

Submit 1 Copy To Appropriate District Office

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

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

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.)		WELL API NO. 30-015-44620
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Marathon Oil Permian LLC.		6. State Oil & Gas Lease No.
3. Address of Operator 5555 San Felipe St, Houston, TX 77056		7. Lease Name or Unit Agreement Name Sterling State 23 27 20 WA
4. Well Location Unit Letter <u>O</u> : <u>603</u> feet from the <u>South</u> line and <u>1412</u> feet from the <u>East</u> line Section <u>20</u> Township <u>23S</u> Range <u>27E</u> NMPM County <u>Edd</u>		8. Well Number <u>6H</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3181'		9. OGRID Number 372098
		10. Pool name or Wildcat Purple Sage; Wolfcamp (Gas)

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.

Marathon Oil Permian LLC. experienced a pressure spike at 11,236 ft MD while drilling the lateral sidetrack (previously approved) for this well. After TOOH it was found that the mud motor parted and left 16 ft of motor along with bearing assembly and bit. MOP's plan forward is to perform an open hole side track at 10,388 ft, re-drill lateral and run and cement 4 1/2" liner Please find the sidetrack 2 directional attached.

NM OIL CONSERVATION
ARTESIA DISTRICT

MAR 20 2018

RECEIVED

Spud Date:

02/07/2018

Rig Release Date:

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

SIGNATURE

TITLE

Regulatory Compliance Representative

DATE

03/20/2018

Type or print name

Melissa Szudera

E-mail address:

mszudera@marathonoil.com

PHONE:

713-296-3179

For State Use Only

APPROVED BY

TITLE

Geologist

DATE

3-20-2018

Conditions of Approval (if any):

**NM OIL CONSERVATION
ARTESIA DISTRICT**

MAR 20 2018

RECEIVED

Marathon Oil Permian, LLC

Eddy County, NM (NAD27)

Sterling State 23-27-20

WA #6H

ST2

Plan: ST2 Plan #1c

Standard Planning Report

19 March, 2018



www.scientificdrilling.com

Planning Report

Database:	Midland District	Local Coordinate Reference:	Well WA #6H
Company:	Marathon Oil Permian, LLC	North Magnetic:	KB = 25' @ 3206.00usft (Precision 594)
Project:	Eddy County, NM (NAD27)	North True:	KB = 25' @ 3206.00usft (Precision 594)
Site:	Sterling State 23-27-20	North Datum:	Grid
Well:	WA #6H	Surveyed on:	Minimum Curvature
Wellbore:	ST2		
Design:	ST2 Plan #1c		

Project:	Eddy County, NM (NAD27)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		Using geodetic scale factor

Site:	Sterling State 23-27-20		
Site Position:		Northing:	467,254.93 usft
From:	Map	Easting:	538,802.63 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16"
		Latitude:	32° 17' 4.337 N
		Longitude:	104° 12' 27.980 W
		Grid Convergence:	0.07 °

Well:	WA #6H		
Well Position	+N-S	0.00 usft	Northing:
	+E-W	50.00 usft	Easting:
Position Uncertainty	0.00 usft	Wellhead Elevation:	0.00 usft
		Latitude:	32° 17' 4.336 N
		Longitude:	104° 12' 27.397 W
		Ground Level:	3,181.00 usft

Wellbore:	ST2		
Magnetics:	Model Name	SHM2018	Direction
			Dir Angle
			Dir Strength
	HDGM	3/19/2018	7.37
			60.02
			47,999

Design:	ST2 Plan #1c		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth:
			10,388.00
Vertical Section	Depth From (TVD)	WA	Direction
	(usft)	(usft)	(bearing)
	0.00	0.00	4.60

Plan Section:										
Measured Depth (usft)	Interval (ft)	Interval (usft)	Vertical Depth (usft)	True (usft)	True (usft)	Depth (usft)	Depth (usft)	Depth (usft)	Depth (usft)	Depth (usft)
10,388.00	91.89	0.50	9,245.07	1,014.39	360.67	0.00	0.00	0.00	0.00	0.00
10,562.41	88.00	4.00	9,245.24	1,188.61	367.51	3.00	-2.23	2.01	137.96	
10,762.41	88.00	4.00	9,252.22	1,388.00	381.45	0.00	0.00	0.00	0.00	
11,002.65	94.00	0.01	9,248.03	1,627.89	389.85	3.00	2.50	-1.66	-33.64	
11,322.65	94.00	0.01	9,225.71	1,947.11	389.88	0.00	0.00	0.00	0.00	
11,452.19	96.00	356.66	9,214.41	2,076.08	386.13	3.00	1.54	-2.58	-58.89	
11,764.19	96.00	356.66	9,181.80	2,385.85	368.05	0.00	0.00	0.00	0.00	
11,989.83	90.00	359.80	9,169.99	2,610.94	361.11	3.00	-2.66	1.39	152.31	
13,788.19	90.00	359.80	9,170.00	4,409.29	354.79	0.00	0.00	0.00	-98.70	Targ.Win[SS\WA#6H]

Planning Report

Database:	Midland District	Local Coordinate Reference:	Well WA #6H
Company:	Marathon Oil Permian, LLC	2ND Reference:	KB = 25' @ 3206.00usft (Precision 594)
Project:	Eddy County, NM (NAD27)	3RD Reference:	KB = 25' @ 3206.00usft (Precision 594)
Site:	Sterling State 23-27-20	North Arrow:	Grid
Well:	WA #6H	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST2		
Design:	ST2 Plan #1c		

