

SEP 21 2015

Form C-102

Revised August 1, 2011

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (505) 393-6161 Fax: (505) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone: (505) 748-1283 Fax: (505) 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

RECEIVED

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-024-42796		<sup>2</sup> Property Name SD EA 18 FED P6		<sup>3</sup> Pool Name WC-024 500 5263319P; BS	
<sup>4</sup> Property Code 315269		<sup>5</sup> Operator Name CHEVRON U.S.A. INC.		<sup>6</sup> Well Number 6H	
<sup>7</sup> OGRID No. 4323				<sup>8</sup> Elevation 3204'	

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	19	26 SOUTH	33 EAST, N.M.P.M.		247'	NORTH	1763'	EAST	LEA

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	18	26 SOUTH	33 EAST, N.M.P.M.		180'	NORTH	1655'	EAST	LEA

<sup>12</sup> Dedicated Acres 160	<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.

<sup>16</sup> <table border="1"> <caption>PROPOSED BOTTOM HOLE LOCATION</caption> <tr> <td>X=</td><td>724,820</td><td>NAD 27</td></tr> <tr> <td>Y=</td><td>382,731</td><td></td></tr> <tr> <td>LAT.</td><td>32.050166</td><td></td></tr> <tr> <td>LONG.</td><td>103.607709</td><td></td></tr> <tr> <td>X=</td><td>766,007</td><td>NAD83</td></tr> <tr> <td>Y=</td><td>382,788</td><td></td></tr> <tr> <td>LAT.</td><td>32.050291</td><td></td></tr> <tr> <td>LONG.</td><td>103.608178</td><td></td></tr> </table> <table border="1"> <caption>SD EA 18 FED P6 NO. 6H WELL</caption> <tr> <td>X=</td><td>724,752</td><td>NAD 27</td></tr> <tr> <td>Y=</td><td>377,383</td><td></td></tr> <tr> <td>LAT.</td><td>32.035465</td><td></td></tr> <tr> <td>LONG.</td><td>103.608044</td><td></td></tr> <tr> <td>X=</td><td>765,939</td><td>NAD83</td></tr> <tr> <td>Y=</td><td>377,440</td><td></td></tr> <tr> <td>LAT.</td><td>32.035590</td><td></td></tr> <tr> <td>LONG.</td><td>103.608512</td><td></td></tr> <tr> <td colspan="3">ELEVATION - 3204' NAVD 88</td></tr> </table> <p>CORNER COORDINATES TABLE (NAD 27)</p> <p>A - Y=382903.80, X=723843.81 B - Y=382913.68, X=725158.52 C - Y=377622.81, X=723880.19 D - Y=377632.53, X=725196.60 E - Y=376303.00, X=723889.23 F - Y=376312.90, X=725206.17</p>	X=	724,820	NAD 27	Y=	382,731		LAT.	32.050166		LONG.	103.607709		X=	766,007	NAD83	Y=	382,788		LAT.	32.050291		LONG.	103.608178		X=	724,752	NAD 27	Y=	377,383		LAT.	32.035465		LONG.	103.608044		X=	765,939	NAD83	Y=	377,440		LAT.	32.035590		LONG.	103.608512		ELEVATION - 3204' NAVD 88					<sup>17</sup> OPERATOR CERTIFICATION <p>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 leased 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.</p> <p>Signature: <i>Cindy Herrera-Munillo</i> Date: 5-21-15  Printed Name: Cindy Herrera-Munillo  E-mail Address: Cherreramunillo@chevron.com</p>
	X=	724,820	NAD 27																																																			
Y=	382,731																																																					
LAT.	32.050166																																																					
LONG.	103.607709																																																					
X=	766,007	NAD83																																																				
Y=	382,788																																																					
LAT.	32.050291																																																					
LONG.	103.608178																																																					
X=	724,752	NAD 27																																																				
Y=	377,383																																																					
LAT.	32.035465																																																					
LONG.	103.608044																																																					
X=	765,939	NAD83																																																				
Y=	377,440																																																					
LAT.	32.035590																																																					
LONG.	103.608512																																																					
ELEVATION - 3204' NAVD 88																																																						
	<sup>18</sup> SURVEYOR CERTIFICATION <p>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.</p> <p>Date of Survey: <i>April 9, 2015</i>  Signature and Seal of Professional Surveyor: <i>[Signature]</i>  Certificate Number: <i>#15078</i></p>																																																					

SEP 23 2015

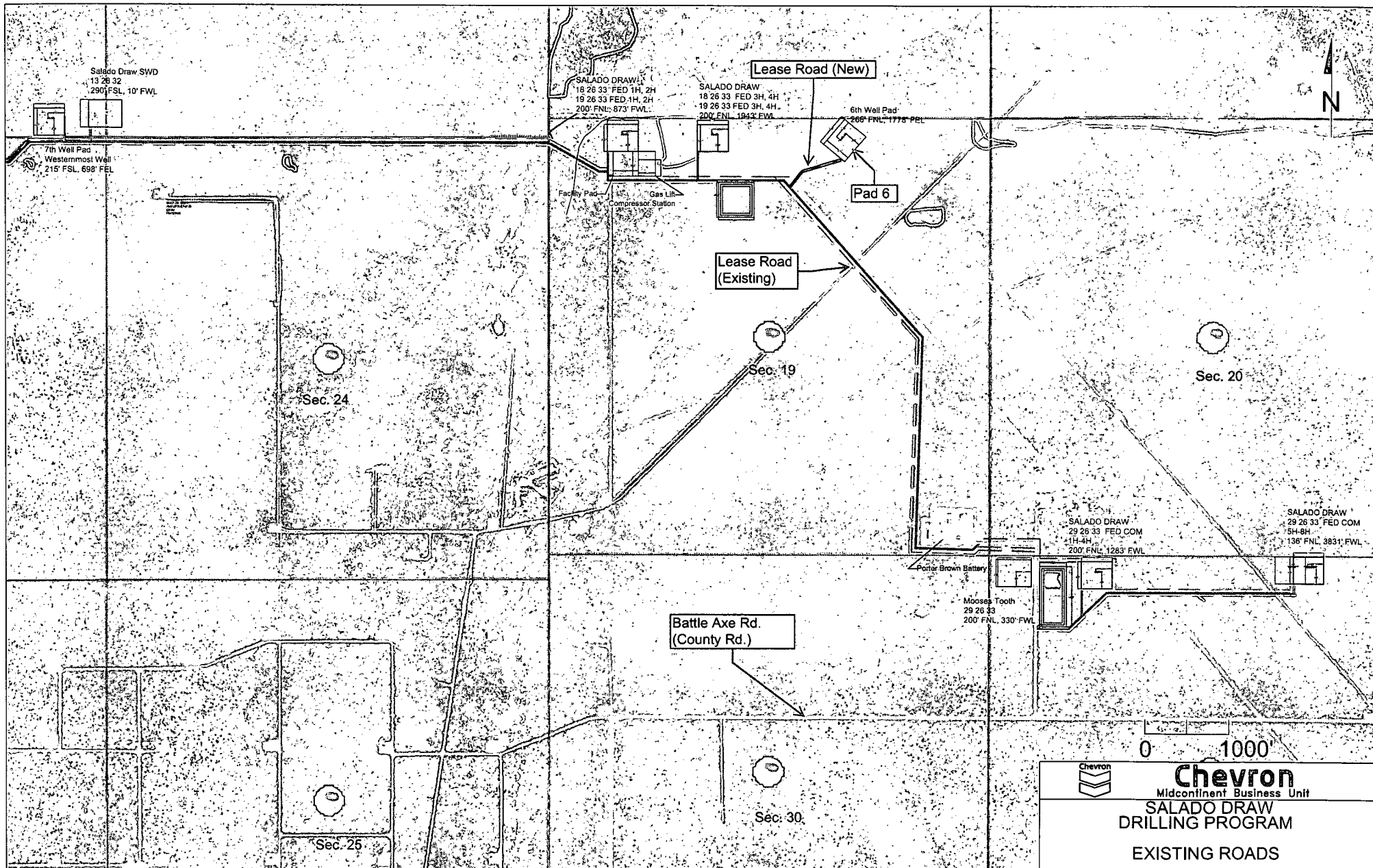


Exhibit 1

# Exhibit 2

## NOTE:

Please be advised, that while reasonable efforts are made to locate and verify pipelines and anomalies using our standard pipeline locating equipment, it is impossible to be 100 % effective. As such, we advise using caution when performing work as there is a possibility that pipelines and other hazards, such as fiber optic cables, PVC pipelines, etc. may exist undetected on site.

