	0.00
11,500.00	89.69	2.69	10,461.83	1,286.53	60.45	1,287.95	0.00	0.00	0.00
11,600.00	89.69	2.69	10,462.38	1,386.42	65.14	1,387.95	0.00	0.00	0.00
11,700.00	89.69	2.69	10,462.92	1,486.30	69.83	1,487.94	0.00	0.00	0.00
11,800.00	89.69	2.69	10,463.46	1,586.19	74.53	1,587.94	0.00	0.00	0.00
11,900.00	89.69	2.69	10,464.00	1,686.08	79.22	1,687.94	0.00	0.00	0.00
12,000.00	89.69	2.69	10,464.54	1,785.97	83.91	1,787.94	0.00	0.00	0.00
12,100.00	89.69	2.69	10,465.08	1,885.86	88.60	1,887.94	0.00	0.00	0.00
12,200.00	89.69	2.69	10,465.62	1,985.75	93.30	1,987.94	0.00	0.00	0.00
12,300.00	89.69	2.69	10,466.16	2,085.63	97.99	2,087.94	0.00	0.00	0.00
12,400.00	89.69	2.69	10,466.70	2,185.52	102.68	2,187.93	0.00	0.00	0.00
12,500.00	89.69	2.69	10,467.25	2,285.41	107.38	2,287.93	0.00	0.00	0.00
12,600.00	89.69	2.69	10,467.79	2,385.30	112.07	2,387.93	0.00	0.00	0.00
12,700.00	89.69	2.69	10,468.33	2,485.19	116.76	2,487.93	0.00	0.00	0.00
12,800.00	89.69	2.69	10,468.87	2,585.08	121.46	2,587.93	0.00	0.00	0.00
12,900.00	89.69	2.69	10,469.41	2,684.96	126.15	2,687.93	0.00	0.00	0.00
13,000.00	89.69	2.69	10,469.95	2,784.85	130.84	2,787.93	0.00	0.00	0.00
13,100.00	89.69	2.69	10,470.49	2,884.74	135.54	2,887.92	0.00	0.00	0.00
13,200.00	89.69	2.69	10,471.03	2,984.63	140.23	2,987.92	0.00	0.00	0.00
13,300.00	89.69	2.69	10,471.57	3,084.52	144.92	3,087.92	0.00	0.00	0.00
13,400.00	89.69	2.69	10,472.11	3,184.41	149.62	3,187.92	0.00	0.00	0.00
13,500.00	89.69	2.69	10,472.66	3,284.30	154.31	3,287.92	0.00	0.00	0.00
13,600.00	89.69	2.69	10,473.20	3,384.18	159.00	3,387.92	0.00	0.00	0.00
13,700.00	89.69	2.69	10,473.74	3,484.07	163.70	3,487.92	0.00	0.00	0.00
13,800.00	89.69	2.69	10,474.28	3,583.96	168.39	3,587.91	0.00	0.00	0.00
13,900.00	89.69	2.69	10,474.82	3,683.85	173.08	3,687.91	0.00	0.00	0.00
13,933.26	89.69	2.69	10,475.00	3,717.07	174.64	3,721.17	0.00	0.00	0.00
Start DLS 1.00 TFO 0.92 - MP (Arabian 2H)									
14,000.00	90.36	2.70	10,474.97	3,783.74	177.78	3,787.91	1.00	1.00	0.02
14,019.15	90.55	2.70	10,474.82	3,802.86	178.68	3,807.06	1.00	1.00	0.02
Start 3635.45 hold at 14019.15 MD									

LEAM Drilling Systems LLC

Planning Report

Database: EDM 5000.1 Multi User Db
 Company: Devon Energy
 Project: Lea County, NM (NAD-83)
 Site: Arabian 30-19 Fed Com
 Well: 2H
 Wellbore: OH
 Design: Plan #1

Local Co-ordinate Reference: Well 2H
 TVD Reference: 3361.6' GE + 25' KB @ 3386.60usft
 MD Reference: 3361.6' GE + 25' KB @ 3386.60usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

