

ABOVE THIS LINE FOR DIVISION USE ONLY

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



**ADMINISTRATIVE APPLICATION CHECKLIST**

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 Please see C-102 showing correct entry point

[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

[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.**

Toya Colvin

Print or Type Name

Toya Colvin  
 Signature

Regulatory Analyst

Title

1/20/2016

Date

Toya.Colvin@bp.com  
 e-mail Address

- NSL 7386  
 - BP American Production  
 - Company 778  
 2016 JAN 21 P 12:55  
 RECEIVED OGD  
 Well  
 - AL Elliott D 10  
 Well # 14  
 LAT 2  
 30-045-35721  
 Pool  
 - Basin



**BP America Production Company**

Toya Colvin  
Regulatory Analyst  
737 North Eldridge Pkwy, 12.181A  
Houston, Texas 77079  
281-366-7148

January 20, 2016

CERTIFIED MAIL:  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, NM 87505

RE: Application for Administrative Approval for Non-Standard Location  
A L Elliott D 10 #1H  
API 30-045-35721  
Surface 985' FSL and 55' FEL Section 11-T29N-R09W Unit P  
Bottom Hole 1276' FSL and 710' FWL Section 10-T29N-R09W Unit M  
San Juan County, New Mexico  
Basin Fruitland Coal Formation (71629)

Dear Sir or Madam,

BP America respectfully requests administrative approval for a non-standard location for the above referenced well. Attached for your reference are the following exhibits:

1. Administrative Application Checklist
2. Well Location Plat ( C-102)
3. List of Offset Operators

BP America Production Company would like to drill a horizontal well in the Cottonwood Coal and Cahn Coal formations, which is within the Basin Fruitland Coal Pool (71629) in a project area of a 320 acre unit.

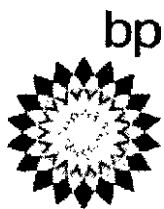
The rules state that the well should have setbacks of 660 feet of the quarter section lines. This well is a multi-lateral horizontal well and based on the well design Lateral 2 will be unorthodox. It is anticipated that Lateral 2 of the well bore will penetrate the projected Fruitland Coal horizon at 185' feet from the drilling unit boundary of the east lease line of Section 11-T29N-R09W. Since the entry point of this horizon does not meet the required 660' setback for a Fruitland Coal well, BP America Production Company, as Operator of this well and as requested by the NMOCD Aztec office, must apply for an exception to this set back rule as it applies to the entry point of the Fruitland Coal horizon.

BP, Energen Resources Corp., and SG Interests III Ltd. are the offset operators for this location. Energen Resources and SG Interests have been notified by certified mail of this NSL application. If you need any additional information, please feel free to contact me at 281-366-7148, or Chris Sandoz our Regulatory Engineer at [Christopher.Sandoz@bp.com](mailto:Christopher.Sandoz@bp.com)  
BLM notified via 3160-5 form for Federal Lease NMSF078132

Sincerely,

A handwritten signature in black ink, appearing to read "Toya Colvin".

Toya Colvin-Regulatory Analyst



BP America Production Co.  
Lower 48 Onshore

Craig T. Ferguson  
craig.ferguson@bp.com  
281-366-1988 (direct)

E3, 12.173B  
737 N. Eldridge Parkway  
Houston, Texas 77079

January 6, 2016

Ms. Toya Colvin – Regulatory Analyst  
BP America Production Company  
737 N. Eldridge Parkway  
Houston, TX 77079

RE: AL Elliot D 10-1H (API 30-045-35721) – Non-Standard Location  
Surface Location: 985' FSL 55' FEL Section 11-T29N-R09W

Ms. Colvin:

As you know, the above captioned horizontal Fruitland Coal well is planned to be drilled sometime in 2016. It is anticipated that the well bore will penetrate the projected Fruitland Coal horizon at 185' feet from the east lease line of Section 11-T29N-R09W. Since the entry point of this horizon does not meet the required 660' setback for a Fruitland Coal well, BP America Production Company, as Operator of this well, must apply for an exception to this set back rule as it applies to the entry point of the Fruitland Coal horizon. Below, I have provided you with the names and addresses of the off-set owner/operator that need to be notified of this lease line exception request.

East Offset (W/2 Section 12-T29N-R09W):

WI Owners - BP America Production Company  
737 N. Eldridge Parkway  
Houston, TX 77079

Energen Resources Corp.  
605 Richard Arrington Jr. Blvd. North  
Birmingham, AL 35203

SG Interests III Ltd.  
131 Lamar, Ste. 501  
Houston, TX 77010

(Note: USA is the mineral owner S/2 Sec. 11 and W/2 Sec 12-T29N-R09W, SF 078132)

I believe this letter should satisfy your offset information request. Please contact me at 281-366-1988 if you have any questions concerning this topic.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Craig T. Ferguson', followed by a horizontal line.