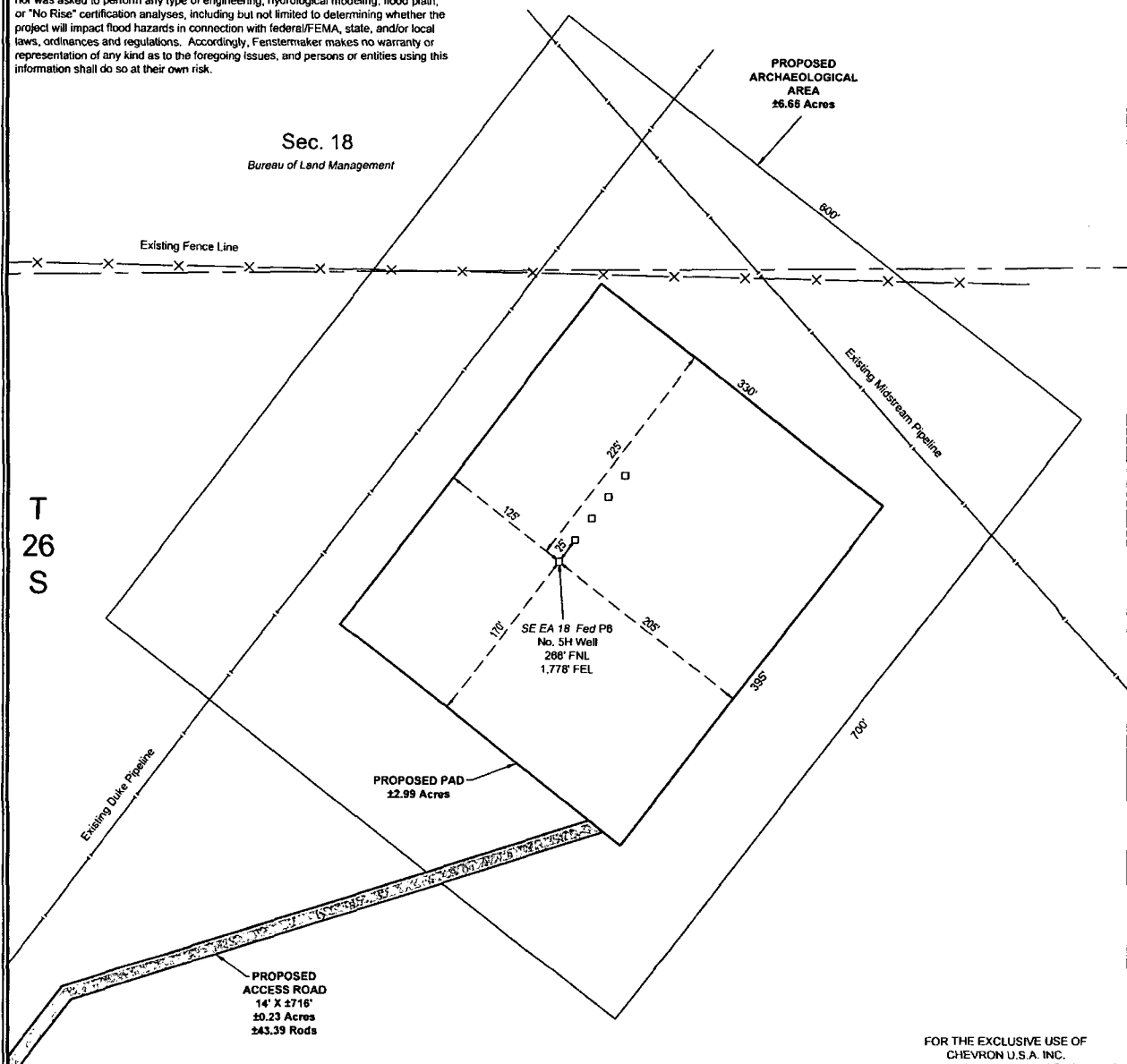
## NOTE:

Many states maintain information centers that establish links between those who dig (excavators) and those who own and operate underground facilities (operators). It is advisable and in most states, law, for the contractor to contact the center for assistance in locating and marking underground utilities. For guidance: New Mexico One Call - [www.onecall.org](http://www.onecall.org)

**DISCLAIMER:** At this time, C.H. Fenstermaker & Associates, LLC has not performed nor was asked to perform any type of engineering, hydrological modeling, flood plain, or "No Rise" certification analyses, including but not limited to determining whether the project will impact flood hazards in connection with federal/FEMA, state, and/or local laws, ordinances and regulations. Accordingly, Fenstermaker makes no warranty or representation of any kind as to the foregoing issues, and persons or entities using this information shall do so at their own risk.

N ARCH. AREA CORNER	E ARCH. AREA CORNER	S ARCH. AREA CORNER	W ARCH. AREA CORNER	SD EA 18 FED P6 SH WELL
X= 724,745 NAD 27 Y= 377,863	X= 725,219 NAD 27 Y= 377,494	X= 724,789 NAD 27 Y= 376,942	X= 724,316 NAD 27 Y= 377,310	X= 724,737 NAD 27 Y= 377,363 LAT. 32.035411 LONG. 103.608094
ELEVATION +3205' NAVD 88	ELEVATION +3211' NAVD 88	ELEVATION +3214' NAVD 88	ELEVATION +3205' NAVD 88	
N PAD CORNER	E PAD CORNER	W PAD CORNER	S PAD CORNER	
X= 724,776 NAD 27 Y= 377,617	X= 725,037 NAD 27 Y= 377,414	X= 724,534 NAD 27 Y= 377,305	X= 724,794 NAD 27 Y= 377,103	X= 765,924 NAD63 Y= 377,420 LAT. 32.035536 LONG. 103.608562
ELEVATION +3205' NAVD 88	ELEVATION +3208' NAVD 88	ELEVATION +3205' NAVD 88	ELEVATION +3211' NAVD 88	ELEVATION +3205' NAVD 88

R 33 E



Sec. 19

Bureau of Land Management

FOR THE EXCLUSIVE USE OF  
CHEVRON U.S.A. INC.  
I, WM. J. Daniel III, Registered Professional  
Land Surveyor, do hereby state this plat is true  
and correct to the best of my knowledge.



WM. J. Daniel III  
Registration No. 15078



LEGEND	
—	Section Line
—X—	Fence Line
- - -	Existing Pipeline
- - -	Lease Road

**CHEVRON U.S.A. INC.**  
PROPOSED PAD & ACCESS ROAD  
SD EA 18 FED P6 NO. 5H WELL  
SECTION 19, T26S-R33E  
LEA COUNTY, NEW MEXICO

Page 1 of 2



C.H. Fenstermaker & Associates  
135 Regency Sq., Lafayette, LA 70508  
Ph. 337-237-2200 Fax. 337-232-3299  
[www.fenstermaker.com](http://www.fenstermaker.com)

Scale: 1"=100'  
100' 0 50' 100'

DRAWN BY: BOR		REVISIONS	
PROJ. MGR.: VHV	No. 1	DATE: 05/14/2015	REVISED BY: RFM
DATE: 10/22/2014	No.	DATE:	REVISED BY:
FILENAME: T:\2014\2148293\DWG\SD EA 18 Fed P6 5H_SUP.dwg			