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)
14,100.00	90.55	2.70	10,474.05	3,883.62	182.50	3,887.91	0.00	0.00	0.00
14,200.00	90.55	2.70	10,473.09	3,983.51	187.21	3,987.90	0.00	0.00	0.00
14,300.00	90.55	2.70	10,472.13	4,083.39	191.93	4,087.90	0.00	0.00	0.00
14,400.00	90.55	2.70	10,471.17	4,183.27	196.65	4,187.89	0.00	0.00	0.00
14,500.00	90.55	2.70	10,470.22	4,283.16	201.37	4,287.89	0.00	0.00	0.00
14,600.00	90.55	2.70	10,469.26	4,383.04	206.08	4,387.88	0.00	0.00	0.00
14,700.00	90.55	2.70	10,468.30	4,482.93	210.80	4,487.88	0.00	0.00	0.00
14,800.00	90.55	2.70	10,467.34	4,582.81	215.52	4,587.87	0.00	0.00	0.00
14,900.00	90.55	2.70	10,466.38	4,682.69	220.23	4,687.87	0.00	0.00	0.00
15,000.00	90.55	2.70	10,465.43	4,782.58	224.95	4,787.87	0.00	0.00	0.00
15,100.00	90.55	2.70	10,464.47	4,882.46	229.67	4,887.86	0.00	0.00	0.00
15,200.00	90.55	2.70	10,463.51	4,982.35	234.39	4,987.86	0.00	0.00	0.00
15,300.00	90.55	2.70	10,462.55	5,082.23	239.10	5,087.85	0.00	0.00	0.00
15,400.00	90.55	2.70	10,461.60	5,182.11	243.82	5,187.85	0.00	0.00	0.00
15,500.00	90.55	2.70	10,460.64	5,282.00	248.54	5,287.84	0.00	0.00	0.00
15,600.00	90.55	2.70	10,459.68	5,381.88	253.25	5,387.84	0.00	0.00	0.00
15,700.00	90.55	2.70	10,458.72	5,481.77	257.97	5,487.83	0.00	0.00	0.00
15,800.00	90.55	2.70	10,457.76	5,581.65	262.69	5,587.83	0.00	0.00	0.00
15,900.00	90.55	2.70	10,456.81	5,681.54	267.40	5,687.82	0.00	0.00	0.00
16,000.00	90.55	2.70	10,455.85	5,781.42	272.12	5,787.82	0.00	0.00	0.00
16,100.00	90.55	2.70	10,454.89	5,881.30	276.84	5,887.82	0.00	0.00	0.00
16,200.00	90.55	2.70	10,453.93	5,981.19	281.56	5,987.81	0.00	0.00	0.00
16,300.00	90.55	2.70	10,452.97	6,081.07	286.27	6,087.81	0.00	0.00	0.00
16,400.00	90.55	2.70	10,452.02	6,180.96	290.99	6,187.80	0.00	0.00	0.00
16,500.00	90.55	2.70	10,451.06	6,280.84	295.71	6,287.80	0.00	0.00	0.00
16,600.00	90.55	2.70	10,450.10	6,380.72	300.42	6,387.79	0.00	0.00	0.00
16,700.00	90.55	2.70	10,449.14	6,480.61	305.14	6,487.79	0.00	0.00	0.00
16,800.00	90.55	2.70	10,448.19	6,580.49	309.86	6,587.78	0.00	0.00	0.00
16,900.00	90.55	2.70	10,447.23	6,680.38	314.58	6,687.78	0.00	0.00	0.00
17,000.00	90.55	2.70	10,446.27	6,780.26	319.29	6,787.77	0.00	0.00	0.00
17,100.00	90.55	2.70	10,445.31	6,880.14	324.01	6,887.77	0.00	0.00	0.00
17,200.00	90.55	2.70	10,444.35	6,980.03	328.73	6,987.76	0.00	0.00	0.00
17,300.00	90.55	2.70	10,443.40	7,079.91	333.44	7,087.76	0.00	0.00	0.00
17,400.00	90.55	2.70	10,442.44	7,179.80	338.16	7,187.76	0.00	0.00	0.00
17,500.00	90.55	2.70	10,441.48	7,279.68	342.88	7,287.75	0.00	0.00	0.00
17,600.00	90.55	2.70	10,440.52	7,379.56	347.59	7,387.75	0.00	0.00	0.00
17,654.60	90.55	2.70	10,440.00	7,434.10	350.17	7,442.34	0.00	0.00	0.00

TD at 17654.60 - PBHL (Arabian 2H)

LEAM Drilling Systems LLC

Planning Report

Database: EDM 5000.1 Multi User Db
Company: Devon Energy
Project: Lea County, NM (NAD-83)
Site: Arabian 30-19 Fed Com
Well: 2H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well 2H
TVD Reference: 3361.6' GE + 25' KB @ 3386.60usft
MD Reference: 3361.6' GE + 25' KB @ 3386.60usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SHL (Arabian 2H) - plan hits target center - Point	0.00	0.00	0.00	0.00	0.00	401,292.49	731,902.70	32° 6' 6.254 N	103° 43' 4.468 W
PBHL (Arabian 2H) - plan hits target center - Point	0.00	0.00	10,440.00	7,434.10	350.17	408,726.59	732,252.87	32° 7' 19.800 N	103° 42' 59.903 W
LP (Arabian 2H) - plan hits target center - Point	0.00	0.00	10,457.95	569.23	26.74	401,861.72	731,929.44	32° 6' 11.886 N	103° 43' 4.120 W
MP (Arabian 2H) - plan hits target center - Point	0.00	0.00	10,475.00	3,717.07	174.64	405,009.56	732,077.34	32° 6' 43.027 N	103° 43' 2.191 W

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
10,773.46	10,457.84	Formation 2		0.29	2.70