Craig T. Ferguson  
Land Negotiator  
San Juan Asset

**District I**  
1625 N French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

**District III**  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

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 August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number		<sup>2</sup> Pool Code 71629	<sup>3</sup> Pool Name Basin Fruitland Coal
<sup>4</sup> Property Code 000462	<sup>5</sup> Property Name AL Elliott D 10		<sup>6</sup> Well Number 1H Lat 2
<sup>7</sup> OGRID No. 000778	<sup>8</sup> Operator Name BP America Production Company		<sup>9</sup> Elevation 5998

**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
P	11	29N	09W		985	South	55	East	San Juan

**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
M	11	29N	09W		1276	South	710	West	San Juan

<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

**LEGEND**  
FOUND MONUMENT O  
PROPOSED SURFACE HOLE LOCATION ●  
PROPOSED BOTTOM HOLE LOCATION X

**SECTION 11,  
TOWNSHIP 29N,  
RANGE 09W,  
N.M.P.M.**

**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: *Toya Colvin* Date: 1/15/16

**Toya Colvin**  
Printed Name

**Toya.Colvin@bp.com**  
E-mail Address

**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.

Date of Survey: 7-29-15

Signature and Seal of Professional Surveyor: *Marshall W. Linden*

**17078**  
Certificate Number

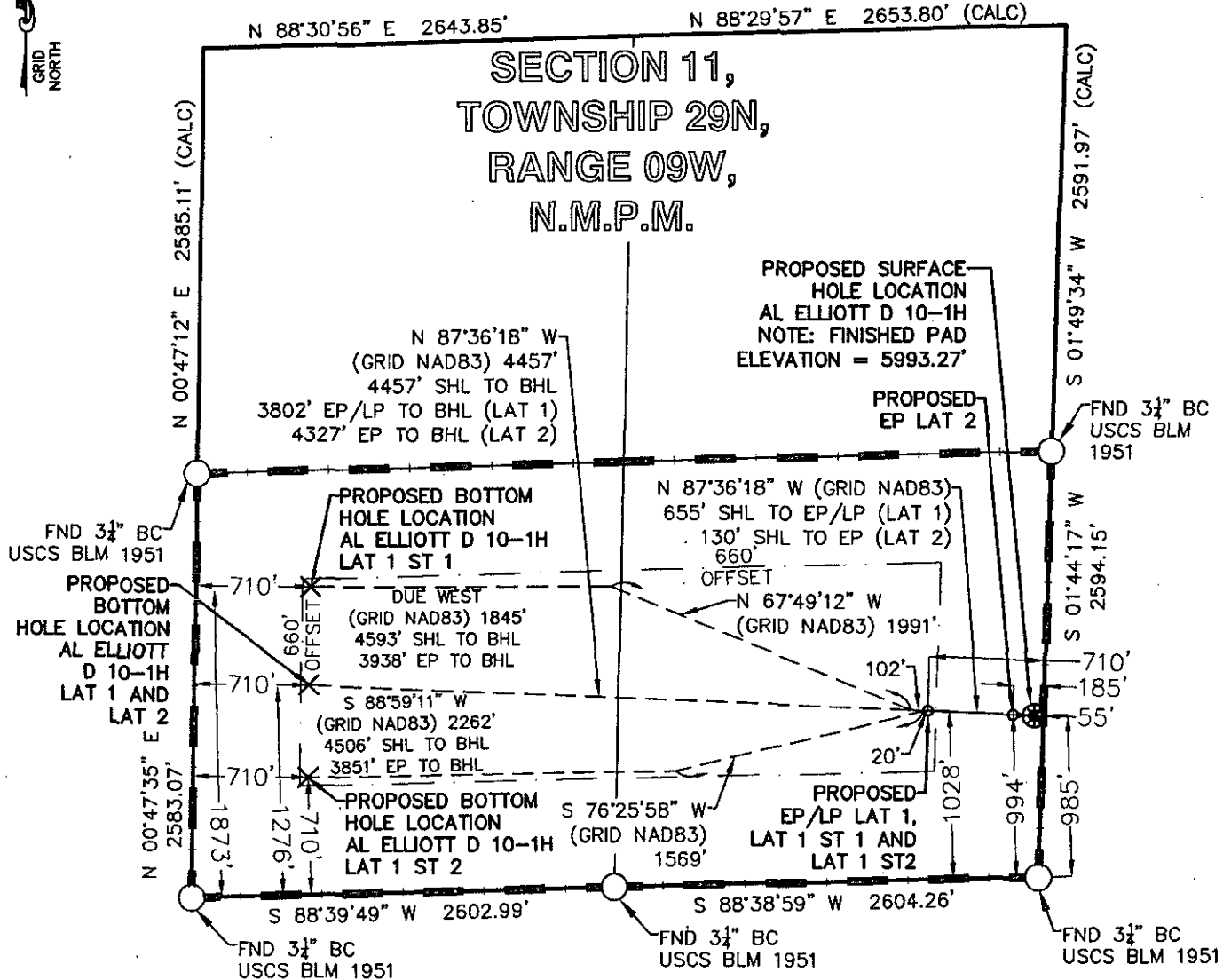
**MARSHALL W. LINDEN**  
NEW MEXICO  
17078  
1-14-16  
PROFESSIONAL SURVEYOR