# Exhibit 2

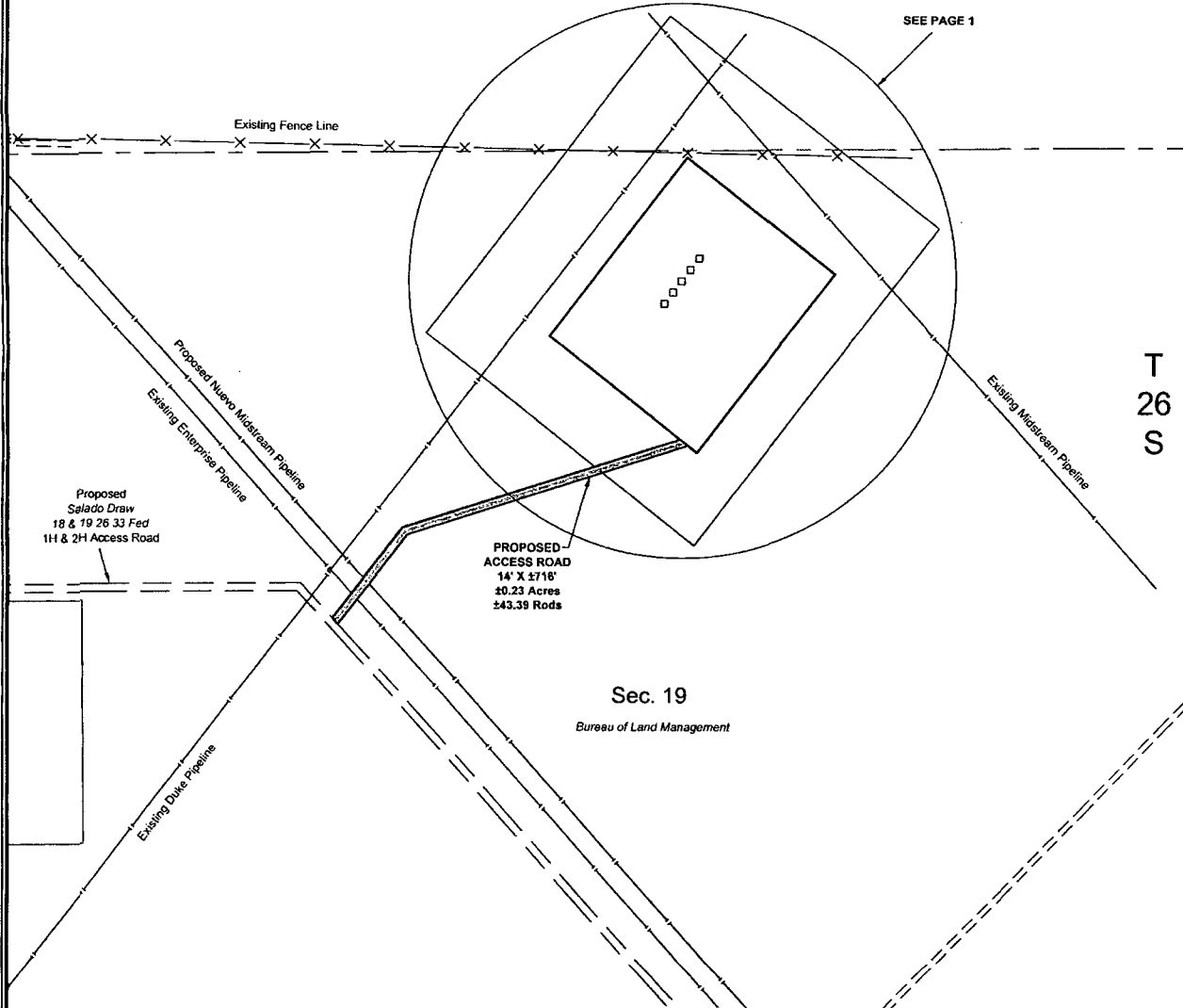
R 33 E

Sec. 18

Bureau of Land Management

SEE PAGE 1

T  
26  
S



Sec. 19

Bureau of Land Management

FOR THE EXCLUSIVE USE OF  
CHEVRON U.S.A. INC.  
I, WM. J. DANIEL III, Registered Professional  
Land Surveyor, do hereby state this plat is true  
and correct to the best of my knowledge.



## NOTE:

Please be advised, that while reasonable efforts are made to locate and verify pipelines and anomalies using our standard pipeline locating equipment, it is impossible to be 100 % effective. As such, we advise using caution when performing work as there is a possibility that pipelines and other hazards, such as fiber optic cables, PVC pipelines, etc. may exist undetected on site.

## NOTE:

Many states maintain information centers that establish links between those who dig (excavators) and those who own and operate underground facilities (operators). It is advisable and in most states, law, for the contractor to contact the center for assistance in locating and marking underground utilities. For guidance: New Mexico One Call - [www.nimonecall.org](http://www.nimonecall.org)

DISCLAIMER: At this time, C.H. Fenstermaker & Associates, LLC has not performed nor was asked to perform any type of engineering, hydrological modeling, flood plain, or "No Rise" certification analyses, including but not limited to determining whether the project will impact flood hazards in connection with federal/FEMA, state, and/or local laws, ordinances and regulations. Accordingly, Fenstermaker makes no warranty or representation of any kind as to the foregoing issues, and persons or entities using this information shall do so at their own risk.



LEGEND	
	Section Line
	Fence Line
	Existing Pipeline
	Lease Road

CHEVRON U.S.A. INC.  
PROPOSED PAD & ACCESS ROAD  
SD EA 18 FED P6 NO. 5H WELL  
SECTION 19, T26S-R33E  
LEA COUNTY, NEW MEXICO

Page 2 of 2



C.H. Fenstermaker & Associates  
135 Regency Sq. Lafayette, LA 70508  
Ph. 337-237-2200 Fax. 337-232-3299  
[www.fenstermaker.com](http://www.fenstermaker.com)

Scale: 1"=200'  
200' 0 100' 200'

DRAWN BY: BOR		REVISIONS	
PROJ. MGR.: VHV	No. 1	DATE: 05/14/2015	REVISED BY: RFM
DATE: 10/22/2014	No.	DATE:	REVISED BY:
FILENAME: T:\2014\2148293\DWG\SD EA 18 Fed P6 5H_SUP.dwg			



# Exhibit 4

## NOTE:

Please be advised, that while reasonable efforts are made to locate and verify pipelines and anomalies using our standard pipeline locating equipment, it is impossible to be 100 % effective. As such, we advise using caution when performing work as there is a possibility that pipelines and other hazards, such as fiber optic cables, PVC pipelines, etc. may exist undetected on site.

## NOTE:

Many states maintain information centers that establish links between those who dig (excavators) and those who own and operate underground facilities (operators). It is advisable and in most states, law, for the contractor to contact the center for assistance in locating and marking underground utilities. For guidance, New Mexico One Call System - <http://www.nmonecall.org>.

**DISCLAIMER:** At this time, C.H. Fenstermaker & Associates, LLC has not performed nor was asked to perform any type of engineering, hydrological modeling, flood plain, or "No Rise" certification analyses, including but not limited to determining whether the project will impact flood hazards in connection with federal/FEMA, state, and/or local laws, ordinances and regulations. Accordingly, Fenstermaker makes no warranty or representation of any kind as to the foregoing issues, and persons or entities using this information shall do so at their own risk.

R 33 E

Sec. 18

Bureau of Land Management

T  
26  
S

NW NW

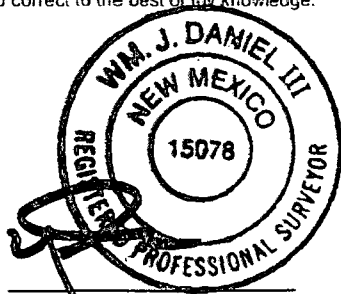
Sec. 19

Bureau of Land Management

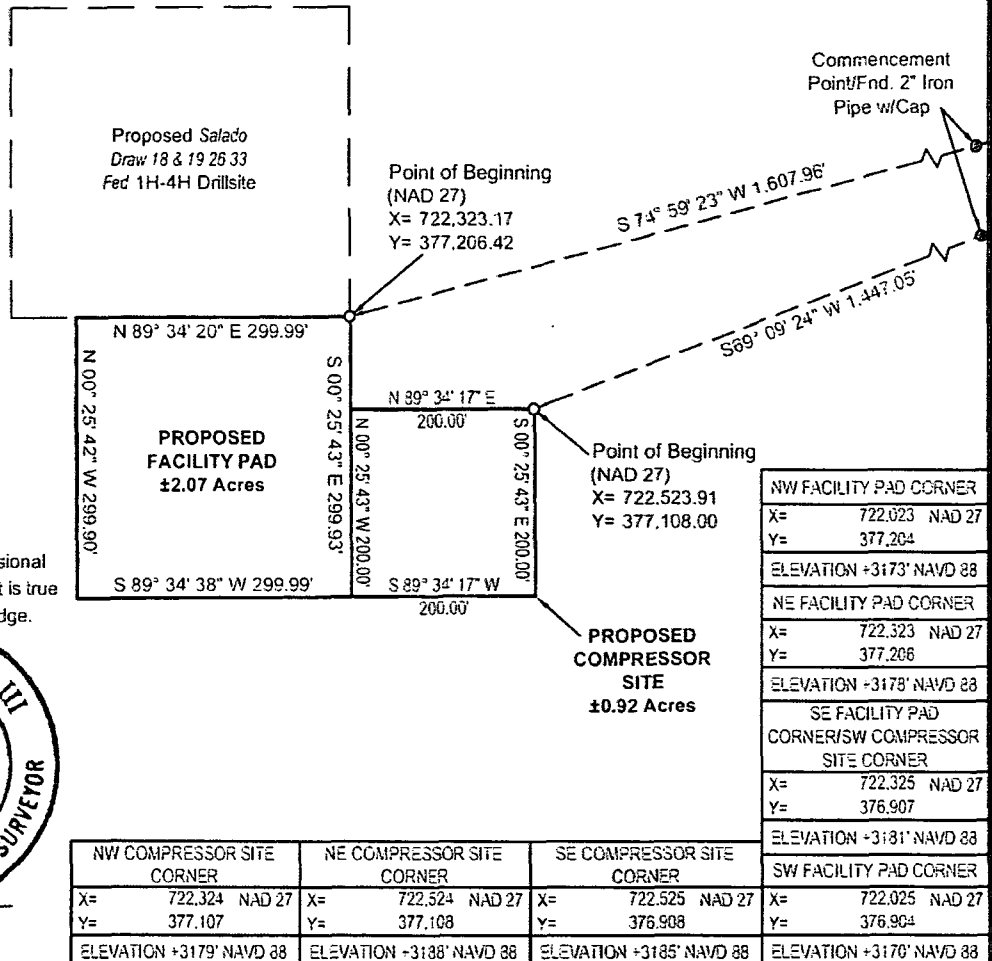
FOR THE EXCLUSIVE USE OF  
CHEVRON U.S.A. INC.

