

District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

DISTRICT VII-ARTESIA O.C.D.

WELL API NO.
30-015-46334

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
STATE

7. Lease Name or Unit Agreement Name
LOS MEDANOS 36 23 30 STATE

8. Well Number
708H

9. OGRID Number
373075

10. Pool name or Wildcat
FORTY NINER RIDGE BONE SPRING, WEST

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
XTO PERMIAN OPERATING, LLC

3. Address of Operator
6401 HOLIDAY HILL RD, BLDG 5, MIDLAND TX 79705

4. Well Location
Unit Letter O : 348 feet from the SOUTH line and 1931 feet from the EAST line
Section 36 Township 23S Range 30E NMPM County EDDY

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3401' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☒
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

XTO Energy Permian Operating, LLC requests permission to change the drilling plan as follows:

Csg Type	Fluid Type	Mud Weight	Hole Size	Csg Size	Csg Grade	Csg Weight	Top MD	Setting Depth	Lead Cmt	Tail Cmt	Total Sks Cmt	TOC
Surf	FW/Native	8.3 - 9.7	20	16	H40 STC	64	0	550	269	275	545	0
1st Interm	Brine	9.0-10.3	14.75	11.75	H-40 STC	42	0	3900	1317	168	1484	0
2nd Interm	FW/Native	8.3-9.7	10.875	8.625	J-55 LTC	32	0	9276	1376	84	1461	0
Prod	FW/Cut Brine	8.5 - 10	7.875	5.5	P110 BTC	17	0	14906	42	664	706	8776
	OBM	9.0	7.875									

Max Expected Surface Pressure: 2436 BOP: Cameron 5M Double Ram (test pressure 5000).

Contingencies:

- DV tool may be set in 2nd intermediate between 3950-4300'.
- Request option to batch drill pad.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Kelly Kardos TITLE Regulatory Coordinator DATE 12/3/19

Type or print name Kelly Kardos E-mail address: kelly_kardos@xtoenergy.com PHONE: 432-620-4374

For State Use Only

APPROVED BY: Raymond H. Podes TITLE CEO DATE 2-11-2020
Conditions of Approval (if any):

5D Plan Report

**5D Plan Report****XTO Energy**

Field Name: *XTO NAD 27 NME*
Site Name: *Los Medanos 36 23 30 State 707H_708H*
Well Name: *Los Medanos 36 23 30 State 708H*
File number: *14026198*
Plan: *P1:V2 (Current plan)*

6 November 2019





Los Medanos 36 23 30 State 708H

Field Name: XTO NAD 27 NME	Map Units: US ft		Company Name: XTO Energy	
	Vertical Reference Datum (VRD): Mean Sea Level			
	Projected Coordinate System: NAD27 / New Mexico East			
	Comment:			
Site: Los Medanos 36 23 30 State 707H_708H	Units: US ft	North Reference: Grid	Convergence Angle: 0.27	
	Position:	Northing: 456884.90 US ft	Latitude: 32° 15' 18.35"	
		Easting: 655165.20 US ft	Longitude: -103° 49' 53.04"	
	Elevation above MSL: 3401.00 US ft			
Comment:				
Slot: Los Medanos 36 23 30 State 708H	Position (Relative to Site Centre)			
	+N/-S: -30.00 US ft	Northing: 456854.90 US ft	Latitude: 32° 15' 18.05"	
	+E/-W: 0.00 US ft	Easting: 655165.20 US ft	Longitude: -103° 49' 53.04"	
	Elevation above MSL: 3401.00 US ft			
Comment:				
Well: Los Medanos 36 23 30 State 708H	Type: Main well	UWI:	Plan: P1:V2 (Current plan)	
	File Number: 14026198	Comment:		
	Closure Distance: 5145 US ft	Closure Azimuth: 17.86°		
	Vertical Section: Position of Origin (Relative to Slot centre)			
	+N/-S: 0.00 US ft	+E/-W: 0.00 US ft	Az: 359.73°	
	Magnetic Parameters:			
Model: MagVar IFR	Field Strength: 47817.0nT	Declination: 6.93°	Dip: 59.95°	Date: 05/Dec/2019

Drill floor: Plan: P1:V2 (Current plan)