AL ELLIOTT D 10-1H	NMWS NAD'83	NAD'83	TIES
PROPOSED SURFACE HOLE LOCATION (SHL)	N (Y) = 2,086,893.45' E (X) = 2,750,549.82'	LAT. = 36.73506380°N LON. = 107.73962531°W	FSL = 985' FEL = 55'
PROPOSED ENTRY POINT (EP/LANDING POINT (LP) LAT 1, LAT 1 ST 1, AND LAT 1 ST 2	N (Y) = 2,086,892.82' E (X) = 2,749,895.44'	LAT. = 36.73514072°N LON. = 107.74185846°W	FSL = 1028' FEL = 710'
PROPOSED ENTRY POINT (EP) LAT 2	N (Y) = 2,086,898.90' E (X) = 2,750,419.52'	LAT. = 36.73507912°N LON. = 107.74006997°W	FSL = 994' FEL = 185'
PROPOSED BOTTOM HOLE LOCATION (BHL) LAT 1	N (Y) = 2,087,079.70' E (X) = 2,748,096.84'	LAT. = 36.73558640°N LON. = 107.75482171°W	FSL = 1276' FWL = 710'
PROPOSED BOTTOM HOLE LOCATION (BHL) LAT 1 ST 1	N (Y) = 2,087,076.76' E (X) = 2,746,105.11'	LAT. = 36.73722641°N LON. = 107.75479182°W	FSL = 1873' FWL = 710'
PROPOSED BOTTOM HOLE LOCATION (BHL) LAT 1 ST 2	N (Y) = 2,086,513.52' E (X) = 2,746,089.01'	LAT. = 36.73403120°N LON. = 107.75485002°W	FSL = 710' FWL = 710'
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0 500 1000 2000  
GRAPHIC SCALE IN FEET

**LEGEND**

FOUND MONUMENT O  
PROPOSED SURFACE HOLE LOCATION \*  
PROPOSED BOTTOM HOLE LOCATION x



AL ELLIOTT D 10-1H	NMWS NAD'83	NAD'83	TIES
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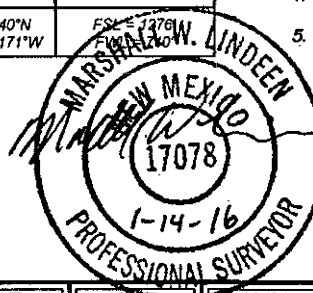
**SURVEYOR'S CERTIFICATE**

I, MARSHALL LINDEEN, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF NEW MEXICO, DO 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.

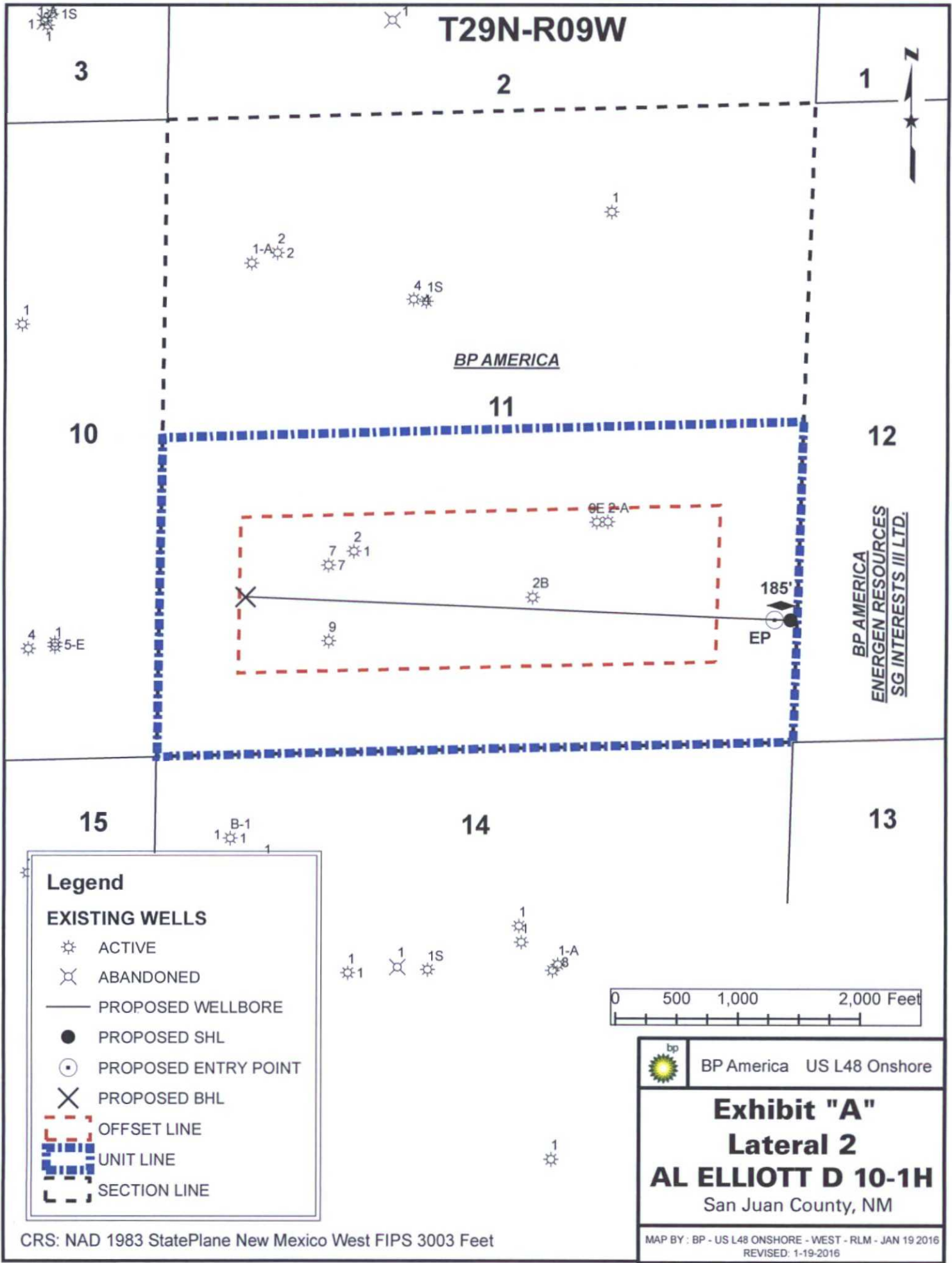
DRAWN BY: CFWR/RLM  
CHECKED BY: MYL  
SCALE: 1"=1000'  
DATE: 01/13/2016  
SHEET: 1 OF 1  
REVISION:

**SURVEY NOTES**

1. BEARING BASIS FOR THIS SURVEY IS BASED ON THE NORTH AMERICAN DATUM OF 1983, NEW MEXICO STATE PLANE COORDINATE SYSTEM, NEW MEXICO WEST, ZONE 3003.
2. ELEVATION BASIS FOR THIS SURVEY IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (GEOID12A).
3. SURVEYED IN THE FIELD ON 07/09/2015.
4. BEARINGS AND DISTANCE SHOWN ARE MEASURED IN THE FIELD UNLESS OTHERWISE NOTED.
5. ALL MEASURED DISTANCES SHOWN ARE GRID USING A COMBINED SCALE FACTOR 0.99963976.



	BP AMERICA PRODUCTION COMPANY US LOWER 48 ONSHORE
	WELL LOCATION PLAT
AL ELLIOTT D 10-1H PART OF SECTION 11, TOWNSHIP 29N, RANGE 09W, N.M.P.M. SAN JUAN COUNTY, NEW MEXICO	







Company: B.P.  
Project: San Juan County, NM NAD83  
Site: AL Elliot  
Well: AL Elliot D 10-1H  
Wellbore: Lateral 2  
Design: Plan #1

PROJECT DETAILS: San Juan County, NM NAD83

Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: New Mexico Western Zone  
System Datum: Mean Sea Level  
Local North: Grid



Azimuths to Grid North  
True North: -0.06°  
Magnetic North: 9.39°

Magnetic Field  
Strength: 50240.8nT  
Dip Angle: 63.36°  
Date: 7/27/2015  
Model: IGRF2015

WELL DETAILS: AL Elliot D 10-1H

GL 5993 & RKB 11' @ 6004.00ft (Aztec 507)

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	2086893.45	2750549.82	36.7350638	-107.7396253

Plan: Plan #1 (AL Elliot D 10-1H/Lateral 2)

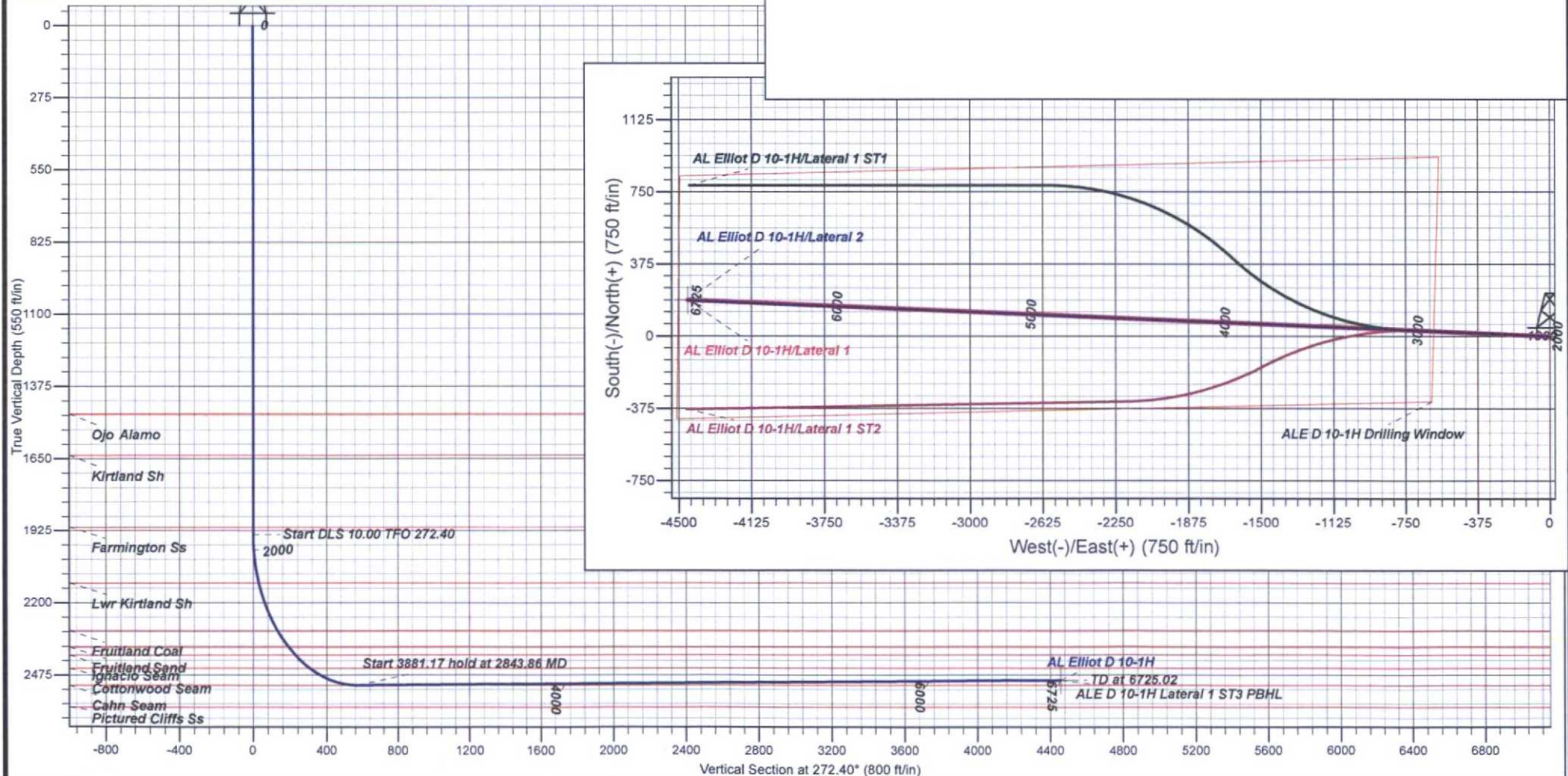
Created By: Janie Collins Date: 17:21, August 17 2015

