

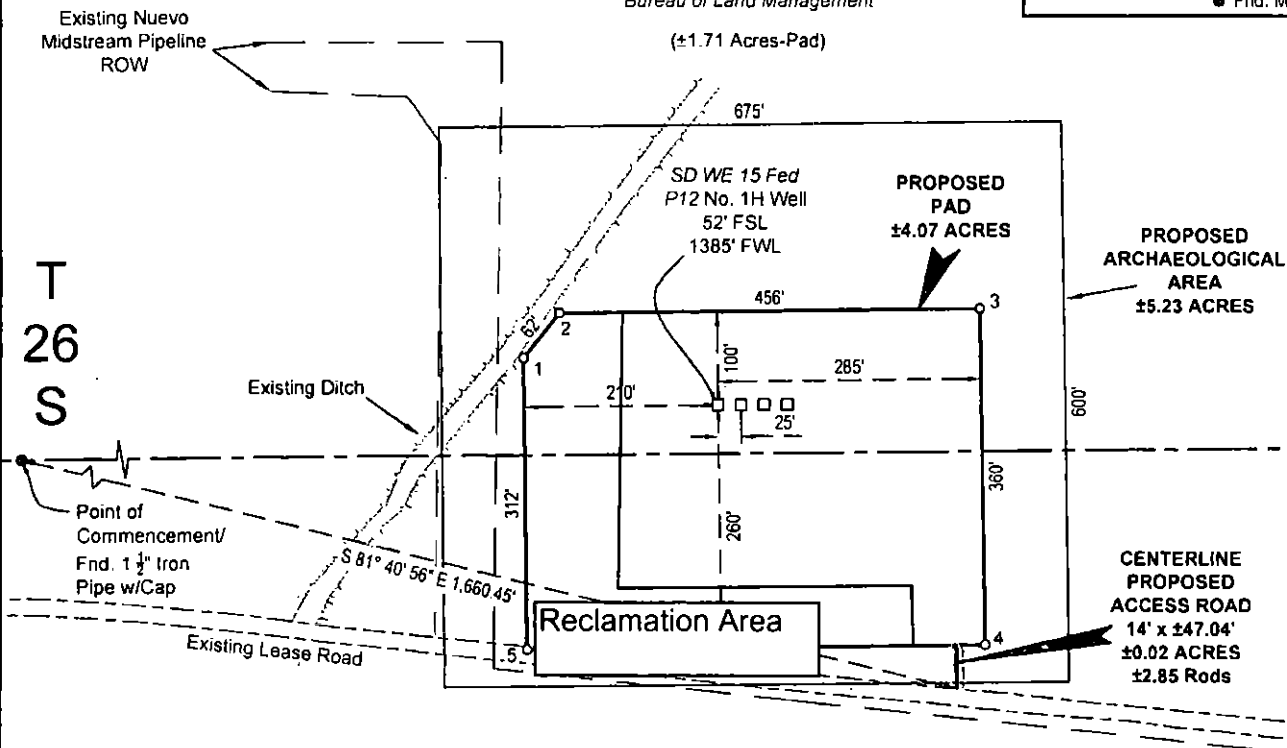
R 32 E

Sec. 15

Bureau of Land Management

(±1.71 Acres-Pad)

LEGEND	
	Section Line
	Existing ROW
	Existing Ditch
	Existing Lease Road
	Centerline Access Road
	Fnd. Monument



Sec. 22

Bureau of Land Management

(±2.36 Acres-Pad)

FOR THE EXCLUSIVE USE OF
CHEVRON U.S.A. INC.
I, Robert L. Lastrapes, Professional
Surveyor, do hereby state this plat is true
and correct to the best of my knowledge.

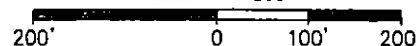
NW ARCH. AREA CORNER	NE ARCH. AREA CORNER
X= 706,349 NAD 27	X= 707,024 NAD 27
Y= 377,611	Y= 377,617
SE ARCH. AREA CORNER	SW ARCH. AREA CORNER
X= 707,030 NAD 27	X= 706,355 NAD 27
Y= 377,017	Y= 377,011
PAD CORNER 1	PAD CORNER 2
X= 706,441 NAD 27	X= 706,480 NAD 27
Y= 377,364	Y= 377,412
ELEVATION +3145' NAVD 88	ELEVATION +3146' NAVD 88
PAD CORNER 3	PAD CORNER 4
X= 706,935 NAD 27	X= 706,939 NAD 27
Y= 377,417	Y= 377,057
ELEVATION +3148' NAVD 88	ELEVATION +3146' NAVD 88