Rig Height (Drill Floor): 25.00US ft **Elevation above MSL:** 3426.00US ft **Inclination:** 0.00° **Azimuth:** 0.00°

Target set: Los Medanos 36 23 30 State 708H Comment:

Target Name:	TVD (US ft)	TVD (MSL) (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (USft)	Easting (USft)	C.Pt.Distance (US ft)	Comment
FTP	9821.00	6395.00	-235.50	1602.10	456619.40	656767.30	202.48	
LTP	9821.00	6395.00	4847.00	1578.30	461701.90	656743.50	0.04	
PBHL 708H	9821.00	6395.00	4897.00	1578.10	461751.90	656743.30	0.00	

Tie Point:

MD: 0.00USft **Inclination:** 0.00° **Azimuth:** 0.00° **TVD:** 0.00USft **North Offset:** 0.00USft **East Offset:** 0.00USft

5D Plan Report

Survey Tool Ranges: (Using Anticipated Survey Programme)

Name	Start MD(USft)	End MD(USft)	Source Survey
MWD + IFR	0.00	9376.00	ASP
MWD + IFR + MS	9376.00	14950.00	ASP

Casing Points: (Relative to Slot centre)(TVD relative to Drill Floor)

MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	TVD (MSL) (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	Name
611.00	0.00	0.00	611.00	-2815.00	0.00	0.00	456854.90	655165.20	13 3/8 in
3896.97	10.55	100.83	3851.00	425.00	-97.54	510.07	456757.36	655675.27	9 5/8 in

Wellpath created using minimum curvature.

Salient Points: (Relative to Slot centre)(TVD relative to Drill Floor)

MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	TVD (MSL) (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	B. Rate (°/100US ft)	T. Rate (°/100US ft)	T. Face (°)	DLS (°/100US ft)	Comment
0.00	0.00	0.00	0.00	-3426.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
611.00	0.00	0.00	611.00	-2815.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13 3/8 in
711.00	0.00	0.00	711.00	-2715.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Nudge
1414.63	10.55	100.83	1410.66	-2015.34	-12.44	-12.14	63.47	1.50	0.00	100.83	1.50	Hold
3896.97	10.55	100.83	3851.00	425.00	-99.94	-97.54	510.07	0.00	0.00	0.00	0.00	9 5/8 in
9376.19	10.55	100.83	9237.52	5811.52	-293.09	-286.05	1495.84	0.00	0.00	0.00	0.00	KOP
10296.39	90.00	359.73	9821.00	6395.00	279.51	287.05	1599.82	8.63	-10.99	259.09	10.00	LP
14906.39	90.00	359.73	9821.00	6395.00	4889.51	4897.00	1578.10	0.00	0.00	0.00	0.00	PBHL 708H

Interpolated Points: (Relative to Slot centre)(TVD relative to Drill Floor)

MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	TVD (MSL) (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment
0.00	0.00	0.00	0.00	-3426.00	0.00	0.00	0.00	456854.90	655165.20	0.00	
100.00	0.00	0.00	100.00	-3326.00	0.00	0.00	0.00	456854.90	655165.20	0.00	
200.00	0.00	0.00	200.00	-3226.00	0.00	0.00	0.00	456854.90	655165.20	0.00	
300.00	0.00	0.00	300.00	-3126.00	0.00	0.00	0.00	456854.90	655165.20	0.00	
400.00	0.00	0.00	400.00	-3026.00	0.00	0.00	0.00	456854.90	655165.20	0.00	
500.00	0.00	0.00	500.00	-2926.00	0.00	0.00	0.00	456854.90	655165.20	0.00	
600.00	0.00	0.00	600.00	-2826.00	0.00	0.00	0.00	456854.90	655165.20	0.00	
611.00	0.00	0.00	611.00	-2815.00	0.00	0.00	0.00	456854.90	655165.20	0.00	13 3/8 in
700.00	0.00	0.00	700.00	-2726.00	0.00	0.00	0.00	456854.90	655165.20	0.00	
711.00	0.00	0.00	711.00	-2715.00	0.00	0.00	0.00	456854.90	655165.20	0.00	Nudge
800.00	1.33	100.83	799.99	-2626.01	-0.20	-0.19	1.02	456854.71	655166.22	1.50	
900.00	2.83	100.83	899.92	-2526.08	-0.90	-0.88	4.59	456854.02	655169.79	1.50	
1000.00	4.33	100.83	999.72	-2426.28	-2.10	-2.05	10.73	456852.85	655175.93	1.50	
1100.00	5.83	100.83	1099.33	-2326.67	-3.81	-3.72	19.44	456851.18	655184.64	1.50	
1200.00	7.33	100.83	1198.67	-2227.33	-6.02	-5.87	30.70	456849.03	655195.90	1.50	
1300.00	8.83	100.83	1297.67	-2128.33	-8.72	-8.51	44.52	456846.39	655209.72	1.50	
1400.00	10.33	100.83	1396.27	-2029.73	-11.93	-11.64	60.87	456843.26	655226.07	1.50	
1414.63	10.55	100.83	1410.66	-2015.34	-12.44	-12.14	63.47	456842.76	655228.67	1.50	Hold
1500.00	10.55	100.83	1494.58	-1931.42	-15.45	-15.08	78.83	456839.82	655244.03	0.00	
1600.00	10.55	100.83	1592.89	-1833.11	-18.97	-18.52	96.82	456836.38	655262.02	0.00	
1700.00	10.55	100.83	1691.20	-1734.80	-22.50	-21.96	114.82	456832.94	655280.02	0.00	
1800.00	10.55	100.83	1789.51	-1636.49	-26.02	-25.40	132.81	456829.50	655298.01	0.00	
1900.00	10.55	100.83	1887.82	-1538.18	-29.55	-28.84	150.80	456826.06	655316.00	0.00	
2000.00	10.55	100.83	1986.12	-1439.88	-33.07	-32.28	168.79	456822.62	655333.99	0.00	
2100.00	10.55	100.83	2084.43	-1341.57	-36.60	-35.72	186.78	456819.18	655351.98	0.00	
2200.00	10.55	100.83	2182.74	-1243.26	-40.12	-39.16	204.77	456815.74	655369.97	0.00	
2300.00	10.55	100.83	2281.05	-1144.95	-43.65	-42.60	222.76	456812.30	655387.96	0.00	
2400.00	10.55	100.83	2379.36	-1046.64	-47.17	-46.04	240.75	456808.86	655405.95	0.00	
2500.00	10.55	100.83	2477.66	-948.34	-50.70	-49.48	258.74	456805.42	655423.94	0.00	
2600.00	10.55	100.83	2575.97	-850.03	-54.22	-52.92	276.73	456801.98	655441.93	0.00	
2700.00	10.55	100.83	2674.28	-751.72	-57.75	-56.36	294.73	456798.54	655459.93	0.00	
2800.00	10.55	100.83	2772.59	-653.41	-61.27	-59.80	312.72	456795.10	655477.92	0.00	
2900.00	10.55	100.83	2870.90	-555.10	-64.80	-63.24	330.71	456791.66	655495.91	0.00	