I, WM. J. Daniel III, Registered Professional  
Land Surveyor, do hereby state this plat is true  
and correct to the best of my knowledge.

NAD 27 NEW MEXICO EAST ZONE

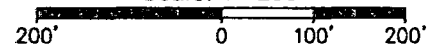


WM. J. Daniel III  
Registration No. 15078



SURFACE USE PLAT

Scale: 1"=200'



CHEVRON U.S.A. INC.

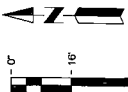
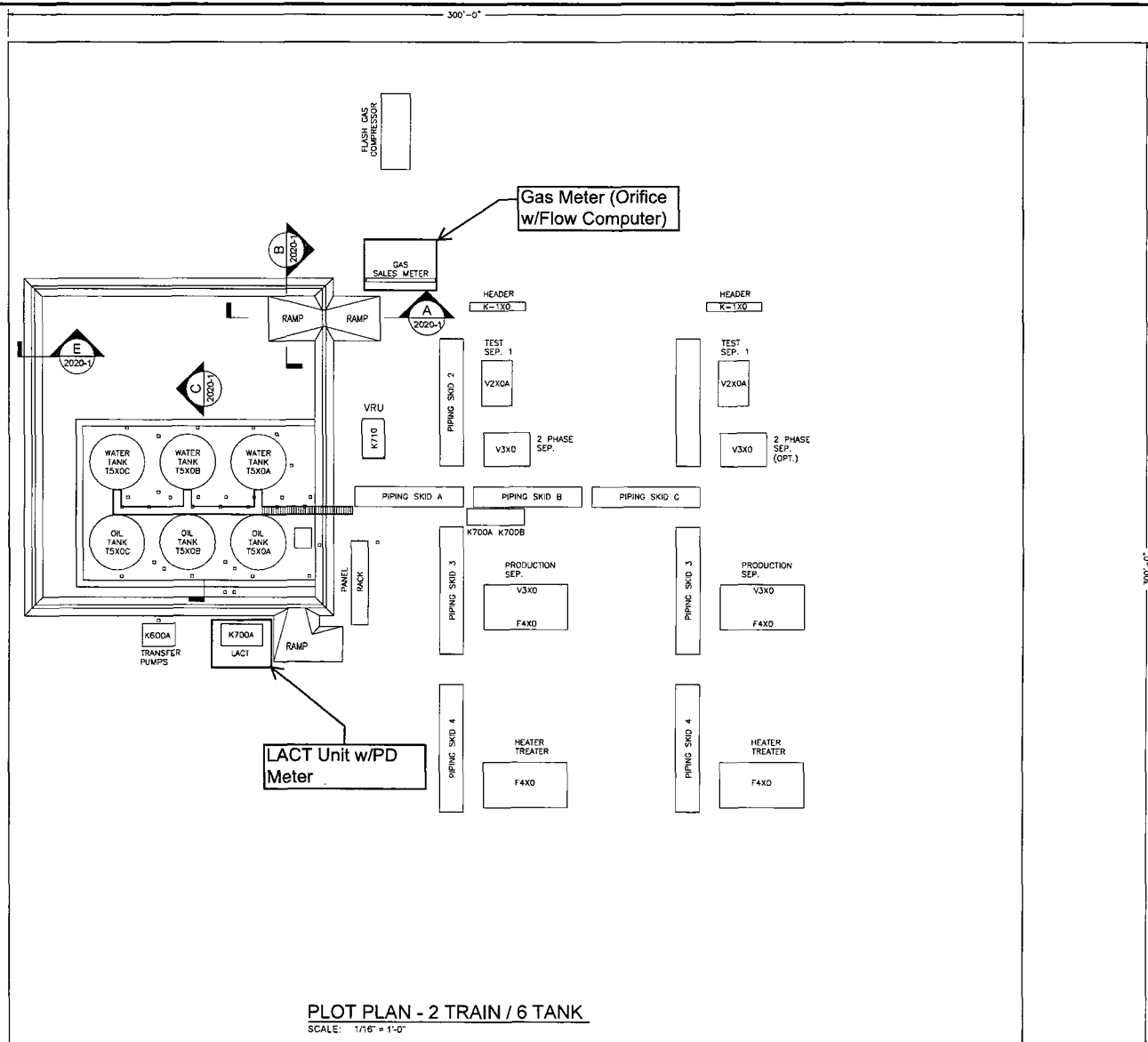
PROPOSED FACILITY PAD & COMPRESSOR SITE  
SALADO DRAW 18 & 19 26 33 FED 1H-4H  
SECTION 19, T26S-R33E  
LEA COUNTY, NEW MEXICO



135 Regency Sq. Lafayette, LA 70508  
Ph. 337-237-2200 Fax. 337-232-3299  
[www.fenstermaker.com](http://www.fenstermaker.com)

DRAWN BY: BOR		REVISIONS	
PROJ. MGR.: VHV	No.	DATE:	REVISED BY:
DATE: AUGUST 29, 2014	No.	DATE:	REVISED BY:
FILENAME: T:\2014\2144669\DWG\Salado Draw 18 & 19 26 33 1H-4H_Facility_SUP.dwg			

# Exhibit 4



PLOT DATE: 12/31/2014 (1215985)

ISSUED FOR CONSTRUCTION - REVISION 01/12/15	E-W P-W	△ △ △	REVISIONS	△ △ △	IFC ISSUED FOR CONSTRUCTION	Chevron U.S.A. Inc.	HOBBS FMT - SALADO DRAW SEC. 19 CTB DELAWARE BASIN
		△ △		△ △		API _____ LEASE _____	PLOT PLAN SLDRW-SDW-19CTB-MCB-STB-FDN-2005-1

SLDRW-SDW-19CTB-MCB-STB-FDN-2005-1.dwg

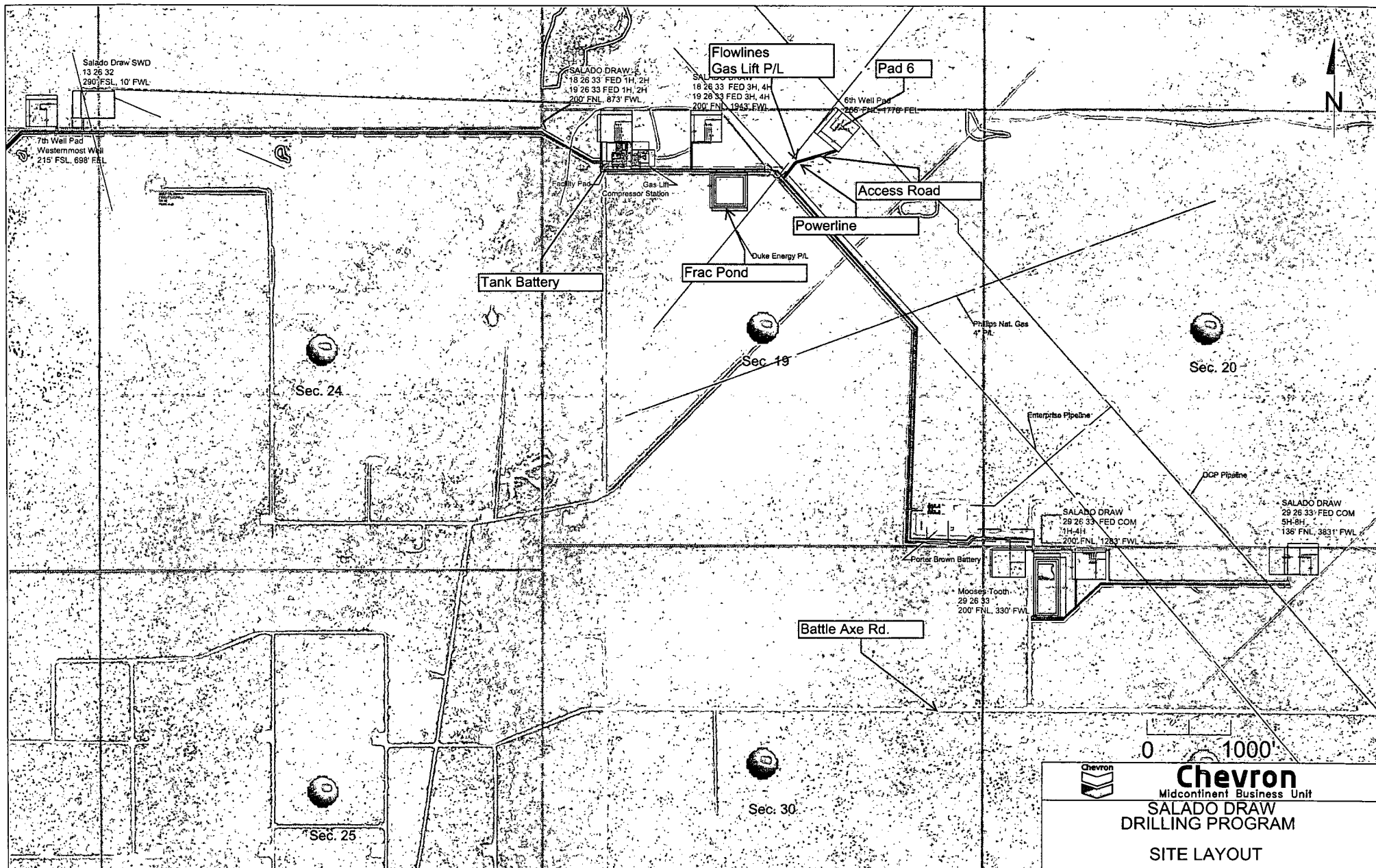


Exhibit 5



R 33 E

Sec. 18

Bureau of Land Management

Proposed SD EA 18 Fed P6  
5H & 6H  
SD EA 19 Fed P6  
5H-7H Pad(PAD 6)