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
ALE D 10-1H Lateral 1 ST3 PBHL	2495.00	186.25	-4452.99	2087079.70	2746096.84	36.7355864	-107.7548217

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VFace	Target	Annotation
1941.05	0.00	0.00	1941.05	0.00	0.00	0.00	0.00	0.00		
2843.86	90.28	272.40	2514.00	24.06	-575.26	10.00	272.40	575.76		
6725.02	90.28	272.40	2495.00	186.25	-4452.99	0.00	0.00	4456.00	ALE D 10-1H Lateral 1 ST3 PBHL	





**B.P.**

San Juan County, NM NAD83

AL Elliot

AL Elliot D 10-1H

Lateral 2

Plan: Plan #1

## Standard Planning Report

17 August, 2015



[www.scientificdrilling.com](http://www.scientificdrilling.com)





Database:	Grand Junction District	Local Co-ordinate Reference:	Well AL Elliot D 10-1H
Company:	B.P.	TVD Reference:	GL 5993 & RKB 11' @ 6004.00ft (Aztec 507)
Project:	San Juan County, NM NAD83	MD Reference:	GL 5993 & RKB 11' @ 6004.00ft (Aztec 507)
Site:	AL Elliot	North Reference:	Grid
Well:	AL Elliot D 10-1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral 2		
Design:	Plan #1		

Project	San Juan County, NM NAD83		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Western Zone		

Site	AL Elliot				
Site Position:		Northing:	2,086,968.49 usft	Latitude:	36.7352831
From:	Map	Easting:	2,745,086.37 usft	Longitude:	-107.7582706
Position Uncertainty:	0.00 ft	Slot Radius:	13.200 in	Grid Convergence:	0.04 °

Well	AL Elliot D 10-1H					
Well Position	+N/-S	-75.04 ft	Northing:	2,086,893.45 usft	Latitude:	36.7350638
	+E/-W	5,463.46 ft	Easting:	2,750,549.82 usft	Longitude:	-107.7396253
Position Uncertainty		0.00 ft	Wellhead Elevation:	0.00 ft	Ground Level:	5,993.00 ft

Wellbore	Lateral 2				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	7/27/2015	9.44	63.36	50,241

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	1,941.05
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	272.40

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
1,941.05	0.00	0.00	1,941.05	0.00	0.00	0.00	0.00	0.00	0.00	
2,843.86	90.28	272.40	2,514.00	24.06	-575.26	10.00	10.00	-9.70	272.40	
6,725.02	90.28	272.40	2,495.00	186.25	-4,452.99	0.00	0.00	0.00	0.00	ALE D 10-1H Lateral



Database:	Grand Junction District	Local Co-ordinate Reference:	Well AL Elliot D 10-1H
Company:	B.P.	TVD Reference:	GL 5993 & RKB 11' @ 6004.00ft (Aztec 507)
Project:	San Juan County, NM NAD83	MD Reference:	GL 5993 & RKB 11' @ 6004.00ft (Aztec 507)
Site:	AL Elliot	North Reference:	Grid
Well:	AL Elliot D 10-1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral 2		
Design:	Plan #1		

## Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,941.05	0.00	0.00	1,941.05	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	5.90	272.40	1,999.90	0.13	-3.03	3.03	10.00	10.00	0.00
2,100.00	15.90	272.40	2,097.97	0.92	-21.89	21.91	10.00	10.00	0.00
2,126.69	18.56	272.40	2,123.46	1.25	-29.79	29.81	10.00	10.00	0.00
<b>Lwr Kirtland Sh</b>									
2,200.00	25.90	272.40	2,191.27	2.40	-57.48	57.53	10.00	10.00	0.00
2,300.00	35.90	272.40	2,276.98	4.55	-108.71	108.81	10.00	10.00	0.00
2,335.26	39.42	272.40	2,304.89	5.45	-130.23	130.35	10.00	10.00	0.00
<b>Fruitland Coal</b>									
2,400.00	45.90	272.40	2,352.47	7.28	-174.04	174.19	10.00	10.00	0.00
2,422.16	48.11	272.40	2,367.58	7.96	-190.23	190.40	10.00	10.00	0.00
<b>Fruitland Sand</b>									
2,470.03	52.90	272.40	2,398.02	9.50	-227.13	227.33	10.00	10.00	0.00
<b>Ignacio Seam</b>									
2,500.00	55.90	272.40	2,415.47	10.52	-251.47	251.69	10.00	10.00	0.00
2,563.63	62.26	272.40	2,448.15	12.80	-305.98	306.25	10.00	10.00	0.00
<b>Cottonwood Seam</b>									
2,600.00	65.90	272.40	2,464.05	14.16	-338.66	338.96	10.00	10.00	0.00
2,700.00	75.90	272.40	2,496.73	18.11	-432.95	433.33	10.00	10.00	0.00
2,800.00	85.90	272.40	2,512.54	22.23	-531.48	531.94	10.00	10.00	0.00
2,808.80	86.78	272.40	2,513.10	22.60	-540.25	540.72	10.00	10.00	0.00
<b>Cahn Seam</b>									
2,843.86	90.28	272.40	2,514.00	24.06	-575.26	575.76	10.00	10.00	0.00
2,900.00	90.28	272.40	2,513.73	26.41	-631.36	631.91	0.00	0.00	0.00
3,000.00	90.28	272.40	2,513.24	30.59	-731.27	731.91	0.00	0.00	0.00
3,100.00	90.28	272.40	2,512.75	34.76	-831.18	831.90	0.00	0.00	0.00
3,200.00	90.28	272.40	2,512.26	38.94	-931.09	931.90	0.00	0.00	0.00
3,300.00	90.28	272.40	2,511.77	43.12	-1,031.00	1,031.90	0.00	0.00	0.00
3,400.00	90.28	272.40	2,511.28	47.30	-1,130.91	1,131.90	0.00	0.00	0.00
3,500.00	90.28	272.40	2,510.79	51.48	-1,230.82	1,231.90	0.00	0.00	0.00
3,600.00	90.28	272.40	2,510.30	55.66	-1,330.74	1,331.90	0.00	0.00	0.00
3,700.00	90.28	272.40	2,509.81	59.84	-1,430.65	1,431.90	0.00	0.00	0.00
3,800.00	90.28	272.40	2,509.32	64.02	-1,530.56	1,531.90	0.00	0.00	0.00
3,900.00	90.28	272.40	2,508.83	68.20	-1,630.47	1,631.90	0.00	0.00	0.00
4,000.00	90.28	272.40	2,508.34	72.37	-1,730.38	1,731.89	0.00	0.00	0.00
4,100.00	90.28	272.40	2,507.85	76.55	-1,830.29	1,831.89	0.00	0.00	0.00
4,200.00	90.28	272.40	2,507.36	80.73	-1,930.20	1,931.89	0.00	0.00	0.00
4,300.00	90.28	272.40	2,506.87	84.91	-2,030.12	2,031.89	0.00	0.00	0.00
4,400.00	90.28	272.40	2,506.38	89.09	-2,130.03	2,131.89	0.00	0.00	0.00
4,500.00	90.28	272.40	2,505.89	93.27	-2,229.94	2,231.89	0.00	0.00	0.00
4,600.00	90.28	272.40	2,505.40	97.45	-2,329.85	2,331.89	0.00	0.00	0.00
4,700.00	90.28	272.40	2,504.91	101.63	-2,429.76	2,431.89	0.00	0.00	0.00
4,800.00	90.28	272.40	2,504.42	105.81	-2,529.67	2,531.88	0.00	0.00	0.00
4,900.00	90.28	272.40	2,503.93	109.98	-2,629.58	2,631.88	0.00	0.00	0.00
5,000.00	90.28	272.40	2,503.45	114.16	-2,729.50	2,731.88	0.00	0.00	0.00
5,100.00	90.28	272.40	2,502.96	118.34	-2,829.41	2,831.88	0.00	0.00	0.00
5,200.00	90.28	272.40	2,502.47	122.52	-2,929.32	2,931.88	0.00	0.00	0.00
5,300.00	90.28	272.40	2,501.98	126.70	-3,029.23	3,031.88	0.00	0.00	0.00
5,400.00	90.28	272.40	2,501.49	130.88	-3,129.14	3,131.88	0.00	0.00	0.00
5,500.00	90.28	272.40	2,501.00	135.06	-3,229.05	3,231.88	0.00	0.00	0.00
5,600.00	90.28	272.40	2,500.51	139.24	-3,328.96	3,331.87	0.00	0.00	0.00
5,700.00	90.28	272.40	2,500.02	143.42	-3,428.88	3,431.87	0.00	0.00	0.00
5,800.00	90.28	272.40	2,499.53	147.59	-3,528.79	3,531.87	0.00	0.00	0.00