5D Plan Report

Interpolated Points: (Relative to Slot centre)(TVD relative to Drill Floor)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	TVD (MSL) (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment
3000.00	10.55	100.83	2969.20	-456.80	-68.32	-66.68	348.70	456788.22	655513.90	0.00	
3100.00	10.55	100.83	3067.51	-358.49	-71.85	-70.12	366.69	456784.78	655531.89	0.00	
3200.00	10.55	100.83	3165.82	-260.18	-75.37	-73.56	384.68	456781.34	655549.88	0.00	
3300.00	10.55	100.83	3264.13	-161.87	-78.90	-77.00	402.67	456777.90	655567.87	0.00	
3400.00	10.55	100.83	3362.44	-63.56	-82.42	-80.44	420.66	456774.46	655585.86	0.00	
3500.00	10.55	100.83	3460.75	34.75	-85.95	-83.88	438.65	456771.02	655603.85	0.00	
3600.00	10.55	100.83	3559.05	133.05	-89.47	-87.32	456.64	456767.58	655621.84	0.00	
3700.00	10.55	100.83	3657.36	231.36	-93.00	-90.76	474.64	456764.14	655639.84	0.00	
3800.00	10.55	100.83	3755.67	329.67	-96.52	-94.20	492.63	456760.70	655657.83	0.00	
3896.97	10.55	100.83	3851.00	425.00	-99.94	-97.54	510.07	456757.36	655675.27	0.00	9 5/8 in
3900.00	10.55	100.83	3853.98	427.98	-100.05	-97.64	510.62	456757.26	655675.82	0.00	
4000.00	10.55	100.83	3952.29	526.29	-103.57	-101.08	528.61	456753.82	655693.81	0.00	
4100.00	10.55	100.83	4050.59	624.59	-107.10	-104.53	546.60	456750.37	655711.80	0.00	
4200.00	10.55	100.83	4148.90	722.90	-110.63	-107.97	564.59	456746.93	655729.79	0.00	
4300.00	10.55	100.83	4247.21	821.21	-114.15	-111.41	582.58	456743.49	655747.78	0.00	
4400.00	10.55	100.83	4345.52	919.52	-117.68	-114.85	600.57	456740.05	655765.77	0.00	
4500.00	10.55	100.83	4443.83	1017.83	-121.20	-118.29	618.56	456736.61	655783.76	0.00	
4600.00	10.55	100.83	4542.13	1116.13	-124.73	-121.73	636.55	456733.17	655801.75	0.00	
4700.00	10.55	100.83	4640.44	1214.44	-128.25	-125.17	654.55	456729.73	655819.75	0.00	
4800.00	10.55	100.83	4738.75	1312.75	-131.78	-128.61	672.54	456726.29	655837.74	0.00	
4900.00	10.55	100.83	4837.06	1411.06	-135.30	-132.05	690.53	456722.85	655855.73	0.00	
5000.00	10.55	100.83	4935.37	1509.37	-138.83	-135.49	708.52	456719.41	655873.72	0.00	
5100.00	10.55	100.83	5033.68	1607.68	-142.35	-138.93	726.51	456715.97	655891.71	0.00	
5200.00	10.55	100.83	5131.98	1705.98	-145.88	-142.37	744.50	456712.53	655909.70	0.00	
5300.00	10.55	100.83	5230.29	1804.29	-149.40	-145.81	762.49	456709.09	655927.69	0.00	
5400.00	10.55	100.83	5328.60	1902.60	-152.93	-149.25	780.48	456705.65	655945.68	0.00	
5500.00	10.55	100.83	5426.91	2000.91	-156.45	-152.69	798.47	456702.21	655963.67	0.00	
5600.00	10.55	100.83	5525.22	2099.22	-159.98	-156.13	816.47	456698.77	655981.67	0.00	
5700.00	10.55	100.83	5623.52	2197.52	-163.50	-159.57	834.46	456695.33	655999.66	0.00	
5800.00	10.55	100.83	5721.83	2295.83	-167.03	-163.01	852.45	456691.89	656017.65	0.00	
5900.00	10.55	100.83	5820.14	2394.14	-170.55	-166.45	870.44	456688.45	656035.64	0.00	
6000.00	10.55	100.83	5918.45	2492.45	-174.08	-169.89	888.43	456685.01	656053.63	0.00	
6100.00	10.55	100.83	6016.76	2590.76	-177.60	-173.33	906.42	456681.57	656071.62	0.00	
6200.00	10.55	100.83	6115.06	2689.06	-181.13	-176.77	924.41	456678.13	656089.61	0.00	
6300.00	10.55	100.83	6213.37	2787.37	-184.65	-180.21	942.40	456674.69	656107.60	0.00	
6400.00	10.55	100.83	6311.68	2885.68	-188.18	-183.65	960.39	456671.25	656125.59	0.00	
6500.00	10.55	100.83	6409.99	2983.99	-191.70	-187.09	978.38	456667.81	656143.58	0.00	
6600.00	10.55	100.83	6508.30	3082.30	-195.23	-190.54	996.38	456664.36	656161.58	0.00	
6700.00	10.55	100.83	6606.61	3180.61	-198.75	-193.98	1014.37	456660.92	656179.57	0.00	
6800.00	10.55	100.83	6704.91	3278.91	-202.28	-197.42	1032.36	456657.48	656197.56	0.00	
6900.00	10.55	100.83	6803.22	3377.22	-205.80	-200.86	1050.35	456654.04	656215.55	0.00	
7000.00	10.55	100.83	6901.53	3475.53	-209.33	-204.30	1068.34	456650.60	656233.54	0.00	
7100.00	10.55	100.83	6999.84	3573.84	-212.85	-207.74	1086.33	456647.16	656251.53	0.00	
7200.00	10.55	100.83	7098.15	3672.15	-216.38	-211.18	1104.32	456643.72	656269.52	0.00	
7300.00	10.55	100.83	7196.45	3770.45	-219.90	-214.62	1122.31	456640.28	656287.51	0.00	
7400.00	10.55	100.83	7294.76	3868.76	-223.43	-218.06	1140.30	456636.84	656305.50	0.00	
7500.00	10.55	100.83	7393.07	3967.07	-226.95	-221.50	1158.29	456633.40	656323.49	0.00	
7600.00	10.55	100.83	7491.38	4065.38	-230.48	-224.94	1176.29	456629.96	656341.49	0.00	
7700.00	10.55	100.83	7589.69	4163.69	-234.00	-228.38	1194.28	456626.52	656359.48	0.00	
7800.00	10.55	100.83	7687.99	4261.99	-237.53	-231.82	1212.27	456623.08	656377.47	0.00	
7900.00	10.55	100.83	7786.30	4360.30	-241.06	-235.26	1230.26	456619.64	656395.46	0.00	
8000.00	10.55	100.83	7884.61	4458.61	-244.58	-238.70	1248.25	456616.20	656413.45	0.00	
8100.00	10.55	100.83	7982.92	4556.92	-248.11	-242.14	1266.24	456612.76	656431.44	0.00	
8200.00	10.55	100.83	8081.23	4655.23	-251.63	-245.58	1284.23	456609.32	656449.43	0.00	
8300.00	10.55	100.83	8179.54	4753.54	-255.16	-249.02	1302.22	456605.88	656467.42	0.00	
8400.00	10.55	100.83	8277.84	4851.84	-258.68	-252.46	1320.21	456602.44	656485.41	0.00	
8500.00	10.55	100.83	8376.15	4950.15	-262.21	-255.90	1338.20	456599.00	656503.40	0.00	
8600.00	10.55	100.83	8474.46	5048.46	-265.73	-259.34	1356.20	456595.56	656521.40	0.00	