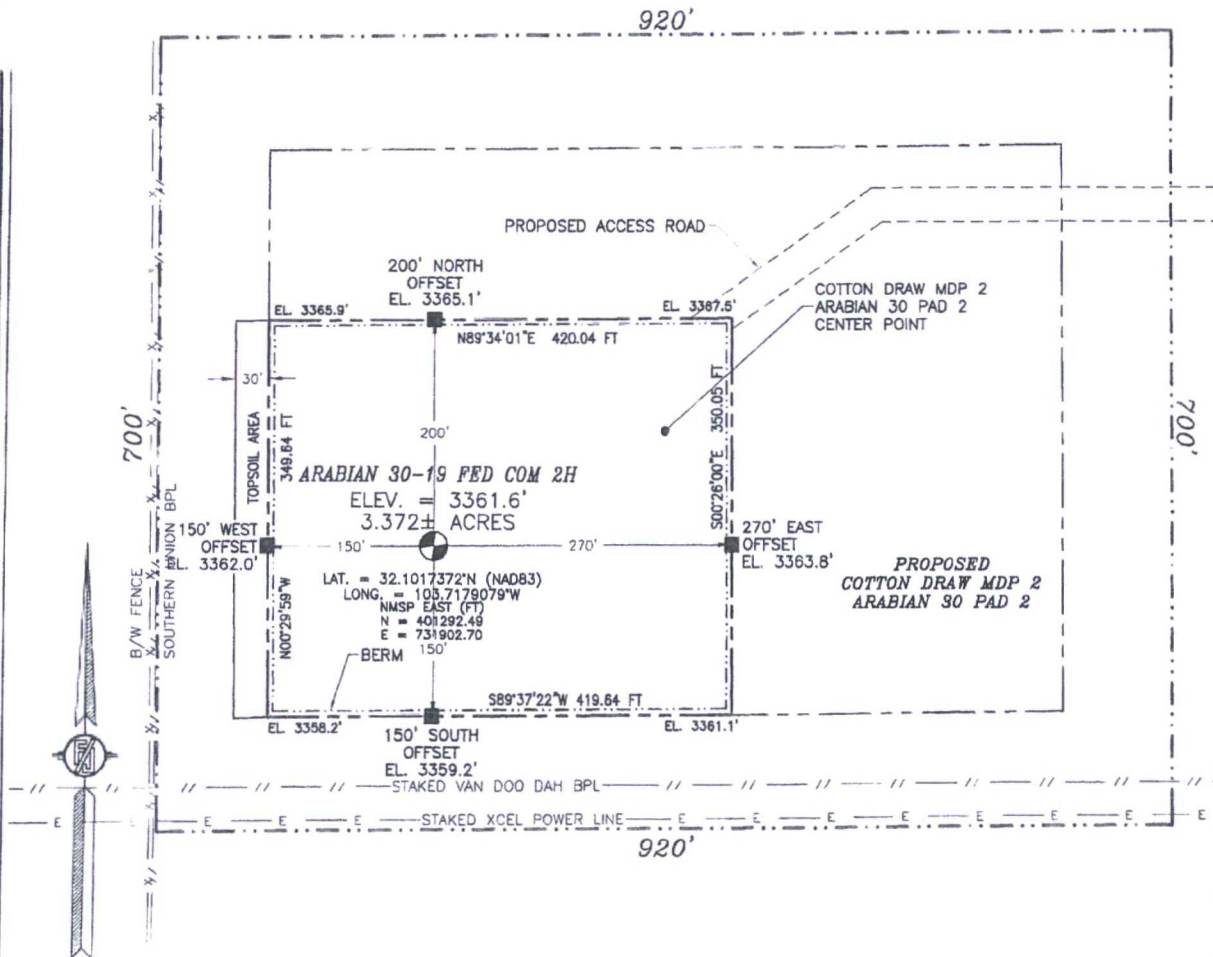
Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
9,885.00	9,885.00	0.00	0.00	Start Build 10.00
10,781.90	10,457.95	569.23	26.74	Start 3151.36 hold at 10781.90 MD
13,933.26	10,475.00	3,717.07	174.64	Start DLS 1.00 TFO 0.92
14,019.15	10,474.82	3,802.86	178.68	Start 3635.45 hold at 14019.15 MD
17,654.60	10,440.00	7,434.10	350.17	TD at 17654.60

SECTION 30, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

SITE MAP

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83) LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE. VERTICAL DATUM NAVD88.



015 75 150 300

SCALE 1" = 150'

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF STATE HWY #128 & COUNTY ROAD #1 (ORLA HWY) GO SOUTH ON COUNTY ROAD #1 APPROX. 6.2 MILES TO MONSANTO ROAD, TURN RIGHT (WEST) ON MONSANTO ROAD GO APPROX 2.1 MILES TO A "T" INTERSECTION, TURN LEFT (SOUTH) ON LEASE ROAD GO APPROX 1.5 MILES TO A ROAD LATH ON RIGHT SIDE OF ROAD (WEST), FOLLOW RED AND WHITE ROAD LATHS WEST APPROX. 0.62 MILE TO A (PI LEFT) LATH TURN SOUTHWEST GO 157' TO LOCATION.