Database:	Grand Junction District	Local Co-ordinate Reference:	Well AL Elliot D 10-1H
Company:	B.P.	TVD Reference:	GL 5993 & RKB 11' @ 6004.00ft (Aztec 507)
Project:	San Juan County, NM NAD83	MD Reference:	GL 5993 & RKB 11' @ 6004.00ft (Aztec 507)
Site:	AL Elliot	North Reference:	Grid
Well:	AL Elliot D 10-1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral 2		
Design:	Plan #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,900.00	90.28	272.40	2,499.04	151.77	-3,628.70	3,631.87	0.00	0.00	0.00
6,000.00	90.28	272.40	2,498.55	155.95	-3,728.61	3,731.87	0.00	0.00	0.00
6,100.00	90.28	272.40	2,498.06	160.13	-3,828.52	3,831.87	0.00	0.00	0.00
6,200.00	90.28	272.40	2,497.57	164.31	-3,928.43	3,931.87	0.00	0.00	0.00
6,300.00	90.28	272.40	2,497.08	168.49	-4,028.34	4,031.87	0.00	0.00	0.00
6,400.00	90.28	272.40	2,496.59	172.67	-4,128.26	4,131.87	0.00	0.00	0.00
6,500.00	90.28	272.40	2,496.10	176.85	-4,228.17	4,231.86	0.00	0.00	0.00
6,600.00	90.28	272.40	2,495.61	181.03	-4,328.08	4,331.86	0.00	0.00	0.00
6,700.00	90.28	272.40	2,495.12	185.20	-4,427.99	4,431.86	0.00	0.00	0.00
6,725.02	90.28	272.40	2,495.00	186.25	-4,452.99	4,456.88	0.00	0.00	0.00
ALE D 10-1H Lateral 1 ST3 PBHL									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
ALE D 10-1H Lateral 1 E	0.00	0.00	2,495.00	186.25	-4,452.99	2,087,079.70	2,746,096.84	36.7355864	-107.7548218
- plan hits target center									
- Point									

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
1,479.00	1,479.00	Ojo Alamo		0.00	0.00	
1,637.00	1,637.00	Kirtland Sh		0.00	0.00	
1,910.00	1,910.00	Farmington Ss		0.00	0.00	
2,126.69	2,123.46	Lwr Kirtland Sh		0.00	0.00	
2,335.26	2,304.89	Fruitland Coal		0.00	0.00	
2,422.16	2,367.58	Fruitland Sand		0.00	0.00	
2,470.03	2,398.02	Ignacio Seam		0.00	0.00	
2,563.63	2,448.15	Cottonwood Seam		0.00	0.00	
2,808.80	2,513.10	Cahn Seam		0.00	0.00	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**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.  
NMSF078132

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
BP America Production Company

3a. Address  
737 North Eldridge Parkway, 12.181A  
Houston, TX 77079

3b. Phone No. (include area code)  
281-366-7148

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

8. Well Name and No.  
A L Elliott D 10 #1H

9. API Well No.  
30-045-35721

10. Field and Pool or Exploratory Area  
Basin Fruitland Coal

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

Sec. 11 T29N R09W SESE 1104FSL 204FEL

11. County or Parish, State  
San Juan, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Non Standard
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Location
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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.)

BP America Production Company received an approved APD for the subject well in the Basin Fruitland Coal formation from the BLM 12/02/2015. The rules state that the well should have setbacks of 660 feet off the quarter section lines. Due to the directional drill of Lateral 2 of the subject well, the existing location will not conform to the required setback footages. As required by the NMOC D Aztec office, BP has applied for a Non Standard Location for Lateral 2 of the subject well. Please see the attached documents including an updated C-102 showing the correct entry point of our productive zone.

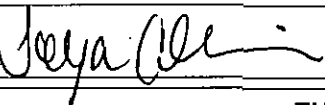
NMOC D Santa Fe notified with full application of the NSL 01/20/2016.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Toya Colvin

Title Regulatory Analyst

Signature



Date 01/20/2015

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

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

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)

OFFSET OPERATORS AND OWNERS FOR A L Elliott D 10 #1H

BP America Production Co.  
737 North Eldridge Parkway  
Houston, TX 77079

Energen Resources Corp.  
605 Richard Arrington Jr. Blvd. North  
Birmingham, AL 35203

SG Interests III Ltd.  
131 Lamar , Ste. 501  
Houston, TX 77010



BP America Production Company

Toya Colvin  
Regulatory Analyst  
737 North Eldridge Parkway, 12.181A  
Houston, Texas 77079  
281-366-7148

January 20, 2016

CERTIFIED MAIL:

Energen Resources Corp.  
605 Richard Arrington Jr. Blvd. North  
Birmingham, AL 35203

RE: Application for Administrative Approval for Non-Standard Location  
A L Elliott D 10 #1H  
API 30-045-35721  
Surface 985' FSL and 55' FEL Section 11-T29N-R09W  
Bottom Hole 1276' FSL and 710' FWL Section 11-T29N-R09W  
San Juan County, New Mexico  
Basin Fruitland Coal Formation (71629)

Dear Sir or Madam,

Enclosed please find a copy of the above captioned application that has been sent to the NMOCD for administrative approval. Should you not agree with this request, please notify the NMOCD within 20 days of the date of this application. Should you have any questions, concerning the operations, please feel free to contact our Land Negotiator Craig Ferguson at 281-366-1988.

Sincerely,

A handwritten signature in black ink, appearing to read "Toya Colvin".

Toya Colvin  
Regulatory Analyst





**BP America Production Company**

Toya Colvin  
Regulatory Analyst  
737 North Eldridge Parkway, 12.181A  
Houston, Texas 77079  
281-366-7148

January 20, 2016

CERTIFIED MAIL:  
SG Interests III Ltd.  
131 Lamar, Ste. 501  
Houston, TX 77010

RE: Application for Administrative Approval for Non-Standard Location  
A L Elliott D 10 #1H  
API 30-045-35721  
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Sincerely,

A handwritten signature in black ink, appearing to read "Toya Colvin".

