

PTGW
 DATE IN 1-12-11 SUSPENSE ENGINEER DKB LOGGED IN 1.13.11 TYPE NSL APP NO 1101352918

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



Deere Sisters 25 Fed #114
 [Signature]
 Devon

ADMINISTRATIVE APPLICATION CHECKLIST

6331

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☒ Offset Operators, Leaseholders or Surface Owner
 [C] ☐ Application is One Which Requires Published Legal Notice
 [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] ☐ Waivers are Attached

RECEIVED OGD
 2011 JAN 12 P 2:29

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

James Bruce
 Print or Type Name

[Signature]
 Signature

Attorney
 Title

1/12/11
 Date

jamesbruc@aol.com
 e-mail Address

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruc@aol.com

January 12, 2011

Hand delivered

David K. Brooks
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Dear Mr. Brooks:

Pursuant to Division Rule NMAC 19.15.15.13, Devon Energy Production Company, L.P. applies for approval of an unorthodox oil well location for the following well:

<u>Well:</u>	Serene Sisters 25 Federal Well No. 1H
<u>Surface location:</u>	200 feet FNL & 1100 feet FEL Section
<u>Penetration point:</u>	Sam as surface location
<u>Bottom hole location:</u>	400 feet FSL & 400 feet FEL
<u>Well unit (project area):</u>	E½E½ of Section 25, Township 18 South, Range 31 East, N.M.P.M., Eddy County, New Mexico

Applicant proposes to drill the well to test the Bone Spring formation (Northwest Hackberry-Bone Spring Pool). The pool is spaced on 40 acres, with wells to be located no closer than 330 feet to a quarter-quarter section line. A portion of the APD for the well, with a Form C-102 and directional drilling plan, is attached as **Exhibit A**.

The surface location is unorthodox because the operator is using the same wellpad for both the proposed well and its proposed Serene Sisters 25 Federal Well No. 2H. **Exhibit A**. The wellsite is near an existing road, will minimize surface disturbance, and reduce costs. The top of the Bone Spring will be penetrated at the surface location, but the perforated portion of the wellbore will be at least 330 feet FNL and 990 feet FEL of Section 25.

The E½ of Section 25 is comprised of Federal Lease LC 065680, with common ownership, so interest owners in the W½E½ of Section 25 have not been notified of this application. The working interest owners in the S½SE¼ of Section 24 are as follows:

SM Energy Company
Building 7, Suite 200
3300 North A Street
Midland, Texas 79707

Mewbourne Oil Company
Suite 1020
500 West Texas
Midland, Texas 79701

Endurance Resources LLC
Suite 600
15455 Dallas Parkway
Addison, Texas 75234

Notice of this application was given to the interest owners by the letter marked **Exhibit B**.

Please contact me if you need any further information on this application.

Very truly yours,

A handwritten signature in cursive script that reads "James Bruce".

James Bruce

Attorney for Devon Energy Production Company, L.P.

Operator Copy

Form 3160-3
(February 2005)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTERFORM APPROVED
OMB No 1004-0137
Expires March 31, 2007

1a. Type of work: ☒ DRILL ☐ REENTER		5. Lease Serial No. USA NMNM LC 0065680
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 Co., LP		7. If Unit or CA Agreement, Name and No
3a. Address 20 North Broadway OKC, OK 73102		8. Lease Name and Well No. Serene Sisters 25 Federal III
3b. Phone No. (include area code) (405)-552-7802		9. API Well No.
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface NENE 200' FNL & 1000' FEL Lot A At proposed prod. zone SESE 400' FSL & 400' FEL Lot B		10. Field and Pool, or Exploratory Hackberry; Bone Spring, NW 11. Sec. T. R. M. or Bk and Survey or Area Sec 25-T18S-R31E
14. Distance in miles and direction from nearest town or post office* Approximately 12 miles southeast of Loco Hills, NM.		12. County or Parish Eddy
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 200'		13. State NM
16. No. of acres in lease 640 acres		17. Spacing Unit dedicated to this well 160
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. SL: 100' BHL: 820'		20. BLM/BIA Bond No. on file CO-1104
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3700.1' GL		22. Approximate date work will start* 09/15/2010
		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:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the BLM.