SD WE 15 FED P12 NO. 1H WELL	
X= 706,651 NAD 27	
Y= 377,314	
LAT. 32.035597	
LONG. 103.666454	
X= 747,838 NAD 83	
Y= 377,371	
LAT. 32.035722	
LONG. 103.666924	

ROBERT L. LASTRAPES
NEW MEXICO
23006
6-6-2016
Robert L. Lastrapes
Registration No. 23006

SURFACE USE PLAT

Scale: 1" = 200'



CHEVRON U.S.A. INC.
PROPOSED PAD & ACCESS ROAD
SD WE 15 FED P12 NO. 1H WELL
SECTIONS 15 & 22, T26S-R32E
LEA COUNTY, NEW MEXICO

PAGE 1 OF 2



C. H. Fenstermaker & Associates, L.L.C.
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. 1	DATE: 05/25/2016	REVISED BY: BOR
DATE: JUNE 15, 2015	No.	DATE:	REVISED BY:
FILENAME: T:\2015\2152215\DWG\SD WE 15 Fed P12 1H_SUP.dwg			

DISCLAIMER: At this time, C. H. Fenstermaker & Associates, L.L.C. 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.

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6-16-2016
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SURFACE USE PLAT

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PROPOSED PAD & ACCESS ROAD
SD WE 15 FED P12 NO. 1H WELL
SECTIONS 15 & 22, T26S-R32E
LEA COUNTY, NEW MEXICO

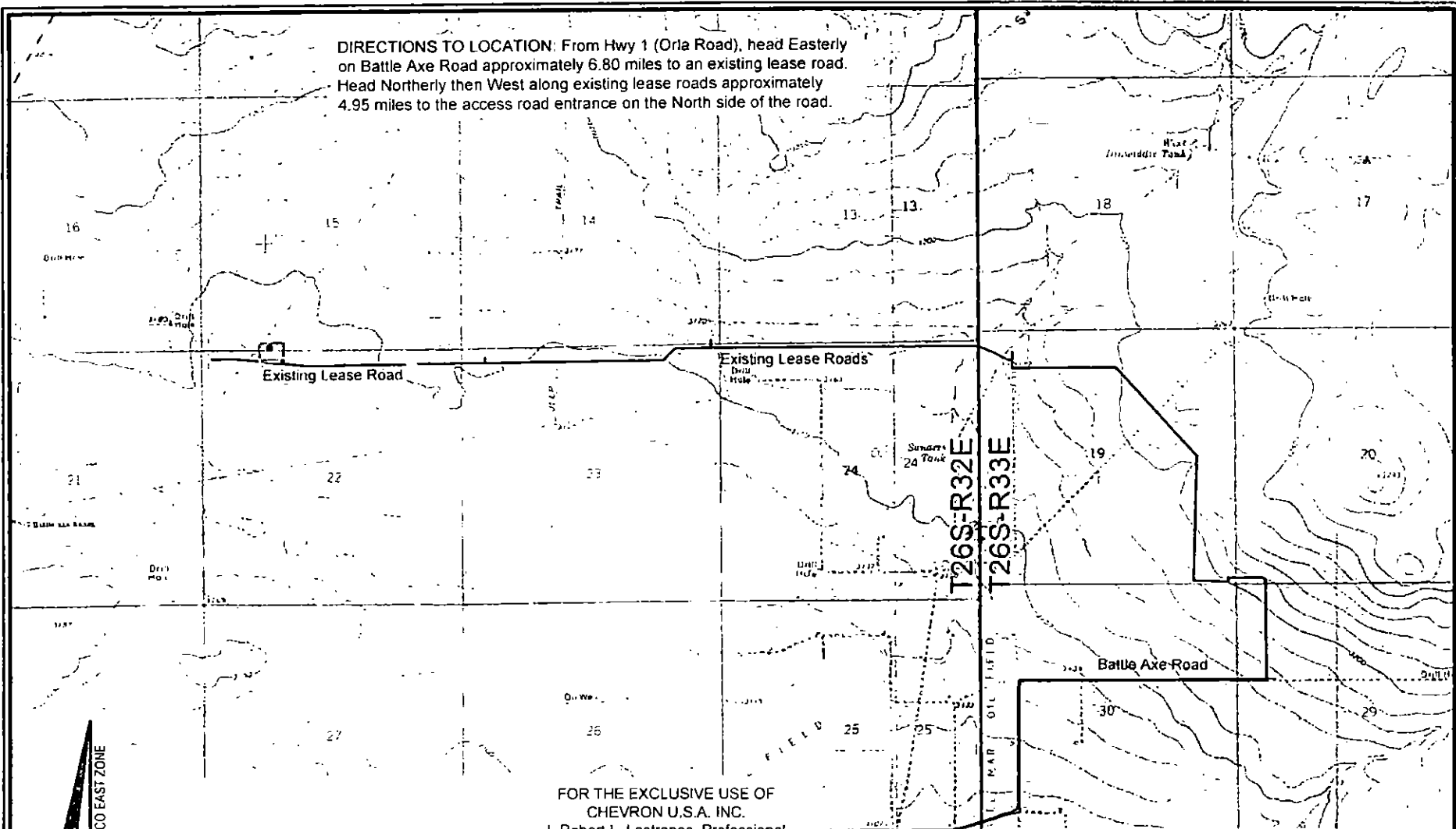
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DATE: JUNE 15, 2015	No.	DATE:	REVISED BY:
FILENAME: T:\2015\2152215\DWG\SD WE 15 Fed P12 1H_SUP.dwg			