Toya Colvin  
Regulatory Analyst

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

## 1. Article Addressed to:

Bureau of Land Management  
6251 College Blvd. Suite A  
Farmington, NM 87402

2. Article Number  
(Transfer from serv)

7008 1140 0001 9414 9696

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

X

☐ Agent☐ Addressee

## B. Received by (Printed Name)

## C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

## 3. Service Type

☒ Certified Mail®☐ Priority Mail Express™☐ Registered☒ Return Receipt for Merchandise☐ Insured Mail☐ Collect on Delivery

## 4. Restricted Delivery? (Extra Fee)

☐ Yes

PS Form 3811, July 2013

Domestic Return Receipt

7008 1140 0001 9414 9696  
7008 1140 0001 9414 9696U.S. Postal Service™  
**CERTIFIED MAIL™ RECEIPT**  
(Domestic Mail Only; No Insurance Coverage Provided)For delivery information visit our website at [www.usps.com](http://www.usps.com)**OFFICIAL USE**

Postage \$

Certified Fee

Return Receipt Fee  
(Endorsement Required)Restricted Delivery Fee  
(Endorsement Required)

Total Postage &amp; Fees \$

Postmark  
Here

Sent To

Street, Apt. No.,  
or PO Box No.

City, State, ZIP+4

Bureau of Land Management  
6251 College Blvd. Suite A  
Farmington, NM 87402

PS Form 3800, Au

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

SC Interests III Ltd.  
131 Lamar, Ste 501  
Houston, TX 77010

2. Article Number

(Transfer from service label)

7008 1140 0001 9414 9689

PS Form 3811, July 2013

Domestic Return Receipt

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

X

☐ Agent

☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below: ☐ No

3. Service Type

☒ Certified Mail®

☐ Priority Mail Express™

☐ Registered

☒ Return Receipt for Merchandise

☐ Insured Mail

☐ Collect on Delivery

4. Restricted Delivery? (Extra Fee)

☐ Yes

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT  
OF THE RETURN ADDRESS, FOLD AT DOTTED LINE  
**CERTIFIED MAIL™**

7008 1140 0001 9414 9689  
7008 1140 0001 9414 9689

**U.S. Postal Service™**

**CERTIFIED MAIL™ RECEIPT**

(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage

\$

Certified Fee

Return Receipt Fee  
(Endorsement Required)

Restricted Delivery Fee  
(Endorsement Required)

Total Postage & Fees

\$

Postmark  
Here

Sent To

SC Interests III Ltd.

Street, Apt. No.,  
or PO Box No.

131 Lamar, Ste. 501

City, State, ZIP+4

Houston, TX 77010

PS Form 3800, August 2006

See Reverse for Instructions

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Energen Resources Corp.  
 4005 Richard Arrington Jr. Blvd.  
 Birmingham, AL 35203

2. Article Number  
(Transfer from)

7008 1140 0001 9414 9672

PS Form 3811, July 2013

Domestic Return Receipt

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ YesIf YES, enter delivery address below: ☐ No

3. Service Type

☒ Certified Mail®☐ Priority Mail Express™☐ Registered☒ Return Receipt for Merchandise☐ Insured Mail☐ Collect on Delivery

4. Restricted Delivery? (Extra Fee)

☐ Yes

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT  
 OF THE RETURN ADDRESS FOLD AT DOTTED LINE  
**CERTIFIED MAIL™**

7008 1140 0001 9414 9672

7008 1140 0001 9414 9672

U.S. Postal Service™

**CERTIFIED MAIL™ RECEIPT**

(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)**OFFICIAL USE**

Postage \$

Certified Fee

Return Receipt Fee  
(Endorsement Required)Restricted Delivery Fee  
(Endorsement Required)

Total Postage &amp; Fees \$

Postmark  
Here

Sent To

Energen Resources Corp.

Street, Apt. No.:

4005 Richard Arrington Jr. Blvd. North

City, State, ZIP+4

Birmingham, AL 35203

PS Form 3800, August 2006

See Reverse for Instructions

## McMillan, Michael, EMNRD

---

**From:** Colvin, Toya <Toya.Colvin@bp.com>  
**Sent:** Wednesday, February 17, 2016 11:15 AM  
**To:** McMillan, Michael, EMNRD  
**Subject:** A L Elliott D 10 #1H- NSL for Lateral 2

Hello Michael,

I received your voicemail and please note:

We chose the "Entry Point" of 185' from the East Line of Lateral 2 in the A L Elliott D 10 #1H well as this was the best location for entry into the Fruitland Coal formation in our directional drilling plan for this well.

Thank You,

Toya Colvin

***Toya Colvin***  
Regulatory Analyst  
BP America Production Company  
*Lower 48 - San Juan South*  
737 N Eldridge Pkwy, 12.181A  
(281) 366-7148

*This email and any attachments are intended only for the addressee(s) listed above and may contain confidential, proprietary, and/or privileged information. If you are not an intended recipient, please immediately advise the sender by return email, delete this email and any attachments, and destroy any copies of same. Any unauthorized review, use, copying disclosure or distribution of this email and any attachments is prohibited.*