25. Signature 	Name (Printed-Typed) Stephanie A. Ysasaga	Date 08/02/2010
Title Sr. Staff Engineering Technician		
Approved by (Signature) 	Name (Printed-Typed) G. FIELD	Date 11/12/10
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.

*(Instructions on page 2)

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

EXHIBIT

A

Capitan Controlled Water Basin

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS
AND SPECIAL STIPULATIONS
ATTACHED

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 30-015-3831		² Pool Code		³ Pool Name HACKBERRY; BONE SPRING, NW	
⁴ Property Code		⁵ Property Name SERENE SISTERS 25 FEDERAL			⁶ Well Number 1H
⁷ OGRID No. 6137		⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.			⁹ Elevation 3700.1

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
A	25	18 S	31 E		200	NORTH	1000	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

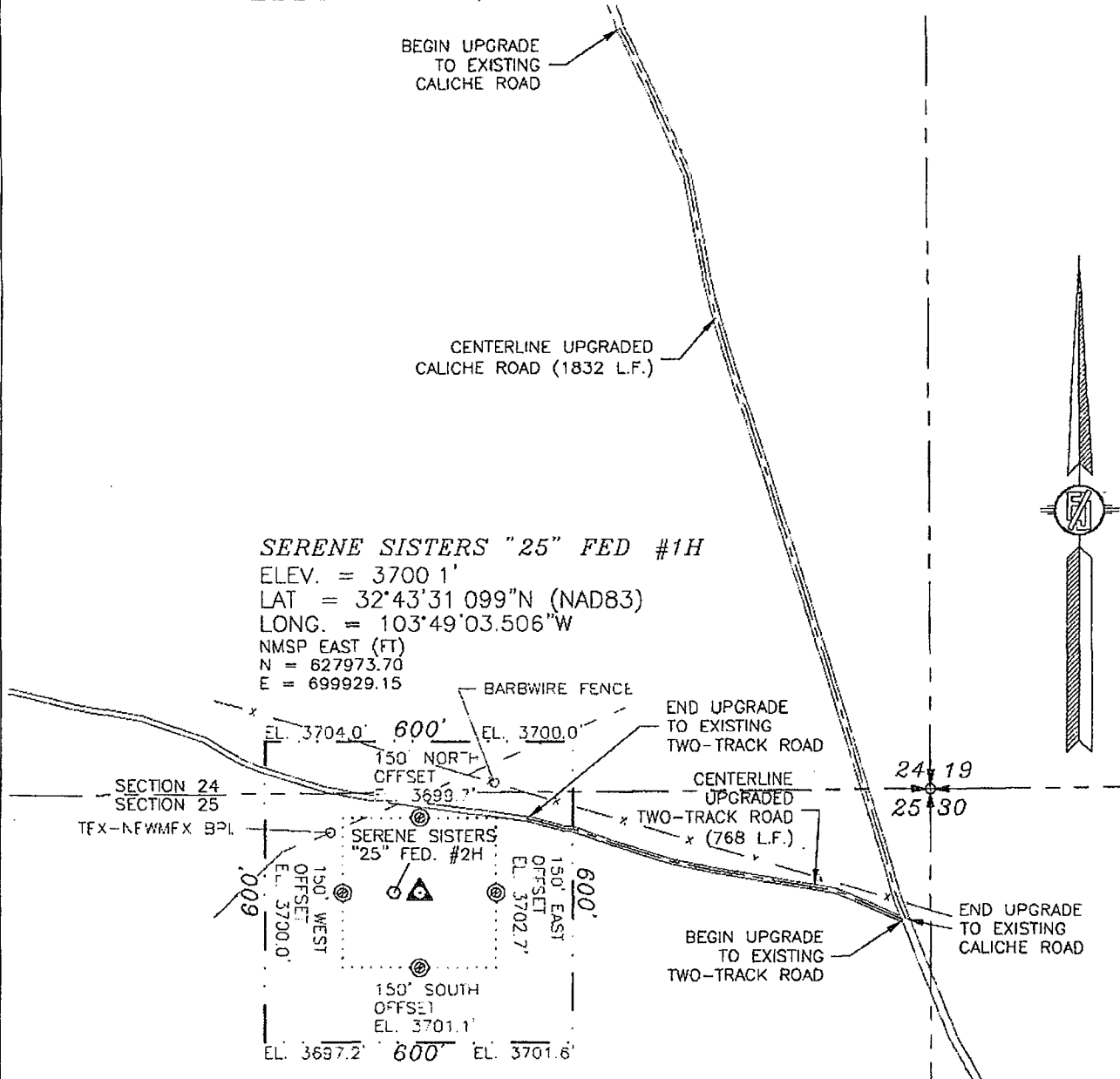
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	25	18 S	31 E		400	SOUTH	400	EAST	EDDY