DEVON ENERGY PRODUCTION COMPANY, L.P.
ARABIAN 30-19 FED COM 2H
LOCATED 2486 FT. FROM THE NORTH LINE
AND 1594 FT. FROM THE WEST LINE OF
SECTION 30, TOWNSHIP 25 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

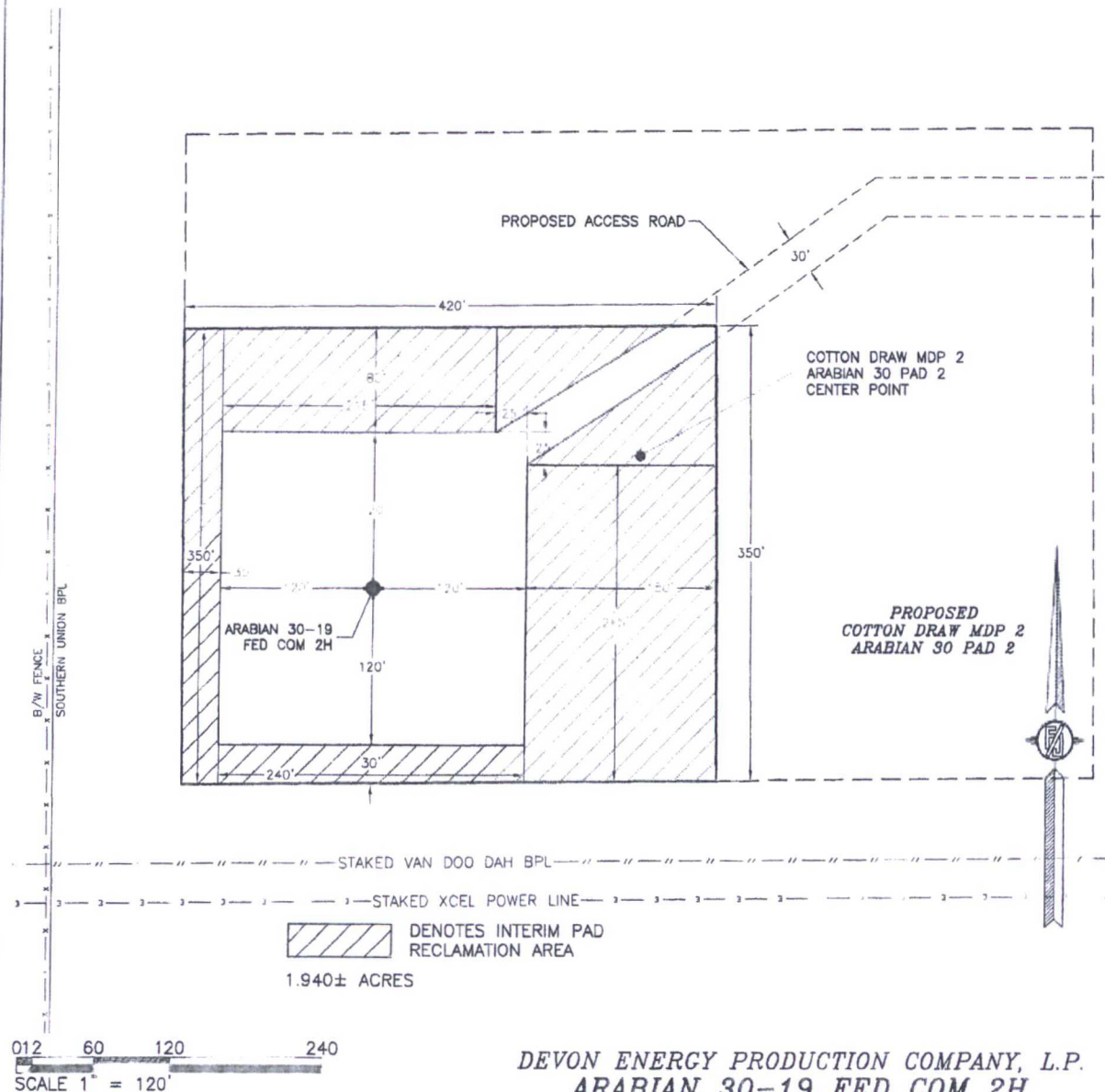
APRIL 5, 2017

SURVEY NO. 3985D

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341

CARLSBAD, NEW MEXICO

**PROPOSED INTERIM SITE BUILD PLAN
FOR ARABIAN 30-19 FED COM 2H
SECTION 30, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO**