Point of Commencement/  
Fnd. 2" Iron Pipe

Existing Enterprise Pipeline

Existing Nuevo Midstream Pipeline

Existing Salado  
Draw 18 & 19 26 33  
Fed 1H & 2H Pads &  
Access Road

PROPOSED FLOWLINE  
CLUSTER  
±2,766.38', ±167.66 Rods

S 60° 48' 47" E 1,012.06'

POINT OF BEGINNING  
(NAD 27)  
X= 724,759.82  
Y= 377,129.34

Proposed SD EA 18 Fed  
P6 5H & 6H  
SD EA 19 Fed P6 5H-7H  
Access Road

Sec. 19

Bureau of Land Management

Existing Duke Pipeline

FOR THE EXCLUSIVE USE OF  
CHEVRON U.S.A. INC.  
I, WM. J. Daniel III, Registered Professional  
Land Surveyor, do hereby state this plat is true  
and correct to the best of my knowledge.

POINT OF ENDING  
(NAD 27)  
X= 722,174.42  
Y= 376,905.39

CHEVRON U.S.A. INC.

PROPOSED FLOWLINE CLUSTER

SD EA 18 FED P6 5H & 6H; SD EA 19 FED P6 5H-7H

SECTION 19, T26S-R33E

LEA COUNTY, NEW MEXICO

Page 1 of 2

DRAWN BY: BOR		REVISIONS	
PROJ. MGR.: VHV	No. 1	DATE: 05/18/2015	REVISED BY: BOR
DATE: 12/10/2014	No.	DATE:	REVISED BY:
FILENAME: T:\2014\2148293\DWG\SD EA 18 Fed P6 5H & 6H_19 Fed P6 5H-7H_FL.dwg			

LEGEND

	Section Line
	Proposed Flowline
	Existing Pipeline
	Proposed/Existing Pads & Access Roads
	Right of Way

Not to be used for construction, bidding,  
recordation, conveyance, sales, or as the  
basis for the issuance of a permit.

**PRELIMINARY**

WM. J. Daniel III  
Registration No. 15078

C. H. Fenstermaker & Associates  
135 Regency Sq. Lafayette, LA 70508  
Ph. 337-237-2200 Fax. 337-232-3299  
www.fenstermaker.com



Scale: 1" = 300'

300' 0 150' 300'



T 26 S

**METES AND BOUNDS DESCRIPTION OF  
(5) PROPOSED FLOWLINES  
SECTION 19, T26S-R33E  
LEA COUNTY, NEW MEXICO**

**SD EA 18 FED P6 5H & 6H  
SD EA 19 FED P6 5H-7H**

**NOTE:**

Please be advised, that while reasonable efforts are made to locate and verify pipelines and anomalies using our standard pipeline locating equipment, it is impossible to be 100 % effective. As such, we advise using caution when performing work as there is a possibility that pipelines and other hazards, such as fiber optic cables, PVC pipelines, etc. may exist undetected on site.

**NOTE:**

Many states maintain information centers that establish links between those who dig (excavators) and those who own and operate underground facilities (operators). It is advisable and in most states, law, for the contractor to contact the center for assistance in locating and marking underground utilities. For guidance: New Mexico One Call - [www.nmonecall.org](http://www.nmonecall.org)

**DISCLAIMER:** At this time, C.H. Fenstermaker & Associates has not performed nor was asked to perform any type of engineering, hydrological modeling, flood plain, or "No Rise" certification analyses, including but not limited to determining whether the project will impact flood hazards in connection with federal/FEMA, state, and/or local laws, ordinances and regulations. Accordingly, Fenstermaker makes no warranty or representation of any kind as to the foregoing issues, and persons or entities using this information shall do so at their own risk.

Survey of (5) proposed flowlines crossing Bureau of Land Management land in Section 19 of Township 26 South Range 33 East, N.M.P.M, Lea County, New Mexico.

**COMMENCING** at the Northwest corner of the Northeast quarter of said Section 19 of Township 26 South Range 33 East at a found 2" Iron Pipe; **THENCE** South 60 degrees 48 minutes 47 seconds East 1,012.06 feet to the **POINT OF BEGINNING** having the following coordinates: X= 724,759.82 and Y= 377,129.34 (New Mexico State Plane Coordinate System, East Zone, NAD 27);

**THENCE** South 72 degrees 38 minutes 13 seconds West 511.93 feet;

**THENCE** South 37 degrees 53 minutes 57 seconds West 216.84 feet;

**THENCE** North 42 degrees 00 minutes 56 seconds West 97.32 feet;

**THENCE** South 89 degrees 33 minutes 37 seconds West 1,024.26 feet;

**THENCE** South 89 degrees 33 minutes 51 seconds West 522.96 feet;

**THENCE** South 89 degrees 34 minutes 29 seconds West 351.00 feet;

**THENCE** North 00 degrees 24 minutes 48 seconds West 42.07 feet to the **POINT OF ENDING** having the following coordinates: X= 722,174.42 and Y= 376,905.39 (New Mexico State Plane Coordinate System, East Zone, NAD 27);

The bearings recited hereon are oriented to NAD 27 New Mexico East Zone.

This description represents a survey made on the ground of proposed flowlines and is intended solely for that purpose. This description does not represent a boundary survey.

FOR THE EXCLUSIVE USE OF  
CHEVRON U.S.A. INC.  
I, WM. J. Daniel III, Registered Professional  
Land Surveyor, do hereby state this plat is true  
and correct to the best of my knowledge.

*Not to be used for construction, bidding,  
recordation, conveyance, sales, or as the  
basis for the issuance of a permit.*



WM. J. Daniel III  
Registration No. 15078

COURSE	BEARING	DISTANCE
1	S 72° 38' 13" W	511.93'
2	S 37° 53' 57" W	216.84'
3	N 42° 00' 56" W	97.32'
4	S 89° 33' 37" W	1024.26'
5	S 89° 33' 51" W	522.96'
6	S 89° 34' 29" W	351.00'
7	N 00° 24' 48" W	42.07'

**CHEVRON U.S.A. INC.**

**PROPOSED FLOWLINE CLUSTER  
SD EA 18 FED P6 5H & 6H; SD EA 19 FED P6 5H-7H  
SECTION 19, T26S-R33E  
LEA COUNTY, NEW MEXICO**

Page 2 of 2



C. H. Fenstermaker & Associates  
135 Regency Sq. Lafayette, LA 70508  
Ph. 337-237-2200 Fax. 337-232-3299  
[www.fenstermaker.com](http://www.fenstermaker.com)

DRAWN BY: BOR		REVISIONS	
PROJ. MGR.: VHV	No. 1	DATE: 05/18/2015	REVISED BY: BOR
DATE: 12/10/2014	No.	DATE:	REVISED BY:
FILENAME: T:\2014\2148293\DWG\SD EA 18 Fed P6 5H & 6H_19 Fed P6 5H-7H_FL.dwg			

Sec. 18

R 33 E

Bureau of Land Management

Point of  
Commencement/  
Fnd. 2" Iron Pipe

Proposed SD EA 18 Fed P6  
5H & 6H  
SD EA 19 Fed P6 5H-7H  
Drillsite (PAD 6)

Sec. 19

Bureau of Land Management

T  
26  
S

Existing Enterprise Pipeline

S 16° 54' 05" E 899.67'

POINT OF ENDING  
(NAD 27)  
X= 724,785.27  
Y= 377,109.53

PROPOSED  
ELECTRIC LINE  
±764.93', ±46.36 Rods

POINT OF BEGINNING  
(NAD 27)  
X= 724,137.82  
Y= 376,762.07

FOR THE EXCLUSIVE USE OF  
CHEVRON U.S.A. INC.  
I, WM. J. Daniel III, Registered Professional  
Land Surveyor, do hereby state this plat is true  
and correct to the best of my knowledge.

