



Chevron U.S.A. Inc.



Location: Lea County, NM
 Field: Jennings; Upper Bone Spring (Lea County, NM)
 Facility: SD WE 15 Fed P9

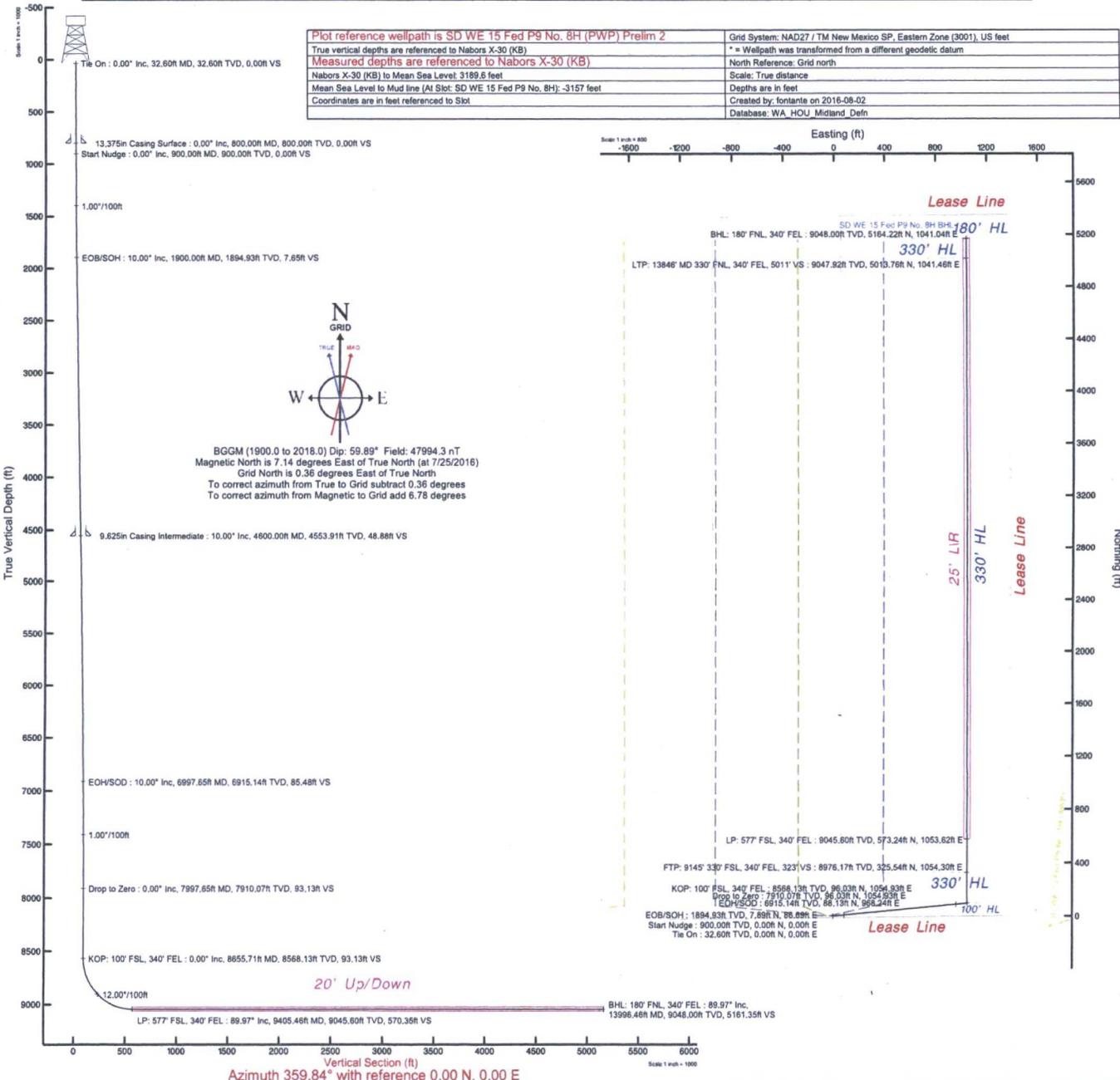
Slot: SD WE 15 Fed P9 No. 8H
 Well: SD WE 15 Fed P9 No. 8H
 Wellbore: SD WE 15 Fed P9 No. 8H (PWB)