5D Plan Report

Interpolated Points: (Relative to Slot centre)(TVD relative to Drill Floor)											Comment
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	TVD (MSL) (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	
8700.00	10.55	100.83	8572.77	5146.77	-269.26	-262.78	1374.19	456592.12	656539.39	0.00	
8800.00	10.55	100.83	8671.08	5245.08	-272.78	-266.22	1392.18	456588.68	656557.38	0.00	
8900.00	10.55	100.83	8769.38	5343.38	-276.31	-269.66	1410.17	456585.24	656575.37	0.00	
9000.00	10.55	100.83	8867.69	5441.69	-279.83	-273.10	1428.16	456581.80	656593.36	0.00	
9100.00	10.55	100.83	8966.00	5540.00	-283.36	-276.54	1446.15	456578.36	656611.35	0.00	
9200.00	10.55	100.83	9064.31	5638.31	-286.88	-279.99	1464.14	456574.91	656629.34	0.00	
9300.00	10.55	100.83	9162.62	5736.62	-290.41	-283.43	1482.13	456571.47	656647.33	0.00	
9376.19	10.55	100.83	9237.52	5811.52	-293.09	-286.05	1495.84	456568.85	656661.04	0.00	KOP
9400.00	10.37	87.72	9260.94	5834.94	-293.44	-286.37	1500.12	456568.53	656665.32	10.00	
9500.00	14.61	44.26	9358.75	5932.75	-284.11	-276.96	1517.96	456577.94	656683.16	10.00	
9600.00	22.75	25.59	9453.48	6027.48	-257.65	-250.42	1535.16	456604.48	656700.36	10.00	
9700.00	31.92	16.80	9542.26	6116.26	-214.87	-207.57	1551.19	456647.33	656716.39	10.00	
9800.00	41.45	11.68	9622.38	6196.38	-157.07	-149.70	1565.57	456705.20	656730.77	10.00	
9900.00	51.13	8.20	9691.41	6265.41	-86.01	-78.57	1577.85	456776.33	656743.05	10.00	
10000.00	60.89	5.57	9747.25	6321.25	-3.84	3.64	1587.68	456858.54	656752.88	10.00	
10100.00	70.69	3.40	9788.21	6362.21	86.94	94.46	1594.74	456949.36	656759.94	10.00	
10200.00	80.52	1.48	9813.04	6387.04	183.57	191.11	1598.82	457046.01	656764.02	10.00	
10296.39	90.00	359.73	9821.00	6395.00	279.51	287.05	1599.82	457141.95	656765.02	10.00	LP
10300.00	90.00	359.73	9821.00	6395.00	283.12	290.66	1599.81	457145.56	656765.01	0.00	
10400.00	90.00	359.73	9821.00	6395.00	383.12	390.66	1599.34	457245.56	656764.54	0.00	
10500.00	90.00	359.73	9821.00	6395.00	483.12	490.66	1598.86	457345.56	656764.06	0.00	
10600.00	90.00	359.73	9821.00	6395.00	583.12	590.66	1598.39	457445.56	656763.59	0.00	
10700.00	90.00	359.73	9821.00	6395.00	683.12	690.66	1597.92	457545.56	656763.12	0.00	
10800.00	90.00	359.73	9821.00	6395.00	783.12	790.65	1597.45	457645.55	656762.65	0.00	
10900.00	90.00	359.73	9821.00	6395.00	883.12	890.65	1596.98	457745.55	656762.18	0.00	
11000.00	90.00	359.73	9821.00	6395.00	983.12	990.65	1596.51	457845.55	656761.71	0.00	
11100.00	90.00	359.73	9821.00	6395.00	1083.12	1090.65	1596.04	457945.55	656761.24	0.00	
11200.00	90.00	359.73	9821.00	6395.00	1183.12	1190.65	1595.57	458045.55	656760.77	0.00	