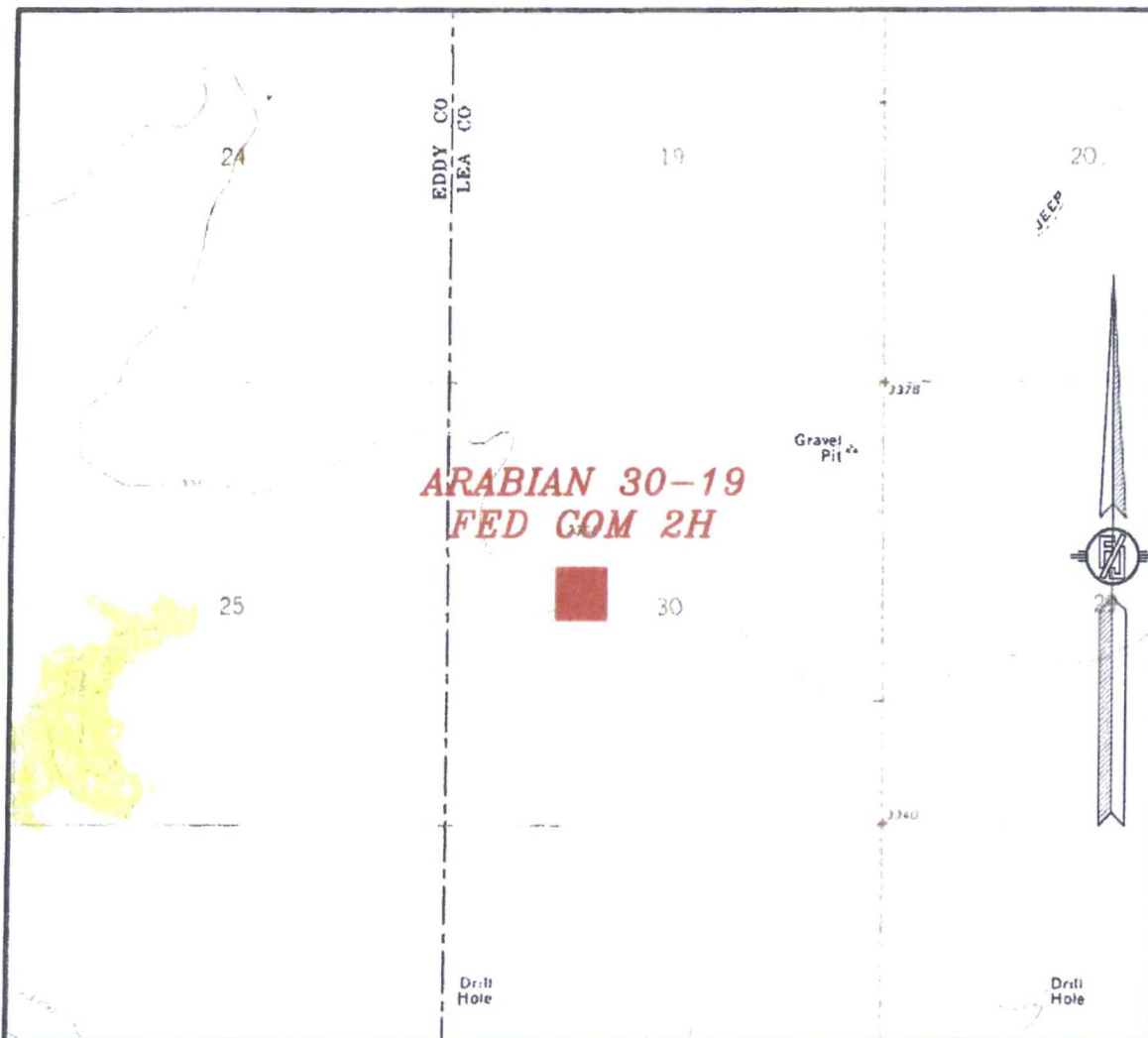
**DEVON ENERGY PRODUCTION COMPANY, L.P.
ARABIAN 30-19 FED COM 2H
LOCATED 2486 FT. FROM THE NORTH LINE
AND 1594 FT. FROM THE WEST LINE OF
SECTION 30, TOWNSHIP 25 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO**