¹² Dedicated Acres 160	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. 25 LAT. = 32°43'32.97"N LONG. = 103°49'54.03"W NMSP EAST (FT) N = 628142.55 E = 695610.97		NE CORNER SEC. 25 LAT. = 32°43'33.11"N LONG. = 103°48'51.80"W NMSP EAST (FT) N = 628181.67 E = 700927.99			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 unleased 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.
SERENE SISTERS "25" FED. #1H ELEV. = 3700.1' LAT. = 32°43'31.099"N (NAD83) LONG. = 103°49'03.506"W NMSP EAST (FT) N = 627973.70 E = 699929.15					
PENETRATION POINT: 330' FNL & 965' FEL				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.	
☐ PRODUCING AREA ☐ PROJECT AREA					
SW CORNER SEC. 25 LAT. = 32°42'40.68"N LONG. = 103°49'53.55"W NMSP EAST (FT) N = 622858.67 E = 695677.43		SE CORNER SEC. 25 LAT. = 32°42'40.84"N LONG. = 103°48'51.74"W NMSP EAST (FT) N = 622898.69 E = 700959.68		BOTTOM OF HOLE LAT. = 32°42'44.79"N LONG. = 103°48'56.42"W NMSP EAST (FT) N = 623295.62 E = 700557.35	Date of Survey JULY 15, 2010
Signature and Seal of Professional Surveyor Certificate Number: ELLIMONT JARAMILLO, PLS 12797 SURVEY NO. 146					

SECTION 25, TOWNSHIP 18 SOUTH, RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO



030 150 300 600

SCALE 1" = 300'

DIRECTIONS TO LOCATION

FROM STATE HWY. 82 AND CR# 222 GO SOUTH ON CR#222 4.0 MILES AND TURN LEFT ON CALICHE CR.# 249 AND GO SOUTHEAST 2.8 MILES AND CONTINUE SOUTHEAST ON CALICHE LEASE ROAD 1.3 MILES TURN LEFT AND GO NORTHEAST 0.7 MILES, BEND LEFT AND GO NORTH 0.5 MILES, TURN RIGHT AND GO NORTHEAST 390'. TURN RIGHT ON LEASE ROAD AND GO SOUTHEAST 0.4 MILES TO A RECLAIMED CALICHE ROAD AND SOUTH-SOUTHEAST 0.4 MILES TO A RANCH ROAD NORTHWEST 745' TO THE EAST EDGE OF THE PROPOSED PAD FOR THIS LOCATION.