LEGEND	
	Section Line
	Proposed Electric Line
	Existing Pipeline
	Proposed Pad & Access Road & Existing Access Road
	Existing Electric Line
	Proposed Right of Way
	Found Occupation

Not to be used for construction, bidding,  
recordation, conveyance, sales, or as the  
basis for the issuance of a permit.

**PRELIMINARY**

WM. J. Daniel III  
Registration No. 15078

DETAIL

Scale: 1" = 200'

200' 0 100' 200'

CHEVRON U.S.A. INC.

PROPOSED ELECTRIC LINE

SD EA 18 FED P6 5H & 6H; SD EA 19 FED P6 5H-7H

SECTION 19, T26S-R33E

LEA COUNTY, NEW MEXICO

Page 1 of 2



C. H. Fenstermaker & Associates  
135 Regency Sq. Lafayette, LA 70508  
Ph. 337-237-2200 Fax. 337-232-3299  
[www.fenstermaker.com](http://www.fenstermaker.com)

DRAWN BY: BOR		REVISIONS	
PROJ. MGR.: VHV	No. 1	DATE: 05/15/2015	REVISED BY: BOR
DATE: 12/11/2014	No.	DATE:	REVISED BY:
FILENAME: T:\2014\2148293\DWG\SD EA 18 Fed P6 5H & 6H_19 Fed P6 5H-7H_Electric Line.dwg			

METES AND BOUNDS DESCRIPTION OF  
A PROPOSED ELECTRIC LINE  
SECTION 19, T26S-R33E  
LEA COUNTY, NEW MEXICO

SD EA 18 FED P6 5H & 6H WELLS  
SD EA 19 FED P6 5H-7H WELLS

Survey of a proposed electric line crossing Bureau of Land Management land in Section 19 of Township 26 South Range 33 East, N.M.P.M, Lea County, New Mexico.

**COMMENCING** at the Northwest corner of the Northeast quarter of said Section 19 of Township 26 South Range 33 East at a found 2" Iron Pipe; **Thence** South 16 degrees 54 minutes 05 seconds East 899.67 feet to the **POINT OF BEGINNING** having the following coordinates: X= 724,137.82 and Y= 376,762.07 (New Mexico State Plane Coordinate System, East Zone, NAD 27);

**Thence** North 37 degrees 54 minutes 01 seconds East 242.91 feet;

**Thence** North 72 degrees 38 minutes 13 seconds East 522.02 feet to the **POINT OF ENDING** having the following coordinates: X= 724,785.27 and Y= 377,109.53 (New Mexico State Plane Coordinate System, East Zone, NAD 27);

The bearings recited hereon are oriented to NAD 27 New Mexico East Zone.

This description represents a survey made on the ground of a proposed electric line and is intended solely for that purpose. This description does not represent a boundary survey.

NOTE:

Please be advised, that while reasonable efforts are made to locate and verify pipelines and anomalies using our standard pipeline locating equipment, it is impossible to be 100 % effective. As such, we advise using caution when performing work as there is a possibility that pipelines and other hazards, such as fiber optic cables, PVC pipelines, etc. may exist undetected on site.

NOTE:

Many states maintain information centers that establish links between those who dig (excavators) and those who own and operate underground facilities (operators). It is advisable and in most states, law, for the contractor to contact the center for assistance in locating and marking underground utilities. For guidance: New Mexico One Call - [www.nmonecall.org](http://www.nmonecall.org)

**DISCLAIMER:** At this time, C. H. Fenstermaker & Associates has not performed nor was asked to perform any type of engineering, hydrological modeling, flood plain, or "No Rise" certification analyses, including but not limited to determining whether the project will impact flood hazards in connection with federal/FEMA, state, and/or local laws, ordinances and regulations. Accordingly, Fenstermaker makes no warranty or representation of any kind as to the foregoing issues, and persons or entities using this information shall do so at their own risk.

FOR THE EXCLUSIVE USE OF  
CHEVRON U.S.A. INC.

I, WM. J. Daniel III, Registered Professional  
Land Surveyor, do hereby state this plat is true  
and correct to the best of my knowledge.

*Not to be used for construction, bidding,  
recordation, conveyance, sales, or as the  
basis for the issuance of a permit.*



WM. J. Daniel III  
Registration No. 15078

COURSE	BEARING	DISTANCE
1	N 37° 54' 01" E	242.91'
2	N 72° 38' 13" E	522.02'

DETAIL

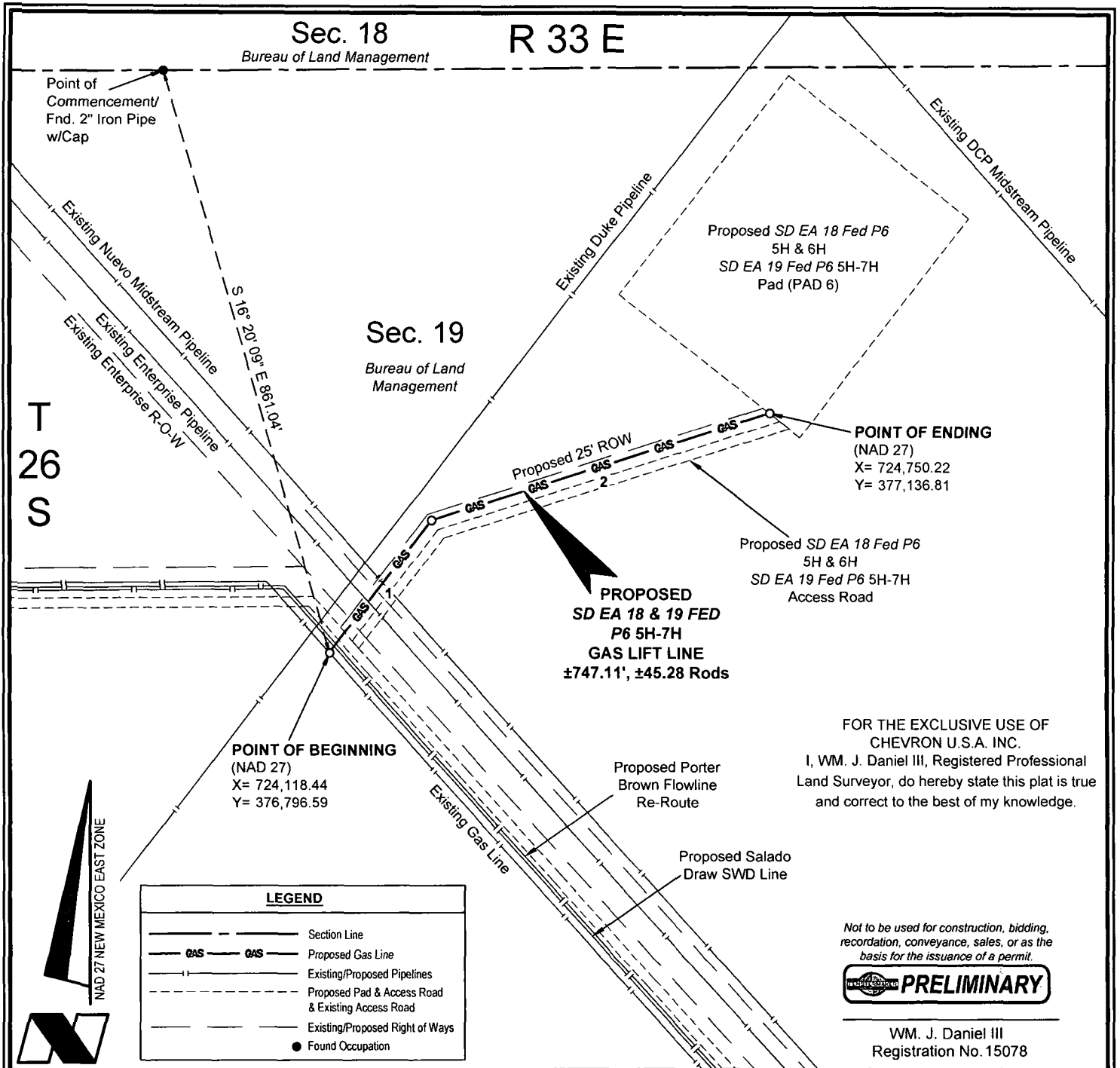
CHEVRON U.S.A. INC.  
PROPOSED ELECTRIC LINE  
SD EA 18 FED P6 5H & 6H; SD EA 19 FED P6 5H-7H  
SECTION 19, T26S-R33E  
LEA COUNTY, NEW MEXICO

Page 2 of 2



C. H. Fenstermaker & Associates  
135 Regency Sq. Lafayette, LA 70508  
Ph. 337-237-2200 Fax. 337-232-3299  
[www.fenstermaker.com](http://www.fenstermaker.com)