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	84.799	32.60	0.00	0.00	0.00	0.00
Start Nudge	900.00	0.000	84.799	900.00	0.00	0.00	0.00	0.00
EOB/SOH	1900.00	10.000	84.799	1894.93	7.89	86.69	1.00	7.65
EOH/SOD	6997.65	10.000	84.799	6915.14	88.13	968.24	0.00	85.48
Drop to Zero	7997.65	0.000	359.843	7910.07	96.03	1054.93	1.00	93.13
KOP: 100' FSL, 340' FEL	8655.71	0.000	359.843	8568.13	96.03	1054.93	0.00	93.13
LP: 577' FSL, 340' FEL	9405.46	89.970	359.843	9045.60	573.24	1053.62	12.00	570.35
BHL: 180' FNL, 340' FEL	13996.46	89.970	359.843	9048.00	5164.22	1041.04	0.00	5161.35

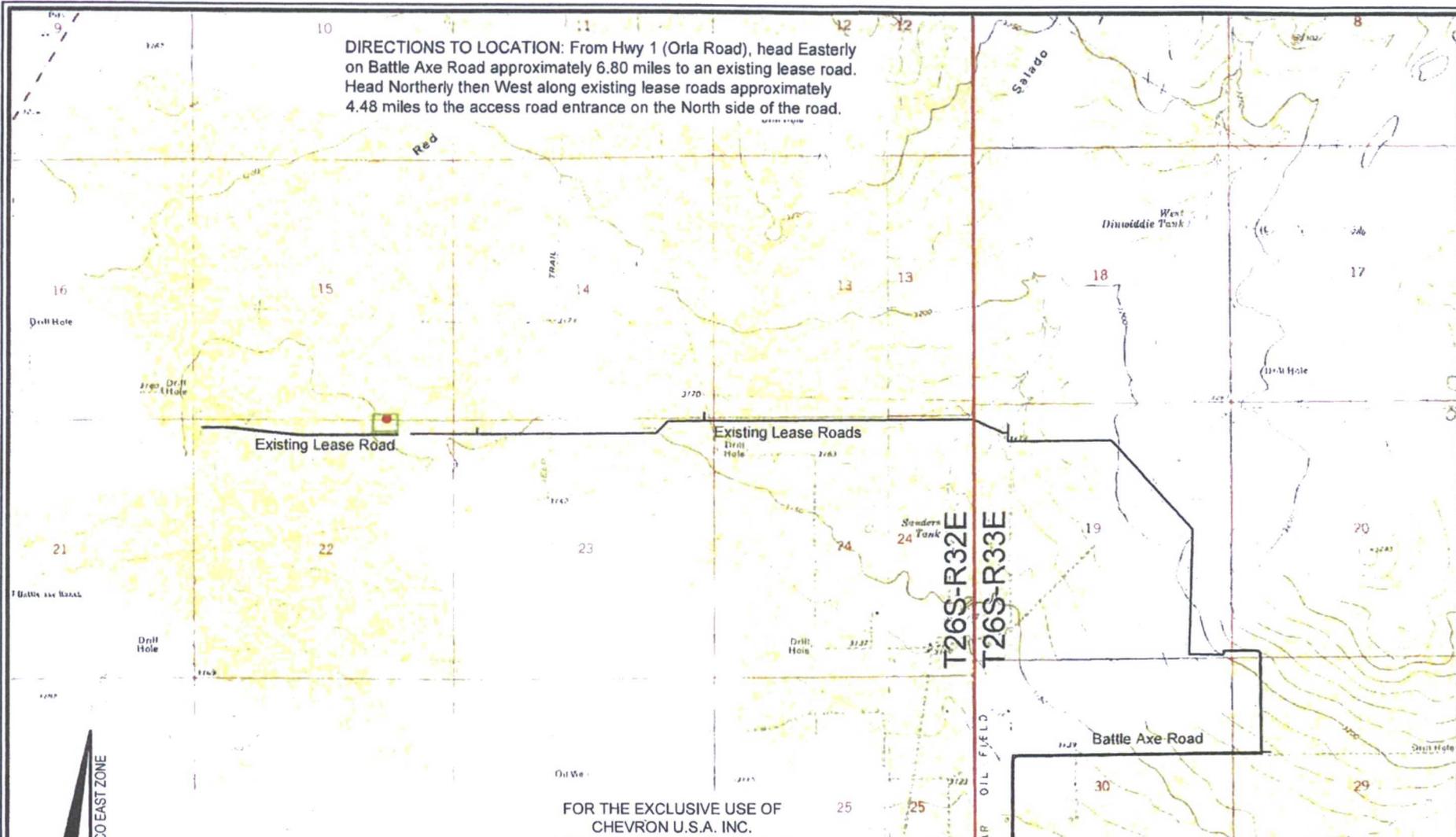
Wellpath Comments								
MD (ft)	X (ft)	Y (ft)	TVD (ft)	Inclination (°)	Azimuth (°)	VS (ft)	Comment	
9145.00	1054.30	325.54	8976.17	58.714	359.843	322.65	FTP: 9145' 330' FSL, 340' FEL, 323' VS	
13846.00	1041.46	5013.76	9047.92	89.970	359.843	5010.88	LTP: 13846' MD 330' FNL, 340' FEL, 5011' VS	