DEVON ENERGY PRODUCTION COMPANY, L.P.
SERENE SISTERS "25" FED. #1H
LOCATED 200 FT. FROM THE NORTH LINE
AND 1000 FT. FROM THE EAST LINE OF
SECTION 25, TOWNSHIP 18 SOUTH,
RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

JULY 15, 2010

SURVEY NO 146

MADRON SURVEYING, INC

301 SOUTH CANAL
(575) 287-5832

CARLSBAD, NEW MEXICO

DRILLING PROGRAM

Devon Energy Production Company, LP

Serene Sisters 25 Federal 1H

Surface Location 200' FNL & 1000' FEL, Unit A, Sec 25 T18S R31E, Eddy, NM

Bottom hole Location. 400' FSL & 400' FEL, Unit P, Sec 25 T18S R31E, Eddy, NM

1. Geologic Name of Surface Formation

- a. Permian

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

a. Rustler	905'	Barren
b. Salado	1095'	Barren
c. Salado Base	2225'	Barren
d. Tansil Dolomite	2300'	Barren
e. Yates	2525'	Barren
f. Seven Rivers	2875'	Oil
g. Queen	3550'	Oil
h. Penrose	3720'	Barren
i. San Andres	4120'	Barren
j. Delaware	4650'	Oil/Gas
k. Bone Springs	6490'	Oil/Gas
l. Avalon Shale	6835'	Oil/Gas
m. 1 st Bone Spring Ss	7995'	Oil/Gas
n. 1 st BS Upper Ss pay	8010'	Oil/Gas
o. 1 st BS Middle Ss pay	8085'	Oil/Gas
p. 1 st BS Middle "B" Ss pay	8185'	Oil/Gas
q. 1 st BS Lower Ss pay	8235'	Oil/Gas
r. 2 nd Bone Spring Lime	8295'	Oil/Gas
s. Total Depth	TVD 8265' MD 12728'	

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water sands will be protected by setting 13 3/8" casing at 975' and circulating cement back to surface. The fresh water sands will be protected by setting 9 5/8" casing at 3500' and circulating cement to surface. The Delaware intervals will be isolated by setting 5 1/2" casing to total depth and circulating cement above the base of the 9 5/8" casing. All casing is new and API approved

3. 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'-975'	13 3/8"	0'-975'	48#	STC	II-40
12 1/4"	975'-3000'	9 5/8"	0'-3000'	36#	LTC	J-55
12 1/4"	3000'-3500'	9 5/8"	3000'-3500'	40#	LTC	J 55
8 3/4"	3500'-7400'	5 1/2"	0'-7400'	17#	LTC	P-110HC



Weatherford[®]

Drilling Services

Proposal



devon

SERENE SISTERS 25 FED 1H

EDDY COUNTY, NM

WELL FILE **PLAN 2**

AUGUST 11, 2010

Weatherford International, Ltd.