DRAWN BY: BOR		REVISIONS	
PROJ. MGR.: VHV	No. 1	DATE: 05/15/2015	REVISED BY: BOR
DATE: 12/11/2014	No.	DATE:	REVISED BY:
FILENAME: T:\2014\2148293\DWG\SD EA 18 Fed P6 5H & 6H_19 Fed P6 5H-7H_Electric Line.dwg			



DETAIL

Scale: 1" = 200'

200' 0 100' 200'

**CHEVRON U.S.A. INC.**

PROPOSED GAS LIFT LINE  
SD EA 18 FED P6 5H & 6H; SD EA 19 FED P6 5H-7H

SECTION 19, T26S-R33E  
LEA COUNTY, NEW MEXICO

Page 1 of 2



C. H. Fenstermaker & Associates  
135 Regency Sq. Lafayette, LA 70508  
Ph. 337-237-2200 Fax. 337-232-3299  
www.fenstermaker.com

DRAWN BY: BOR		REVISIONS	
PROJ. MGR.: VHV	No.	DATE:	REVISED BY:
DATE: MAY 19, 2015	No.	DATE:	REVISED BY:
FILENAME: T:\2015\2152154\DWG\SD EA 18 Fed P6 5H & 6H_19 Fed P6 5H-7H_Gas Lift Line.dwg			

**METES AND BOUNDS DESCRIPTION OF  
A PROPOSED GAS LIFT LINE  
SECTION 19, T26S-R33E  
LEA COUNTY, NEW MEXICO**

**SD EA 18 FED P6 5H & 6H  
SD EA 19 FED P6 5H-7H**

Survey of a proposed gas lift line crossing Bureau of Land Management land in Section 19 of Township 26 South Range 33 East, N.M.P.M Lea County, New Mexico.

**COMMENCING** at the Northwest corner of the Northeast quarter of said Section 19 of Township 26 South Range 33 East at a Found 2" Iron Pipe with Cap; thence South 16 degrees 20 minutes 09 seconds East 861.04 feet to the **POINT OF BEGINNING** having the following coordinates: X= 724,118.44 and Y= 376,796.59 (New Mexico State Plane Coordinate System, East Zone, NAD 27);

**THENCE** North 37 degrees 53 minutes 57 seconds East 238.99 feet;

**THENCE** North 72 degrees 38 minutes 13 seconds East 508.12 feet to the **POINT OF ENDING** having the following coordinates: X= 724,750.22 and Y= 377,136.81 (New Mexico State Plane Coordinate System, East Zone, NAD 27);

The bearings recited hereon are oriented to NAD 27 New Mexico East Zone.

This description represents a drawing of a proposed gas lift line and is intended solely for that purpose. This description does not represent a boundary survey.

FOR THE EXCLUSIVE USE OF  
CHEVRON U.S.A. INC.

I, WM. J. Daniel III, Registered Professional  
Land Surveyor, do hereby state this plat is true  
and correct to the best of my knowledge.

*Not to be used for construction, bidding,  
recordation, conveyance, sales, or as the  
basis for the issuance of a permit.*



WM. J. Daniel III  
Registration No. 15078

**NOTE:**

Please be advised, that while reasonable efforts are made to locate and verify pipelines and anomalies using our standard pipeline locating equipment, it is impossible to be 100 % effective. As such, we advise using caution when performing work as there is a possibility that pipelines and other hazards, such as fiber optic cables, PVC pipelines, etc. may exist undetected on site.

**NOTE:**

Many states maintain information centers that establish links between those who dig (excavators) and those who own and operate underground facilities (operators). It is advisable and in most states, law, for the contractor to contact the center for assistance in locating and marking underground utilities. For guidance: New Mexico One Call - [www.nmonecall.org](http://www.nmonecall.org)

**DISCLAIMER:** At this time, C. H. Fenstermaker & Associates has not performed nor was asked to perform any type of engineering, hydrological modeling, flood plain, or "No Rise" certification analyses, including but not limited to determining whether the project will impact flood hazards in connection with federal/FEMA, state, and/or local laws, ordinances and regulations. Accordingly, Fenstermaker makes no warranty or representation of any kind as to the foregoing issues, and persons or entities using this information shall do so at their own risk.

COURSE	BEARING	DISTANCE
1	N 37° 53' 57" E	238.99'
2	N 72° 38' 13" E	508.12'

**DETAIL**

**CHEVRON U.S.A. INC.**  
**PROPOSED GAS LIFT LINE**  
**SD EA 18 FED P6 5H & 6H; SD EA 19 FED P6 5H-7H**  
**SECTION 19, T26S-R33E**  
**LEA COUNTY, NEW MEXICO**

Page 2 of 2



C. H. Fenstermaker & Associates  
135 Regency Sq. Lafayette, LA 70508  
Ph. 337-237-2200 Fax. 337-232-3299  
[www.fenstermaker.com](http://www.fenstermaker.com)

DRAWN BY: BOR		REVISIONS			
PROJ. MGR.: VHV	No.	DATE:		REVISED BY:	
DATE: MAY 19, 2015	No.	DATE:		REVISED BY:	
FILENAME: T:\2015\2152154\DWG\SD EA 18 Fed P6 5H & 6H_19 Fed P6 5H-7H_Gas Lift Line.dwg					

# Exhibit 7

## NOTE:

Please be advised, that while reasonable efforts are made to locate and verify pipelines and anomalies using our standard pipeline locating equipment, it is impossible to be 100 % effective. As such, we advise using caution when performing work as there is a possibility that pipelines and other hazards, such as fiber optic cables, PVC pipelines, etc. may exist undetected on site.

## NOTE:

Many states maintain information centers that establish links between those who dig (excavators) and those who own and operate underground facilities (operators). It is advisable and in most states, law, for the contractor to contact the center for assistance in locating and marking underground utilities. For guidance: New Mexico One Call - [www.nmonecall.org](http://www.nmonecall.org)

DISCLAIMER: At this time, C.H. Fenstermaker & Associates, LLC has not performed nor was asked to perform any type of engineering, hydrological modeling, flood plain, or "No Rise" certification analyses, including but not limited to determining whether the project will impact flood hazards in connection with federal/FEMA, state, and/or local laws, ordinances and regulations. Accordingly, Fenstermaker makes no warranty or representation of any kind as to the foregoing issues, and persons or entities using this information shall do so at their own risk.

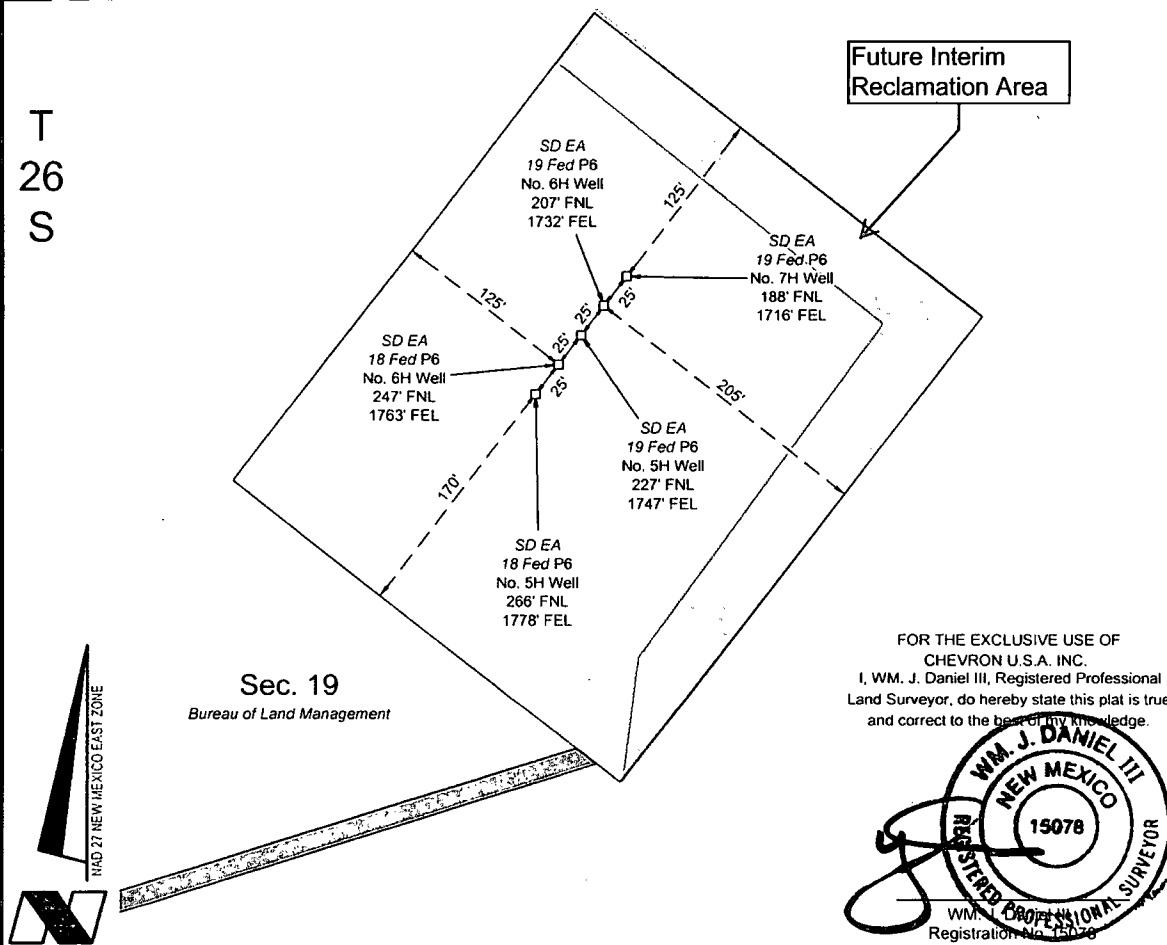
SD EA 18 FED P6 5H WELL	SD EA 18 FED P6 6H WELL	SD EA 19 FED P6 5H WELL	SD EA 19 FED P6 6H WELL	SD EA 19 FED P6 7H WELL
X= 724,737 NAD 27	X= 724,752 NAD 27	X= 724,767 NAD 27	X= 724,783 NAD 27	X= 724,798 NAD 27
Y= 377,363	Y= 377,383	Y= 377,402	Y= 377,422	Y= 377,442
LAT. 32.035411	LAT. 32.035465	LAT. 32.035519	LAT. 32.035573	LAT. 32.035627
LONG. 103.608094	LONG. 103.608044	LONG. 103.607994	LONG. 103.607994	LONG. 103.607894
X= 765,924 NAD83	X= 765,939 NAD83	X= 765,955 NAD83	X= 765,970 NAD83	X= 765,985 NAD83
Y= 377,420	Y= 377,440	Y= 377,459	Y= 377,479	Y= 377,499
LAT. 32.035536	LAT. 32.035590	LAT. 32.035644	LAT. 32.035698	LAT. 32.035752
LONG. 103.608562	LONG. 103.608512	LONG. 103.608462	LONG. 103.608412	LONG. 103.608352
ELEVATION +3205' NAVD 88	ELEVATION +3204' NAVD 88	ELEVATION +3205' NAVD 88	ELEVATION +3205' NAVD 88	ELEVATION +3206' NAVD 88