Location Information						
Facility Name			Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
SD WE 15 Fed P9			709124.000	377296.000	32°02'07.819"N	103°39'30.510"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
SD WE 15 Fed P9 No. 8H	1.00	75.00	709199.000	377297.000	32°02'07.824"N	103°39'29.638"W
Nabors X-30 (KB) to Mud line (At Slot: SD WE 15 Fed P9 No. 8H)					32.6ft	
Mean Sea Level to Mud line (At Slot: SD WE 15 Fed P9 No. 8H)					-3157ft	
Nabors X-30 (KB) to Mean Sea Level					3189.6ft	

Bottom Hole Location									
MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
13996.46	89.970	359.843	9048.00	5164.22	1041.04	710240.00	382461.00	32°02'58.863"N	103°39'17.168"W



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 4.48 miles to the access road entrance on the North side of the road.



NAD 27 NEW MEXICO EAST ZONE

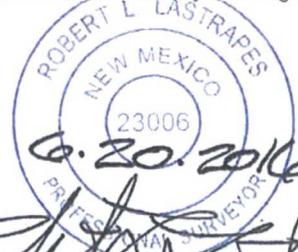
LEGEND

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

Scale: 1" = 3,000'



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.



Robert L. Lastrapes
Registration No. 23006

VICINITY MAP

CHEVRON U.S.A. INC.
SD WE 15 FED P9 NO. 8H WELL
LOCATED 12' FSL & 1396' FEL
SECTION 15, T26S-R32E
LEA COUNTY, NEW MEXICO

DRAWN BY: KJD		REVISIONS	
PROJ. MGR.: VHV	No. 1	DATE: 06/02/2016	REVISED BY: BOR
DATE: JUNE 23, 2015	No.	DATE:	REVISED BY:
FILENAME: T:\2015\215222\DWG\SD WE 15 Fed P9 8H_APD.dwg			



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

LEGEND

- Section Line
- Centerline Access Road
- - - Existing Lease Road & Drillsite
- ☼ As-Drilled Well
- Fnd. Monument

R 32 E

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Sec. 15

Bureau of Land Management

(±1.28 Acres-Pad)