DIRECTIONS TO LOCATION: From Hwy 1 (Orla Road), head Easterly on Battle Axe Road approximately 6.80 miles to an existing lease road. Head Northerly then West along existing lease roads approximately 4.95 miles to the access road entrance on the North side of the road.



LEGEND

- Proposed Well
- Proposed Access Road
- Proposed Drillsite
- Existing Road
- Section Line

Scale: 1" = 3,000'

3,000' 0 1,500' 3,000'

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Robert L. Lastrapes
Registration No. 23006

VICINITY MAP

CHEVRON U.S.A. INC.
SD WE 15 FED P12 NO. 1H WELL
LOCATED 52' FSL & 1385' FWL
SECTION 15, T26S-R32E
LEA COUNTY, NEW MEXICO

DRAWN BY: BOR

REVISIONS

PROJ. MGR.: VHV

No. 1

DATE: 05/25/2016

REVISED BY: BOR

DATE: JUNE 15, 2015

No.

DATE:

REVISED BY:

FILENAME: T:\2015\2152215\DWG\SD WE 15 Fed P12 1H_APD.dwg



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R 32 E

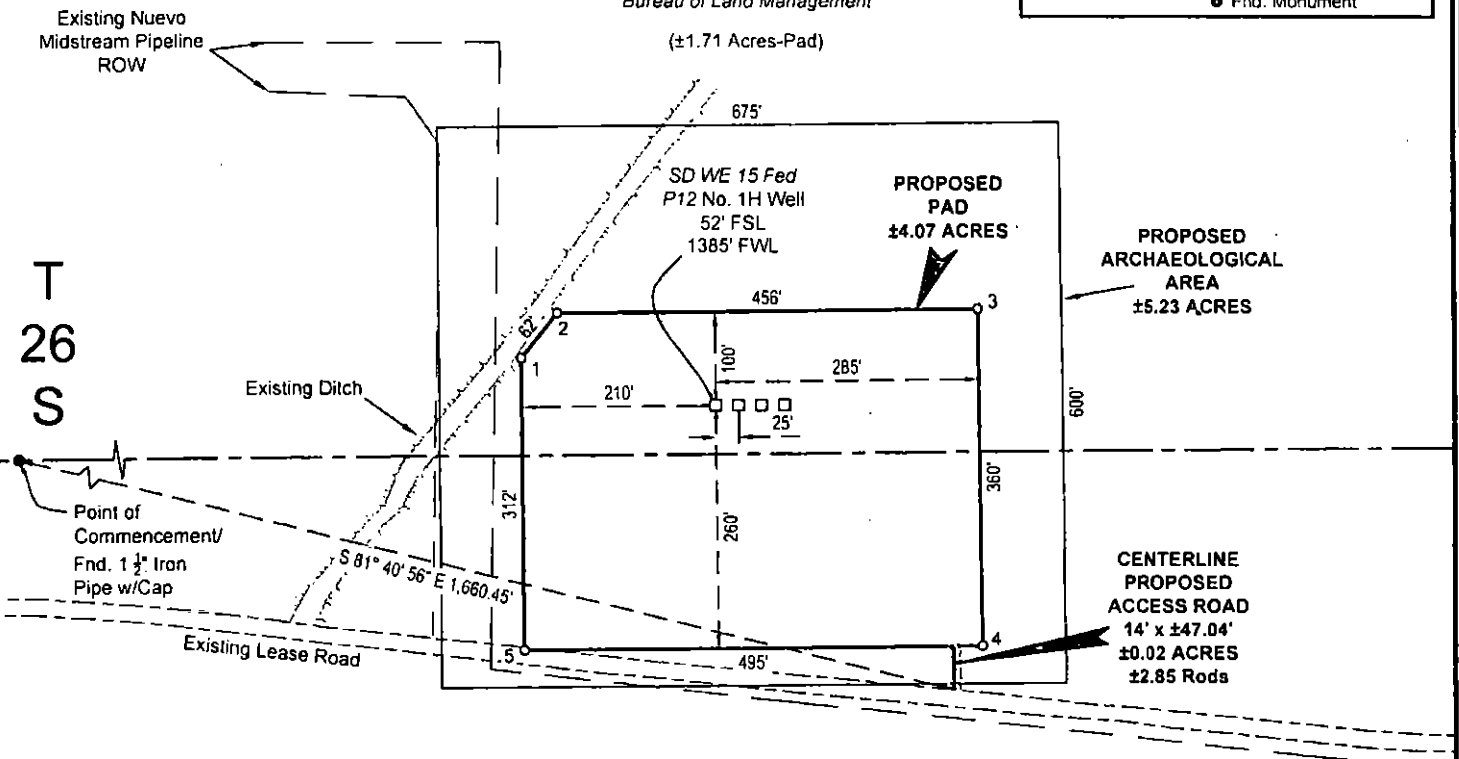
Sec. 15

Bureau of Land Management

(±1.71 Acres-Pad)

LEGEND

	Section Line
	Existing ROW
	Existing Ditch
	Existing Lease Road
	Centerline Access Road
	Fnd. Monument



Sec. 22

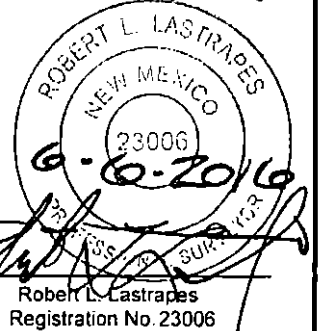
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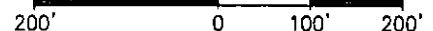
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LAT. 32.035722
LONG. 103.666924
ELEVATION +3149' NAVD 88