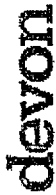
P O. Box 61028

Midland, TX 79711 USA

+1.432.561.8892 Main

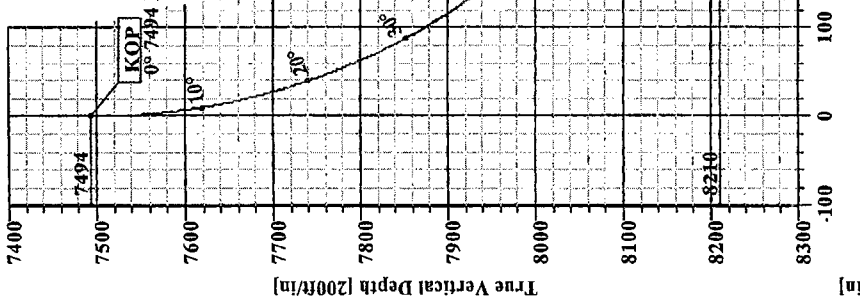
+1.432.561.8895 Fax

www.weatherford.com

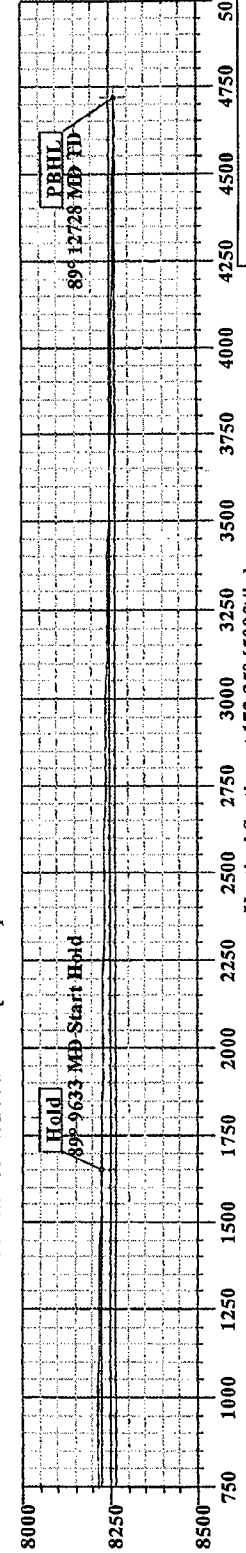


SERENE SISTERS 25 FED 1H EDDY CO., NEW MEXICO

KB ELEV: 3725.1
GL ELEV: 3700.1



True Vertical Depth [500ft/in]



Vertical Section at 172.35° [500ft/in]

SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSeo Target
1	0.00	0.00	149.30	0.00	0.00	0.00	0.00	0.00	0.00
2	7493.87	0.00	149.30	7493.87	0.00	0.00	0.00	149.30	0.00
3	8609.37	89.24	149.30	8210.00	-607.65	360.80	8.00	149.30	650.27
4	9632.74	89.24	180.00	8213.92	-1582.67	628.41	3.00	90.21	1652.23
5	12728.42	89.24	180.00	8265.00	-4678.08	628.20	0.00	0.00	4720.07

WELL DETAILS									
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot		
Serene Sisters 25 Fed 1H	0.00	0.00	627973.70	699929.15	32°43'30.990N	103°49'03.484W	N/A		

TARGET DETAILS									
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape	Point		
PBHL	8265.00	-4678.08	628.20	623295.62	700557.35				

FIELD DETAILS

Eddy Co., NM (NAD 83)

Geodetic System: US State Plane Coordinate System 1983

Ellipsoid: GRS 1980

Zone: New Mexico, Eastern Zone

Magnetic Model: IGRF2010

System Datum: Mean Sea Level

Local North: Grid North

LEGEND

Serene Sisters 25 Fed 1H (1)

Plan #2

LEGEND

Serene Sisters 25 Fed 1H (1)

Plan #2

LEGEND

Serene Sisters 25 Fed 1H (1)

Plan #2

LEGEND

Serene Sisters 25 Fed 1H (1)

Plan #2

LEGEND

Serene Sisters 25 Fed 1H (1)

Plan #2

LEGEND

Serene Sisters 25 Fed 1H (1)

Plan #2

LEGEND

Serene Sisters 25 Fed 1H (1)

Plan #2

LEGEND

Serene Sisters 25 Fed 1H (1)

Plan #2

LEGEND

Serene Sisters 25 Fed 1H (1)

Plan #2

LEGEND

Serene Sisters 25 Fed 1H (1)

Plan #2

LEGEND

Serene Sisters 25 Fed 1H (1)

Plan #2

LEGEND

Serene Sisters 25 Fed 1H (1)

Plan #2

LEGEND

Serene Sisters 25 Fed 1H (1)

Plan #2

LEGEND

Serene Sisters 25 Fed 1H (1)

Plan #2

LEGEND

Serene Sisters 25 Fed 1H (1)

Plan #2

Company: Devon Energy	Date: 8/11/2010	Time: 12:14:42	Page: 1
Field: Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference:	Well: Serene Sisters 25 Fed 1H	
Site: Serene Sisters 25 Fed 1H	Vertical (TVD) Reference:	SITE 3725.1	
Well: Serene Sisters 25 Fed 1H	Section (VS) Reference:	Well (0.00N,0.00E,172.35Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Plan: Plan #2	Date Composed: 8/11/2010
Principal: Yes	Version: 1
	Tied-to: From Surface