R 33 E

Sec. 18

Bureau of Land Management

T  
26  
S



CHEVRON U.S.A. INC.

PROPOSED DEVELOPMENT PAD

SD EA 18 & 19 FED P6 5H & 7H WELLS

SECTION 19, T26S-R33E

LEA COUNTY, NEW MEXICO



C.H. Fenstermaker & Associates  
135 Regency Sq. Lafayette, LA 70508  
Ph. 337-237-2200 Fax. 337-232-3299  
[www.fenstermaker.com](http://www.fenstermaker.com)

DRAWN BY: VHV

REVISIONS

PROJ. MGR.: VHV

No. 1

DATE: 05/21/2015

REVISED BY: VHV

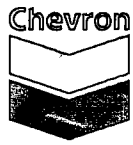
DATE: 04/14/2015

No.

DATE:

REVISED BY:

FILENAME: T:\2014\2148293\DWG\SD EA 18 & 19 Fed P6 5H-7H\_PadDetail.dwg



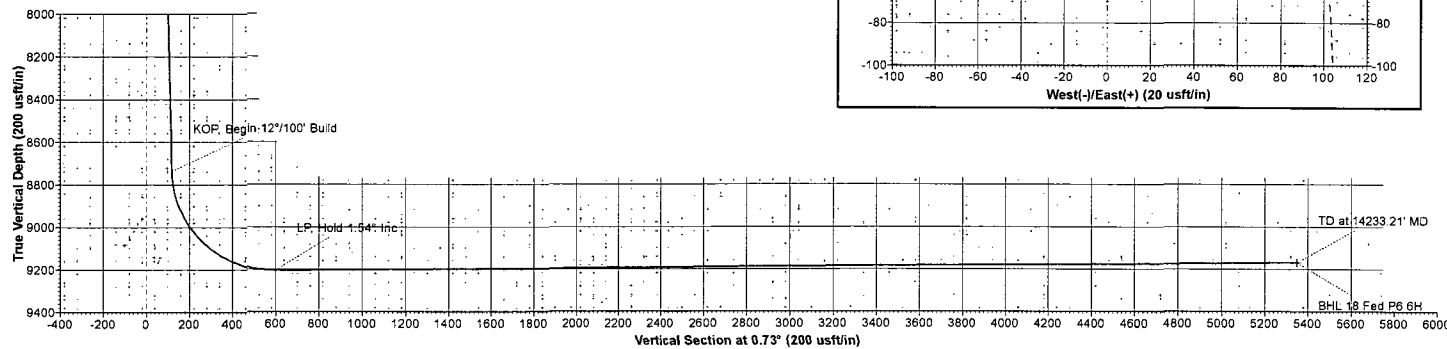
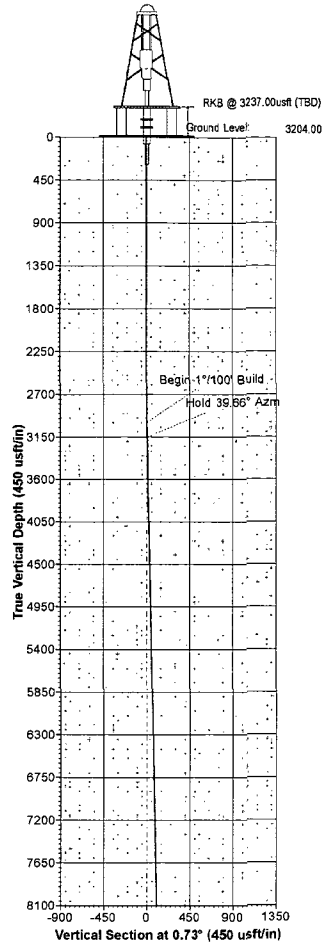
Project: Lea County, NM (NAD27 NME)  
Site: SD EA  
Well: 18 Fed P6 6H  
Wellbore: Wellbore #1  
Design: Plan 1 04-07-15  
Risk: TBD



PHOENIX  
TECHNOLOGY SERVICES



Azimuths to Grid North  
True North: -0.39°  
Magnetic North: 6.68°  
Magnetic Field  
Strength: 48109.0nT  
Dip Angle: 59.78°  
Date: 4/7/2015  
Model: HDGM



WELL DETAILS										
	+N-S	+E-W	North	Ground Level	Easting	3204.00	Latitude	Longitude		
	0.00	0.00	377383.00	724752.00	32° 2' 7.67773 N	103° 36' 28.95718 W				

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dieg	TFace	VSeet	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	3000.00	0.00	0.00	3000.00	0.00	0.00	0.00	0.00	0.00	
3	3154.22	1.54	39.66	3154.21	1.60	1.32	1.00	39.66	1.61	
4	8739.52	1.54	39.66	8737.48	117.32	97.27	0.00	0.00	118.55	
5	9483.21	90.42	359.59	9205.03	598.25	101.59	12.00	-40.07	599.50	
6	14233.21	90.42	359.59	9170.00	5348.00	68.00	0.00	0.00	5348.43	BHL 18 Fed P6 6H

DESIGN TARGET DETAILS										
Name	TVD	+N-S	+E-W	North	Easting	Latitude	Longitude	Shape		
BHL 18 Fed P6 6H	9170.00	5348.00	68.00	382731.00	724820.00	32° 3' 0.59634 N	103° 36' 27.74979 W	Point		

Map System: US State Plane 1927 (Exact solution)  
Datum: NAD 1927 (NADCON CONUS)  
Ellipsoid: Clarke 1866  
Zone Name: New Mexico East 3001  
Local Origin: Well 18 Fed P6 6H, Grid North  
Latitude: 32° 2' 7.67773 N  
Longitude: 103° 36' 28.95718 W  
Grid East: 724752.00  
Grid North: 377383.00  
Scale Factor: 1.000  
Geomagnetic Model: HDGM  
Sample Date: 07-Apr-15  
Magnetic Declination: 7.07°  
Dip Angle from Horizontal: 59.78°  
Magnetic Field Strength: 48109  
To convert a Magnetic Direction to a Grid Direction, Add 6.68°  
To convert a Magnetic Direction to a True Direction, Add 7.07° East  
To convert a True Direction to a Grid Direction, Subtract 0.38°

**LEGEND**

- 19 Fed P6 7H, Wellbore #1, Plan 1 04-08-15 V0
- 18 Fed P6 5H, Wellbore #1, Plan 2 04-13-15 V0
- 19 Fed P6 5H, Wellbore #1, Plan 1 04-07-15 V0
- 19 Fed P6 6H, Wellbore #1, Plan 1 04-07-15 V0
- Plan 1 04-07-15