APRIL 5, 2017

SURVEY NO. 3985D

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO
(575) 234-3341

SECTION 30, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



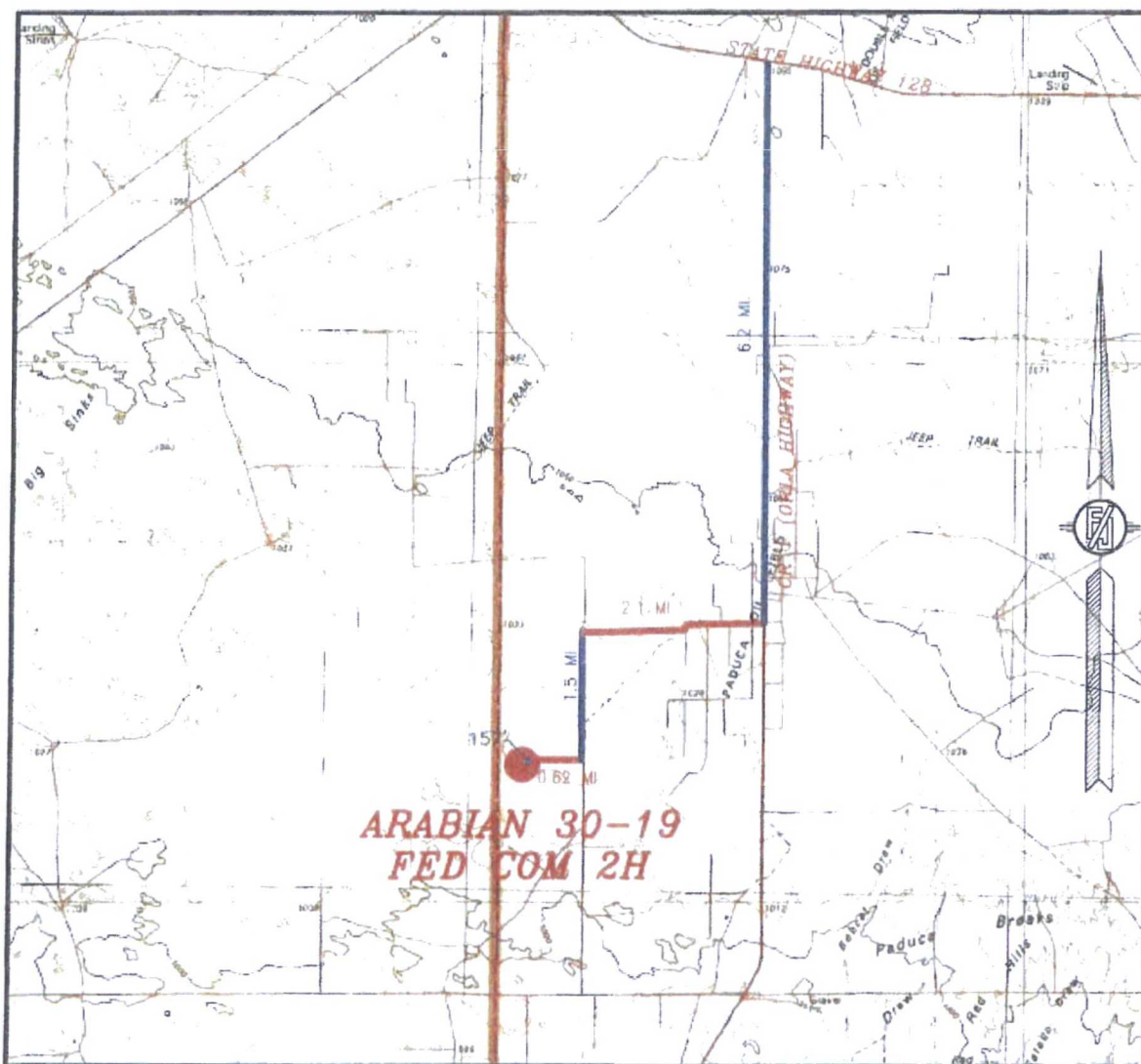
USGS QUAD MAP:
PADUCA BREAKS WEST

DEVON ENERGY PRODUCTION COMPANY, L.P.
ARABIAN 30-19 FED COM 2H
LOCATED 2486 FT. FROM THE NORTH LINE
AND 1594 FT. FROM THE WEST LINE OF
SECTION 30, TOWNSHIP 25 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

APRIL 5, 2017

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO SURVEY NO. 3985D

SECTION 30, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M
LEA COUNTY, STATE OF NEW MEXICO
VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.

ARABIAN 30-19 FED COM 2H

LOCATED 2486 FT. FROM THE NORTH LINE

AND 1594 FT. FROM THE WEST LINE OF

SECTION 30, TOWNSHIP 25 SOUTH,

RANGE 32 EAST, N.M.P.M.

LEA COUNTY, STATE OF NEW MEXICO

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF STATE HWY #128 & COUNTY ROAD #1 (ORLA HWY) GO SOUTH ON COUNTY ROAD #1 APPROX. 6.2 MILES TO MONSANTO ROAD, TURN RIGHT (WEST) ON MONSANTO ROAD GO APPROX 2.1 MILES TO A "T" INTERSECTION, TURN LEFT (SOUTH) ON LEASE ROAD GO APPROX 1.5 MILES TO A ROAD LATH ON RIGHT SIDE OF ROAD (WEST), FOLLOW RED AND WHITE ROAD LATHS WEST APPROX. 0.62 MILE TO A (PI LEFT) LATH TURN SOUTHWEST GO 157° TO LOCATION.