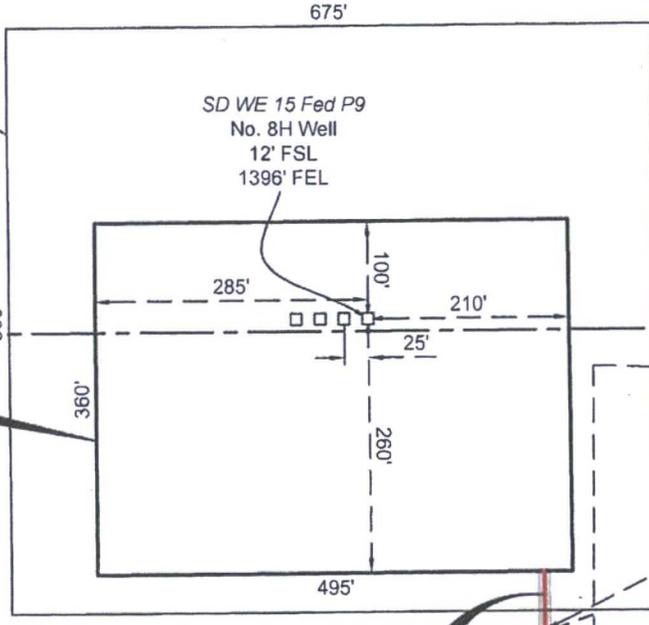
ROBERT L. LASTRAPES
NEW MEXICO
23006
6-20-2016
PROFESSIONAL SURVEYOR

Robert L. Lastrapes
Registration No. 23006

**T
26
S**

**PROPOSED
ARCHAEOLOGICAL
AREA
±5.21 ACRES**

**PROPOSED PAD
±4.09 ACRES**



Red Hills West 22 Fed Com
No. 1H Well
(As-Drilled)

Point of Commencement/
Fnd. 1 1/2" Iron
Pipe w/Cap

Existing Lease Road

**CENTERLINE
PROPOSED ACCESS ROAD**

**14' x ±61.18'
±0.02 ACRES
±3.71 Rods**

Sec. 22

Bureau of Land Management

(±2.81 Acres-Pad)

SD WE 15 FED P9 NO. 8H WELL	
X=	709,199 NAD 27
Y=	377,297
LAT.	32.035506
LONG.	103.658233

X=	750,386 NAD83
Y=	377,354
LAT.	32.035631
LONG.	103.658703
ELEVATION +3157' NAVD 88	

NW ARCH. AREA CORNER	NE ARCH. AREA CORNER	SE ARCH. AREA CORNER	SW ARCH. AREA CORNER
X= 708,822 NAD 27 Y= 377,593	X= 709,497 NAD 27 Y= 377,599	X= 709,502 NAD 27 Y= 376,999	X= 708,827 NAD 27 Y= 376,993
NW PAD CORNER	NE PAD CORNER	SE PAD CORNER	SW PAD CORNER
X= 708,913 NAD 27 Y= 377,394	X= 709,408 NAD 27 Y= 377,399	X= 709,411 NAD 27 Y= 377,039	X= 708,916 NAD 27 Y= 377,034
ELEVATION +3157' NAVD 88	ELEVATION +3157' NAVD 88	ELEVATION +3156' NAVD 88	ELEVATION +3157' NAVD 88

SURFACE USE PLAT

Scale: 1" = 200'



CHEVRON U.S.A. INC.
PROPOSED PAD & ACCESS ROAD
SD WE 15 FED P9 NO. 8H WELL
SECTIONS 15 & 22, T26S-R32E
LEA COUNTY, NEW MEXICO

PAGE 1 OF 2



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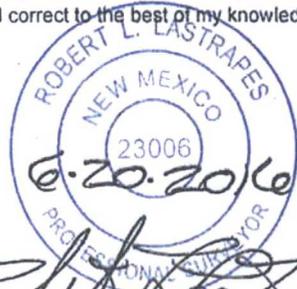
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NOTE:

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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