SURFACE USE PLAT

Scale: 1" = 200'



CHEVRON U.S.A. INC.
PROPOSED PAD & ACCESS ROAD
SD WE 15 FED P12 NO. 1H WELL
SECTIONS 15 & 22, T26S-R32E
LEA COUNTY, NEW MEXICO

PAGE 1 OF 2



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ROBERT L. LASTRAPES
NEW MEXICO
23006
6-6-2016
Robert L. Lastrapes
Registration No. 23006

SURFACE USE PLAT

CHEVRON U.S.A. INC.
PROPOSED PAD & ACCESS ROAD
SD WE 15 FED P12 NO. 1H WELL
SECTIONS 15 & 22, T26S-R32E
LEA COUNTY, NEW MEXICO

PAGE 2 OF 2



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R 32 E

Sec. 15

Bureau of Land Management

Sec. 14

Bureau of Land Management

T 26 S

Proposed Pad 12 Flowline Cluster

±6914'

Proposed Pad 12 Temporary Water Line

±10,541'

Proposed Pad 9 Flowline Cluster

±4,669'

Proposed Pad 9 Temporary Water Line

±8,076'

Proposed 60' Wide PL ROW

Existing Battery Pad

Existing Compressor Pad

Salado Draw SWD 13.41

Pad

Pad 7



Proposed 50' Wide PL ROW (Pad 9 to Pad 12)

Pad 12

Pad 9

Pad 5

Proposed Expansion

Existing Lease Road

Proposed Frac Pond

Proposed Access Road

Proposed Access Road

Existing Red Hills 1H Pad

Sec. 22

Bureau of Land Management

Sec. 23

Bureau of Land Management

Sec. 24

Bureau of Land Management

NAD 27 NEW MEXICO EAST ZONE



Scale: 1" = 1000'

1000' 0 500' 1000'



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CHEVRON U.S.A. INC.