APRIL 5, 2017

SURVEY NO. 3985D

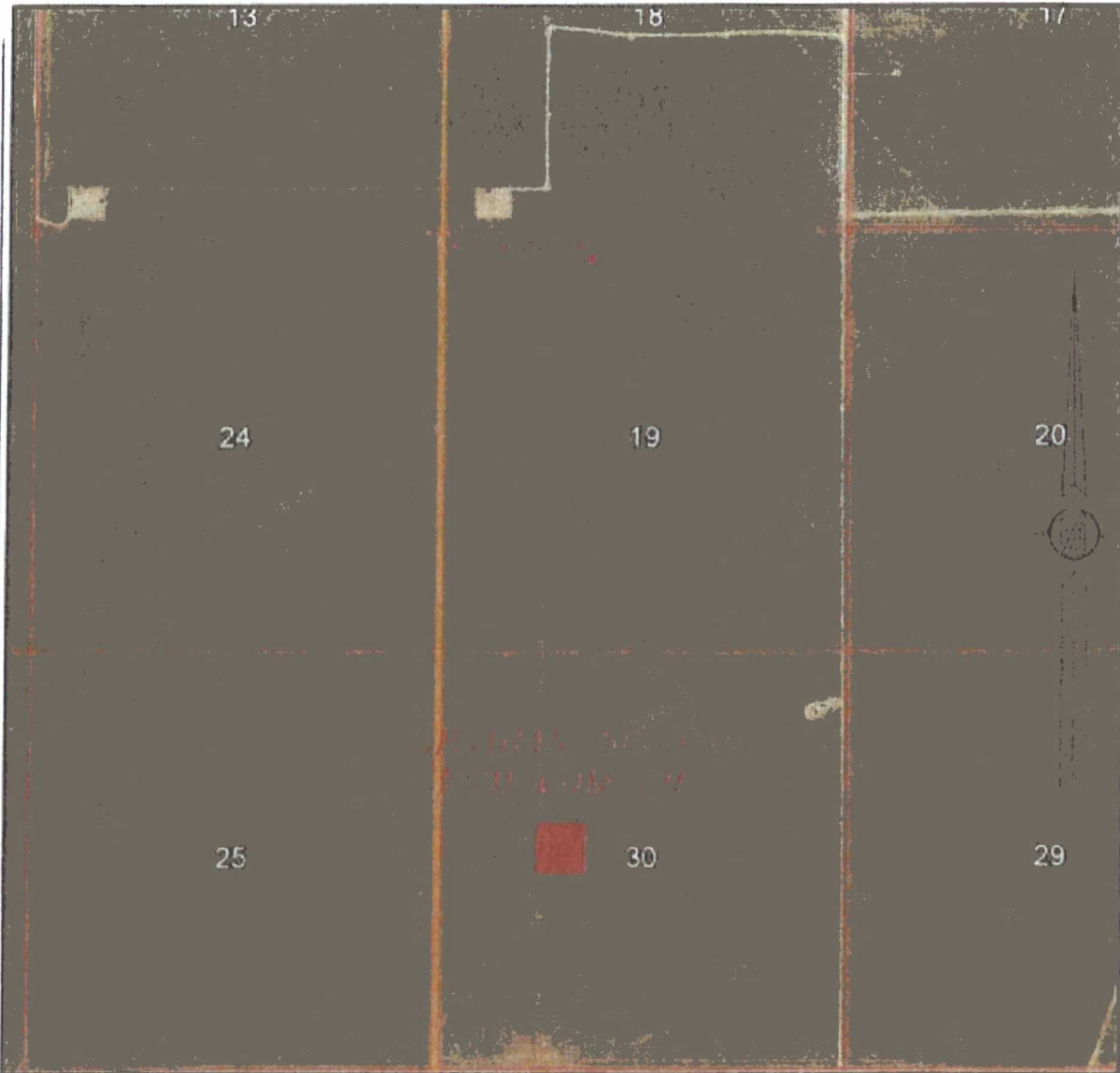
MADRON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

CARLSBAD, NEW MEXICO

SECTION 30, 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
NOVEMBER 2015

DEVON ENERGY PRODUCTION COMPANY, L.P.
ARABIAN 30-19 FED COM 2H
LOCATED 2486 FT. FROM THE NORTH LINE
AND 1594 FT. FROM THE WEST LINE OF
SECTION 30, TOWNSHIP 25 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

APRIL 5, 2017

SURVEY NO. 3985D

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO
(575) 234-3341

SECTION 30, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
ACCESS AERIAL ROUTE MAP



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
NOVEMBER 2015

DEVON ENERGY PRODUCTION COMPANY, L.P.
ARABIAN 30-19 FED COM 2H
LOCATED 2486 FT. FROM THE NORTH LINE
AND 1594 FT. FROM THE WEST LINE OF
SECTION 30, TOWNSHIP 25 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