Field: Eddy Co., NM (NAD 83)

Map System: US State Plane Coordinate System 1983
Geo Datum: GRS 1980
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
Coordinate System: Well Centre
Geomagnetic Model: IGRF2010

Site: Serene Sisters 25 Fed 1H

Site Position:	Northing: 627973.70 ft	Latitude: 32 43 30.990 N
From: Map	Easting: 699929.15 ft	Longitude: 103 49 3.484 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 3700.10 ft		Grid Convergence: 0.28 deg

Well: Serene Sisters 25 Fed 1H

Slot Name:

Well Position: +N/-S 0.00 ft	Northing: 627973.70 ft	Latitude: 32 43 30.990 N
+E/-W 0.00 ft	Easting: 699929.15 ft	Longitude: 103 49 3.484 W
Position Uncertainty: 0.00 ft		

Wellpath: 1

Current Datum: SITE	Height 3725.10 ft	Drilled From: Surface
Magnetic Data: 7/29/2010		Tie-on Depth: 0.00 ft
Field Strength: 49006 nT		Above System Datum: Mean Sea Level
Vertical Section: Depth From (TVD)	+N/-S	Declination: 7.85 deg
ft	ft	Mag Dip Angle: 60.63 deg
		+E/-W
		ft
		Direction
		deg
0.00	0.00	0.00 172.35

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	149.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7493.87	0.00	149.30	7493.87	0.00	0.00	0.00	0.00	0.00	149.30	
8609.37	89.24	149.30	8210.00	-607.65	360.80	8.00	8.00	0.00	149.30	
9632.74	89.24	180.00	8223.92	-1582.67	628.41	3.00	0.00	3.00	90.21	
12728.42	89.24	180.00	8265.00	-4678.08	628.20	0.00	0.00	0.00	0.00	PBHL

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
7400.00	0.00	149.30	7400.00	0.00	0.00	0.00	0.00	627973.70	699929.15	
7493.87	0.00	149.30	7493.87	0.00	0.00	0.00	0.00	627973.70	699929.15	KOP
7500.00	0.49	149.30	7500.00	-0.02	0.01	0.02	8.00	627973.68	699929.16	
7600.00	8.49	149.30	7599.61	-6.75	4.01	7.22	8.00	627966.95	699933.16	
7700.00	16.49	149.30	7697.17	-25.33	15.04	27.11	8.00	627948.37	699944.19	
7800.00	24.49	149.30	7790.76	-55.41	32.90	59.29	8.00	627918.29	699962.05	
7900.00	32.49	149.30	7878.58	-96.39	57.23	103.15	8.00	627877.31	699986.38	
8000.00	40.49	149.30	7958.91	-147.48	87.57	157.82	8.00	627826.22	700016.72	
8100.00	48.49	149.30	8030.19	-207.69	123.32	222.25	8.00	627766.01	700052.47	
8200.00	56.49	149.30	8091.03	-275.84	163.78	295.19	8.00	627697.86	700092.93	
8300.00	64.49	149.30	8140.25	-350.61	208.18	375.20	8.00	627623.09	700137.33	
8400.00	72.49	149.30	8176.88	-430.54	255.64	460.74	8.00	627543.16	700184.79	
8500.00	80.49	149.30	8200.23	-514.08	305.24	550.13	8.00	627459.62	700234.39	
8600.00	88.49	149.30	8209.82	-599.60	356.02	641.65	8.00	627374.10	700285.17	
8609.37	89.24	149.30	8210.00	-607.65	360.80	650.27	8.00	627366.05	700289.95	Landing Pt/Turn
8700.00	89.23	152.02	8211.21	-686.65	405.20	734.47	3.00	627287.05	700334.35	