11300.00	90.00	359.73	9821.00	6395.00	1283.12	1290.65	1595.09	458145.55	656760.29	0.00	
11400.00	90.00	359.73	9821.00	6395.00	1383.12	1390.65	1594.62	458245.55	656759.82	0.00	
11500.00	90.00	359.73	9821.00	6395.00	1483.12	1490.65	1594.15	458345.55	656759.35	0.00	
11600.00	90.00	359.73	9821.00	6395.00	1583.12	1590.65	1593.68	458445.55	656758.88	0.00	
11700.00	90.00	359.73	9821.00	6395.00	1683.12	1690.64	1593.21	458545.54	656758.41	0.00	
11800.00	90.00	359.73	9821.00	6395.00	1783.12	1790.64	1592.74	458645.54	656757.94	0.00	
11900.00	90.00	359.73	9821.00	6395.00	1883.12	1890.64	1592.27	458745.54	656757.47	0.00	
12000.00	90.00	359.73	9821.00	6395.00	1983.12	1990.64	1591.80	458845.54	656757.00	0.00	
12100.00	90.00	359.73	9821.00	6395.00	2083.12	2090.64	1591.32	458945.54	656756.52	0.00	
12200.00	90.00	359.73	9821.00	6395.00	2183.12	2190.64	1590.85	459045.54	656756.05	0.00	
12300.00	90.00	359.73	9821.00	6395.00	2283.12	2290.64	1590.38	459145.54	656755.58	0.00	
12400.00	90.00	359.73	9821.00	6395.00	2383.12	2390.64	1589.91	459245.54	656755.11	0.00	
12500.00	90.00	359.73	9821.00	6395.00	2483.12	2490.64	1589.44	459345.54	656754.64	0.00	
12600.00	90.00	359.73	9821.00	6395.00	2583.12	2590.63	1588.97	459445.53	656754.17	0.00	
12700.00	90.00	359.73	9821.00	6395.00	2683.12	2690.63	1588.50	459545.53	656753.70	0.00	
12800.00	90.00	359.73	9821.00	6395.00	2783.12	2790.63	1588.03	459645.53	656753.23	0.00	
12900.00	90.00	359.73	9821.00	6395.00	2883.12	2890.63	1587.55	459745.53	656752.75	0.00	
13000.00	90.00	359.73	9821.00	6395.00	2983.12	2990.63	1587.08	459845.53	656752.28	0.00	
13100.00	90.00	359.73	9821.00	6395.00	3083.12	3090.63	1586.61	459945.53	656751.81	0.00	
13200.00	90.00	359.73	9821.00	6395.00	3183.12	3190.63	1586.14	460045.53	656751.34	0.00	
13300.00	90.00	359.73	9821.00	6395.00	3283.12	3290.63	1585.67	460145.53	656750.87	0.00	
13400.00	90.00	359.73	9821.00	6395.00	3383.12	3390.63	1585.20	460245.53	656750.40	0.00	
13500.00	90.00	359.73	9821.00	6395.00	3483.12	3490.62	1584.73	460345.52	656749.93	0.00	
13600.00	90.00	359.73	9821.00	6395.00	3583.12	3590.62	1584.26	460445.52	656749.46	0.00	
13700.00	90.00	359.73	9821.00	6395.00	3683.12	3690.62	1583.78	460545.52	656748.98	0.00	
13800.00	90.00	359.73	9821.00	6395.00	3783.12	3790.62	1583.31	460645.52	656748.51	0.00	
13900.00	90.00	359.73	9821.00	6395.00	3883.12	3890.62	1582.84	460745.52	656748.04	0.00	
14000.00	90.00	359.73	9821.00	6395.00	3983.12	3990.62	1582.37	460845.52	656747.57	0.00	
14100.00	90.00	359.73	9821.00	6395.00	4083.12	4090.62	1581.90	460945.52	656747.10	0.00	
14200.00	90.00	359.73	9821.00	6395.00	4183.12	4190.62	1581.43	461045.52	656746.63	0.00	