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SURFACE USE PLAT

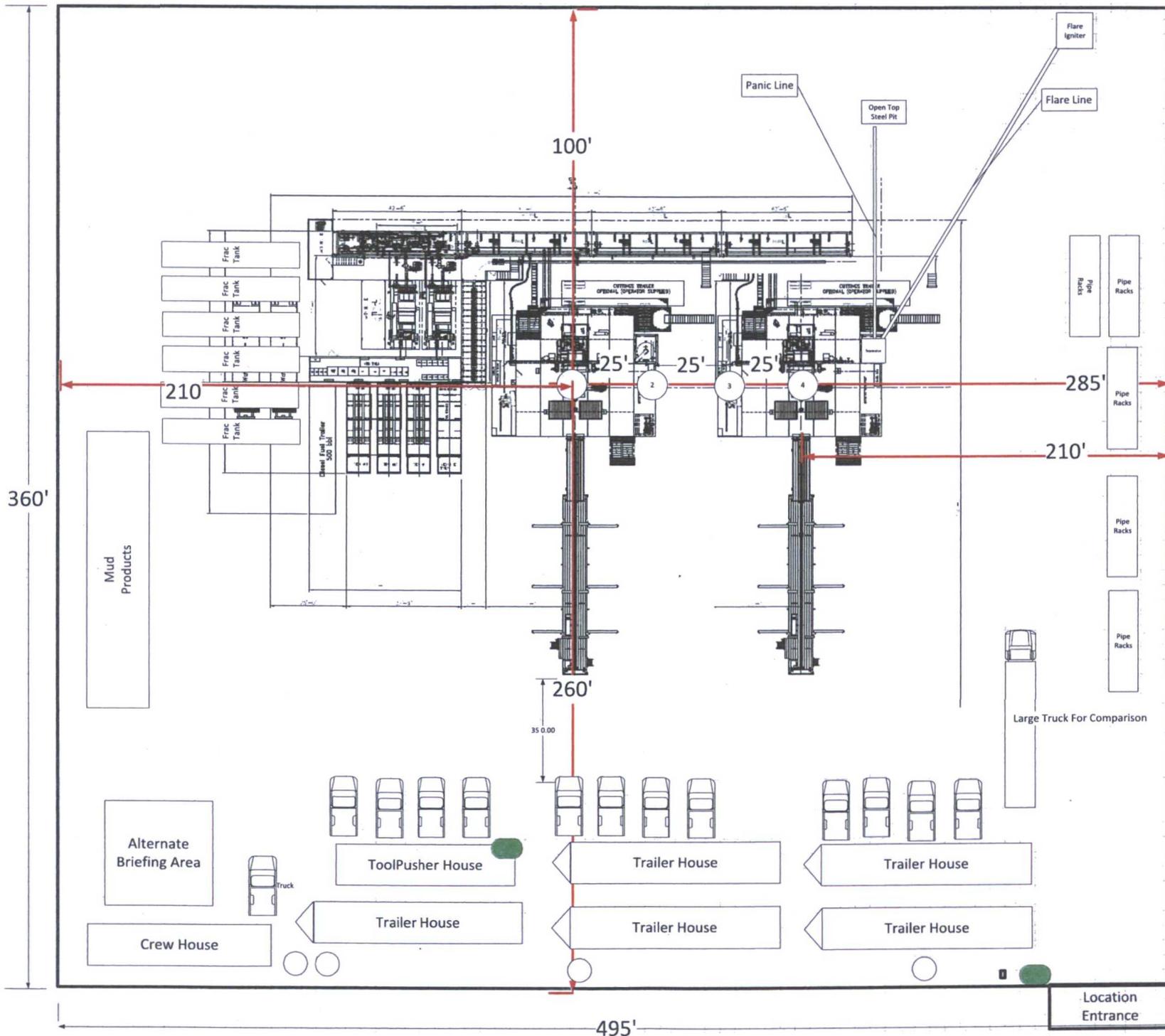
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Nabors Pace X SD Sec 15 Pad 9



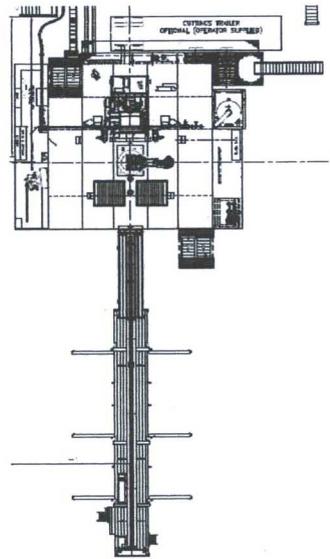
Rig layout shows rig in first and last well for illustration purposes.

- H2S Monitor Locations**
- Bop/Cellar
 - Rig Floor
 - Shaker Skid
 - Bell Nipple
- Flag Locations**
- Sign-in Shack
 - Rig Floor
 - Dog House
- 10 Minute Escape Packs**
- 1 at Pits
 - 1 at Trip Tank
 - 1 at Accumulator
 - 4 at Rig Floor
- 45 Minute Escape Packs**
- 2 at Briefing Area
 - 2 at Alternate Briefing Area

Legend

- H2S Monitor
- Flag

Location Entrance



LEGEND	
	Section Line
	Centerline Access Road
	Existing Lease Road & Drillsite
	As-Drilled Well
	Fnd. Monument

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(±1.28 Acres-Pad)

Future Interim
Reclamation Area

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6-20-2016
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T
26
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ARCHAEOLOGICAL
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±5.21 ACRES

PROPOSED PAD
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No. 1H Well
(As-Drilled)

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Point of
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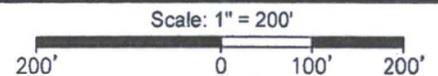
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