devon

Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company: Devon Energy	Date: 8/11/2010	Time: 12:14:42	Page: 2
Field: Eddy Co., NM (NAD 83)	Co-ordinate(N/E) Reference:	Well: Serene Sisters 25 Fed 1H	
Site: Serene Sisters 25 Fed 1H	Vertical (TVD) Reference:	SITE 3725.1	
Well: Serene Sisters 25 Fed 1H	Section (VS) Reference:	Well (0.00N,0.00E,172.35Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
8800.00	89.22	155.02	8212.56	-776.14	449.78	829.09	3.00	627197.56	700378.93	
8900.00	89.22	158.02	8213.93	-867.84	489.62	925.28	3.00	627105.86	700418.77	
9000.00	89.21	161.02	8215.30	-961.50	524.60	1022.76	3.00	627012.20	700453.75	
9100.00	89.21	164.02	8216.67	-1056.86	554.63	1121.27	3.00	626916.84	700483.78	
9200.00	89.21	167.02	8218.05	-1153.66	579.63	1220.54	3.00	626820.04	700508.78	
9300.00	89.21	170.02	8219.42	-1251.64	599.52	1320.30	3.00	626722.06	700528.67	
9400.00	89.22	173.02	8220.79	-1350.53	614.26	1420.27	3.00	626623.17	700543.41	
9500.00	89.23	176.02	8222.14	-1450.05	623.81	1520.17	3.00	626523.65	700552.96	
9600.00	89.24	179.02	8223.48	-1549.94	628.13	1619.75	3.00	626423.76	700557.28	
9632.74	89.24	180.00	8223.92	-1582.67	628.41	1652.23	3.00	626391.03	700557.56	Hold
9700.00	89.24	180.00	8224.81	-1649.93	628.41	1718.88	0.00	626323.77	700557.56	
9800.00	89.24	180.00	8226.14	-1749.92	628.40	1817.98	0.00	626223.78	700557.55	
9900.00	89.24	180.00	8227.47	-1849.91	628.39	1917.08	0.00	626123.79	700557.54	
10000.00	89.24	180.00	8228.79	-1949.90	628.39	2016.19	0.00	626023.80	700557.54	
10100.00	89.24	180.00	8230.12	-2049.89	628.38	2115.29	0.00	625923.81	700557.53	
10200.00	89.24	180.00	8231.45	-2149.88	628.37	2214.39	0.00	625823.82	700557.52	
10300.00	89.24	180.00	8232.77	-2249.87	628.37	2313.49	0.00	625723.83	700557.52	
10400.00	89.24	180.00	8234.10	-2349.86	628.36	2412.59	0.00	625623.84	700557.51	
10500.00	89.24	180.00	8235.43	-2449.86	628.35	2511.69	0.00	625523.84	700557.50	
10600.00	89.24	180.00	8236.75	-2549.85	628.35	2610.79	0.00	625423.85	700557.50	
10700.00	89.24	180.00	8238.08	-2649.84	628.34	2709.89	0.00	625323.86	700557.49	
10800.00	89.24	180.00	8239.41	-2749.83	628.33	2808.99	0.00	625223.87	700557.48	
10900.00	89.24	180.00	8240.74	-2849.82	628.32	2908.09	0.00	625123.88	700557.47	
11000.00	89.24	180.00	8242.06	-2949.81	628.32	3007.19	0.00	625023.89	700557.47	
11100.00	89.24	180.00	8243.39	-3049.80	628.31	3106.29	0.00	624923.90	700557.46	
11200.00	89.24	180.00	8244.72	-3149.79	628.30	3205.39	0.00	624823.91	700557.45	
11300.00	89.24	180.00	8246.04	-3249.79	628.30	3304.50	0.00	624723.91	700557.45	
11400.00	89.24	180.00	8247.37	-3349.78	628.29	3403.60	0.00	624623.92	700557.44	
11500.00	89.24	180.00	8248.70	-3449.77	628.28	3502.70	0.00	624523.93	700557.43	
11600.00	89.24	180.00	8250.03	-3549.76	628.28	3601.80	0.00	624423.94	700557.43	
11700.00	89.24	180.00	8251.35	-3649.75	628.27	3700.90	0.00	624323.95	700557.42	
11800.00	89.24	180.00	8252.68	-3749.74	628.26	3800.00	0.00	624223.96	700557.41	
11900.00	89.24	180.00	8254.01	-3849.73	628.26	3899.10	0.00	624123.97	700557.41	
12000.00	89.24	180.00	8255.33	-3949.72	628.25	3998.20	0.00	624023.98	700557.40	
12100.00	89.24	180.00	8256.66	-4049.71	628.24	4097.30	0.00	623923.99	700557.39	
12200.00	89.24	180.00	8257.99	-4149.71	628.24	4196.40	0.00	623823.99	700557.39	
12300.00	89.24	180.00	8259.31	-4249.70	628.23	4295.50	0.00	623724.00	700557.38	
12400.00	89.24	180.00	8260.64	-4349.69	628.22	4394.60	0.00	623624.01	700557.37	
12500.00	89.24	180.00	8261.97	-4449.68	628.22	4493.70	0.00	623524.02	700557.37	
12600.00	89.24	180.00	8263.30	-4549.67	628.21	4592.80	0.00	623424.03	700557.36	
12700.00	89.24	180.00	8264.62	-4649.66	628.20	4691.91	0.00	623324.04	700557.35	
12728.42	89.24	180.00	8265.00	-4678.08	628.20	4720.07	0.00	623295.62	700557.35	PBHL