WORK AREA DETAIL FOR THE
SD WE 15 FED P9 & P12 1H-8H WELLS
SECTIONS 15, 22, 23 & 24, T26S-R32E
LEA COUNTY, NEW MEXICO

DRAWN BY: VHV		REVISIONS	
PROJ. MGR.: VHV	No. #	DATE:	REVISED BY:
DATE: JULY 26, 2016	No. #	DATE:	REVISED BY:
FILENAME: T:\2015\2152215\DWG\Pad 9_Pad 12_AerialDetail.dwg			



Chevron U.S.A. Inc.



Location: Lea County, NM
Field: Jennings; Upper Bone Spring (Lea County, NM)
Facility: SD WE 15 Fed P12

Slot: SD WE 15 Fed P12 No. 1H
Well: SD WE 15 Fed P12 No. 1H
Wellbore: SD WE 15 Fed P12 No. 1H (PWB)

Well Profile Data								
Design Comment	MD (ft)	Inc (")	Az (")	TVD (ft)	Local N (ft)	Local E (ft)	DLS (")/100ft	VS (ft)
Tie On	32.60	0.000	272.214	32.60	0.00	0.00	0.00	0.00
Start Nudge	900.00	0.000	272.214	900.00	0.00	0.00	0.00	0.00
EOB/SOH	1900.00	10.000	272.214	1694.93	3.38	-86.98	1.00	3.62
EOH/SOD	6818.79	10.000	272.214	6837.47	37.03	-957.83	0.00	36.90
Drop to Zero	7918.79	0.000	359.828	7832.40	40.39	-1044.81	1.00	43.53
KOP: 100' FSL, 340' FWL	8651.70	0.000	359.828	8565.31	40.39	-1044.81	0.00	43.53
LP: 577' FSL, 340' FWL	9400.11	89.810	359.828	9042.77	516.27	-1048.24	12.00	519.41
BHL: 180' FNL, 340' FWL	13992.11	89.810	359.828	9058.00	5108.22	-1060.05	0.00	5111.38

Wellpath Comments							
MD (ft)	X (ft)	Y (ft)	TVD (ft)	Inclination (")	Azimuth (")	VS (ft)	Comment
9141.00	-1045.50	269.92	8973.36	58.717	359.828	273.06	FTP: 9141' MD 330' FSL, 340' FWL, 273' VS
13841.00	-1059.59	4957.11	9057.50	89.810	359.828	4960.27	LTP: 13841' MD 330' FNL, 340' FWL, 4961' VS

Location Information					
Facility Name			Grd East (US ft)	Grd North (US ft)	Latitude
SD WE 15 Fed P12			706651.000	377314.000	32°02'08.148"N
Slot			Grd East (US ft)	Grd North (US ft)	Latitude
SD WE 15 Fed P12 No. 1H			706651.000	377314.000	32°02'08.148"N
Nabors X-30 (KB) to Mean Sea Level (At Slot SD WE 15 Fed P12 No. 1H)			32.6ft		
Mean Sea Level to Mud line (At Slot SD WE 15 Fed P12 No. 1H)			-3149ft		
Nabors X-30 (KB) to Mean Sea Level			3181.6ft		

Bottom Hole Location							
MD (ft)	Inc (")	Az (")	TVD (ft)	Local N (ft)	Local E (ft)	Grd East (US ft)	Grd North (US ft)
13992.11	89.810	359.828	9058.00	5108.22	-1060.05	705591.00	382422.00

Plot reference wellpath is SD WE 15 Fed P12 No. 1H (PWP) Prehm 2		Grd System: NAD27 / TM New Mexico SP, Eastern Zone (3001), US feet
True vertical depths are referenced to Nabors X-30 (KB)		* = Wellpath was transformed from a different geodetic datum
Measured depths are referenced to Nabors X-30 (KB)		North Reference: Grd north
Nabors X-30 (KB) to Mean Sea Level: 3181.6 feet		Scale: True distance
Mean Sea Level to Mud line (At Slot SD WE 15 Fed P12 No. 1H): -3149 feet		Depths are in feet
Coordinates are in feet referenced to Slot		Created by: Isonline on 2018-08-02
		Database: WA-HOU-Metland-Gen