5D Plan Report

Interpolated Points: (Relative to Slot centre)(TVD relative to Drill Floor)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	TVD (MSL) (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment.
14300.00	90.00	359.73	9821.00	6395.00	4283.12	4290.62	1580.96	461145.52	656746.16	0.00	
14400.00	90.00	359.73	9821.00	6395.00	4383.12	4390.61	1580.49	461245.51	656745.69	0.00	
14500.00	90.00	359.73	9821.00	6395.00	4483.12	4490.61	1580.02	461345.51	656745.22	0.00	
14600.00	90.00	359.73	9821.00	6395.00	4583.12	4590.61	1579.54	461445.51	656744.74	0.00	
14700.00	90.00	359.73	9821.00	6395.00	4683.12	4690.61	1579.07	461545.51	656744.27	0.00	
14800.00	90.00	359.73	9821.00	6395.00	4783.12	4790.61	1578.60	461645.51	656743.80	0.00	
14900.00	90.00	359.73	9821.00	6395.00	4883.12	4890.61	1578.13	461745.51	656743.33	0.00	
14906.39	90.00	359.73	9821.00	6395.00	4889.51	4897.00	1578.10	461751.90	656743.30	0.00	PBHL 708H

Formation Points: (Relative to Slot centre)(TVD relative to Drill Floor)											
Name	MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	TVD (MSL) (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	Comment	
Rustler	416.00	0.00	0.00	416.00	-3010.00	0.00	0.00	456854.90	655165.20		
Magenta Dolomite	496.00	0.00	0.00	496.00	-2930.00	0.00	0.00	456854.90	655165.20		
Top Salt	611.00	0.00	0.00	611.00	-2815.00	0.00	0.00	456854.90	655165.20		
Base Salt	3846.11	10.55	100.83	3801.00	375.00	-95.79	500.92	456759.11	655666.12		
Delaware	4105.50	10.55	100.83	4056.00	630.00	-104.71	547.59	456750.19	655712.79		
Bone Spring	8042.10	10.55	100.83	7926.00	4500.00	-240.15	1255.82	456614.75	656421.02		
1st Bone Spring	9089.83	10.55	100.83	8956.00	5530.00	-276.19	1444.32	456578.71	656609.52		
2nd Bone LM	9549.28	18.40	33.07	9406.00	5980.00	-265.98	1526.55	456588.92	656691.75		
2nd Bone Spring	10125.09	73.16	2.90	9796.00	6370.00	118.27	1596.05	456973.17	656761.25		