Targets

Name	Description Dip.	Dir.	TVD ft	+N-S ft	+E-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg Min Sec			<--- Longitude ---> Deg Min Sec		
PBHL			8265.00	-4678.08	628.20	623295.62	700557.35	32	42	44.671 N	103	48	56.398 W



Weatherford International Ltd.

WFT Plan Report - X & Y's

**Weatherford**

Company: Devon Energy
Field: Eddy Co , NM (NAD 83)
Site: Serene Sisters 25 Fed 1H
Well: Serene Sisters 25 Fed 1H
Wellpath: 1

Date: 8/11/2010 Time: 12:14:42 Page: 3
Co-ordinate(NE) Reference: Well: Serene Sisters 25 Fed 1H
Vertical (TVD) Reference: SITE 3725.1
Section (VS) Reference: Well (0.00N,0.00E,172 35Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Casing Points

MD	TVD	Diameter	Hole Size	Name

Annotation

MD ft	TVD ft	
7493.87	7493.87	KOP
8609.37	8210.00	Landing Pt/Turn
9632.74	8223.92	Hold
12728.42	8265.00	PBHL

Formations

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruc@aol.com

January 12, 2011

Certified Mail – Return Receipt Requested

To: Persons on Exhibit 1

Ladies and gentlemen:

Devon Energy Production Company, L.P. has filed two application with the New Mexico Oil Conservation Division seeking unorthodox oil well locations in the Bone Spring formation in the E½E½ and W½E½ of Section 25, Township 18 South, Range 31 East, NMPM, Eddy County, New Mexico. Copies of the applications are enclosed. You own an interest in the offsetting S½SE¼ of Section 24. If you object to the application, you must notify the Division in writing no later than 20 days from the date of this letter (the Division's address is 1220 South St. Francis Drive, Santa Fe, New Mexico 87505). Failure to object will preclude you from contesting this matter at a later date.

Very truly yours,


James Bruce

Attorney for Devon Energy Production Company, L.P.

EXHIBIT 

Exhibit 1

SM Energy Company
Building 7, Suite 200
3300 North A Street
Midland, Texas 79707

Mewbourne Oil Company
Suite 1020
500 West Texas
Midland, Texas 79701

Endurance Resources LLC
Suite 600
15455 Dallas Parkway
Addison, Texas 75234