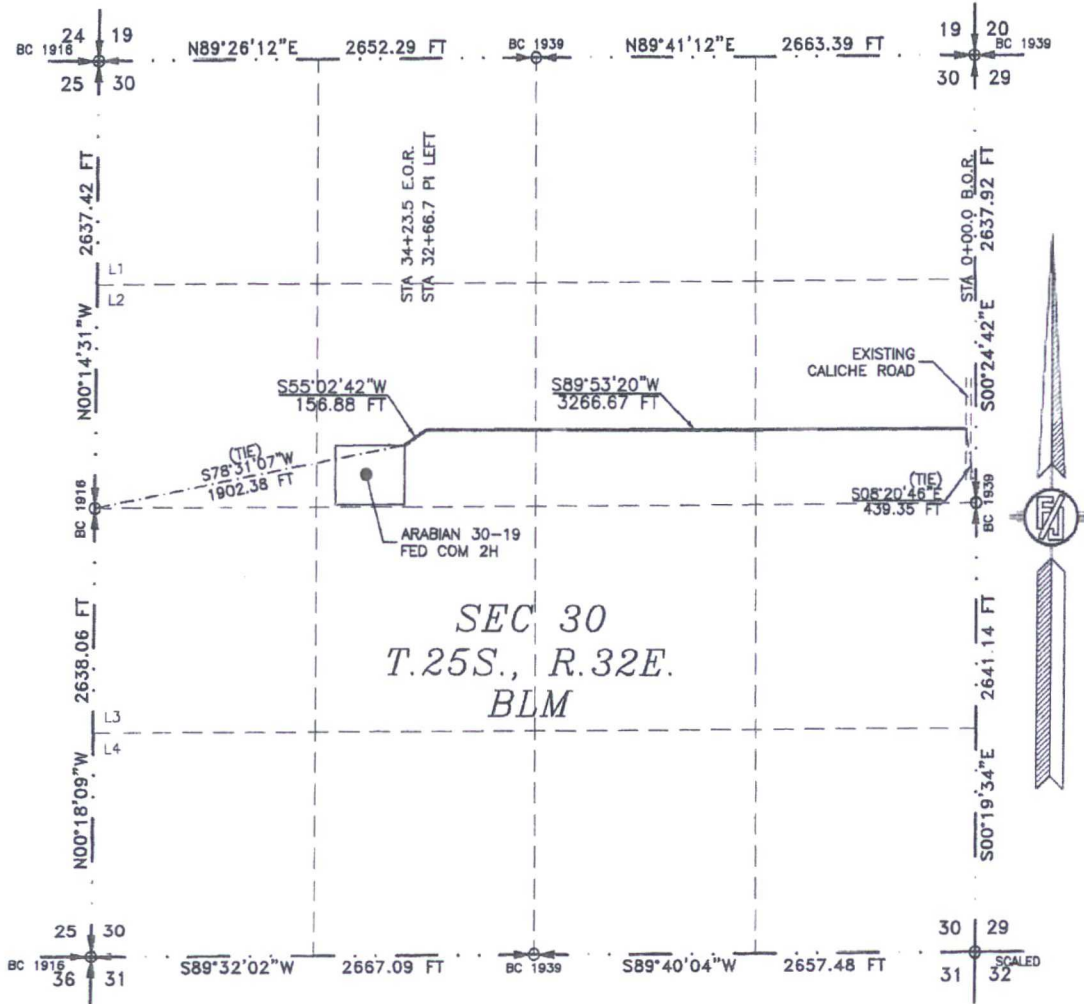
APRIL 5, 2017

SURVEY NO. 3985D

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO
(575) 234-3341

ACCESS ROAD PLAT
ACCESS ROAD FOR ARABIAN 30-19 FED COM 2H

DEVON ENERGY PRODUCTION COMPANY, L.P.
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 30, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
APRIL 4, 2017



SEE NEXT SHEET (2-2) FOR DESCRIPTION

SURVEYOR CERTIFICATE

I, FILMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS DAY OF APRIL 2017.

FILMON F. JARAMILLO, PLS. 12797
MADRON SURVEYING, INC.
301 SOUTH CANAL
CARLSBAD, NEW MEXICO 88220
Phone (575) 234-3341

GENERAL NOTES

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 1-2

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

SURVEY NO. 3985D

ACCESS ROAD PLAT
ACCESS ROAD FOR ARABIAN 30-19 FED COM 2H

DEVON ENERGY PRODUCTION COMPANY, L.P.
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 30, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
APRIL 4, 2017

DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 30, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M., LEA COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE SE/4 NE/4 OF SAID SECTION 30, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M., WHENCE THE EAST QUARTER CORNER OF SAID SECTION 30, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M. BEARS S08°20'46"E, A DISTANCE OF 439.35 FEET;
THENCE S89°53'20"W A DISTANCE OF 3266.67 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE S55°02'42"W A DISTANCE OF 156.88 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE WEST QUARTER CORNER OF SAID SECTION 30, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M. BEARS S78°31'07"W, A DISTANCE OF 1902.38 FEET;

SAID STRIP OF LAND BEING 3423.55 FEET OR 207.49 RODS IN LENGTH, CONTAINING 1.572 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SE/4 NE/4	1271.47 L.F.	77.06 RODS	0.584 ACRES
SW/4 NE/4	1330.49 L.F.	80.64 RODS	0.611 ACRES
SE/4 NW/4	821.59 L.F.	49.79 RODS	0.377 ACRES

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I, FILMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF THIS CERTIFICATE IS EXECUTED AT CARLSBAD,
NEW MEXICO, THIS 4 DAY OF APRIL 2017

GENERAL NOTES

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING IS NMSP EAST MODIFIED TO SURFACE COORDINATES.

SHEET: 2-2

MADRON SURVEYING, INC. **CARLSBAD, NEW MEXICO**

FILMON F. JARAMILLO RLS 12797
MADRON SURVEYING, INC.
301 SOUTH CANAL
CARLSBAD, NEW MEXICO 88220
Phone (575) 234-3341

SURVEY NO. 3985D