Measured Depth (ft)	Depth (ft)	Asphalt (ft)	True Depth (ft)	True Depth (ft)	True Depth (ft)	True Depth (ft)	True Depth (ft)	True Depth (ft)	True Depth (ft)
8,377.00	3.30	139.24	8,351.89	-319.01	351.04	-289.83	0.00	0.00	0.00
8,409.00	1.67	183.97	8,383.86	-320.17	351.61	-290.94	7.56	-5.09	139.78
8,441.00	1.32	177.38	8,415.85	-321.01	351.59	-291.77	1.22	-1.09	-20.59
8,535.00	3.61	344.37	8,509.80	-319.24	350.85	-290.07	5.22	2.44	177.65
8,630.00	6.42	348.15	8,604.43	-311.16	348.95	-282.17	2.98	2.96	3.98
8,661.00	8.01	352.28	8,635.18	-307.32	348.30	-278.39	5.39	5.13	13.32
8,706.00	10.14	352.78	8,679.62	-300.28	347.38	-271.45	4.74	4.73	1.11
8,801.00	10.96	349.56	8,773.01	-283.10	344.70	-254.55	1.06	0.86	-3.39
8,896.00	13.72	344.67	8,865.81	-263.35	340.08	-235.23	3.10	2.91	-5.15
8,991.00	20.22	358.02	8,956.66	-236.04	336.53	-208.29	7.94	6.84	14.05
9,085.00	28.90	357.44	9,042.07	-197.04	334.95	-169.54	9.24	9.23	-0.62
9,130.00	33.73	356.50	9,080.51	-173.69	333.70	-146.37	10.79	10.73	-2.09
9,160.27	35.90	356.45	9,105.36	-156.44	332.64	-129.26	7.17	7.17	-0.17
FTP[SS/WA#6H]									
9,214.00	39.75	356.37	9,147.79	-123.57	330.57	-96.65	7.17	7.17	-0.15
9,331.00	68.73	355.56	9,215.44	-29.88	323.84	-3.81	24.78	24.77	-0.69
9,434.00	72.51	357.41	9,249.61	67.08	317.90	92.37	4.04	3.67	1.80
9,528.00	80.77	356.76	9,271.31	158.34	313.25	182.96	8.81	8.79	-0.69
9,577.00	85.56	356.75	9,277.14	206.90	310.49	231.14	9.78	9.78	-0.02
9,672.00	92.82	1.51	9,278.49	301.79	309.06	325.61	9.14	7.64	5.01
9,766.00	93.87	3.36	9,273.00	395.54	313.04	419.37	2.26	1.12	1.97
9,861.00	94.50	5.48	9,266.07	490.00	320.34	514.11	2.32	0.66	2.23
9,955.00	94.06	6.05	9,259.05	583.26	329.76	607.83	0.76	-0.47	0.61
10,050.00	94.03	5.90	9,252.35	677.51	339.62	702.57	0.16	-0.03	-0.16
10,144.00	92.65	5.16	9,246.87	770.91	348.67	796.39	1.67	-1.47	-0.79
10,239.00	91.91	3.62	9,243.10	865.55	355.93	891.31	1.80	-0.78	-1.62
10,333.00	86.58	1.18	9,244.33	959.42	359.87	985.19	6.24	-5.67	-2.60
10,388.00	91.89	0.50	9,245.07	1,014.39	360.67	1,040.05	9.73	9.65	-1.24
Tie-In / STKOP - DROP 3.0° / 100									
10,400.00	91.62	0.74	9,244.70	1,026.38	360.80	1,052.02	3.00	-2.23	2.01
10,500.00	89.39	2.75	9,243.82	1,126.32	363.84	1,151.88	3.00	-2.23	2.01
10,562.41	88.00	4.00	9,245.24	1,188.61	367.51	1,214.26	3.00	-2.23	2.01
EOD - HOLD									
10,600.00	88.00	4.00	9,246.55	1,226.08	370.13	1,251.82	0.00	0.00	0.00
10,700.00	88.00	4.00	9,250.04	1,325.78	377.10	1,351.75	0.00	0.00	0.00
10,762.41	88.00	4.00	9,252.22	1,388.00	381.45	1,414.13	0.00	0.00	0.00
BUILD 3.0° / 100									
10,800.00	88.94	3.38	9,253.23	1,425.50	383.87	1,451.69	3.00	2.50	-1.66
10,900.00	91.44	1.71	9,252.90	1,525.39	388.31	1,551.62	3.00	2.50	-1.66
11,002.65	94.00	0.01	9,248.03	1,627.89	389.85	1,653.92	3.00	2.50	-1.66
EOB - HOLD									
11,100.00	94.00	0.01	9,241.24	1,725.01	389.86	1,750.72	0.00	0.00	0.00
11,200.00	94.00	0.01	9,234.26	1,824.76	389.87	1,850.16	0.00	0.00	0.00
11,300.00	94.00	0.01	9,227.29	1,924.52	389.88	1,949.59	0.00	0.00	0.00
11,322.65	94.00	0.01	9,225.71	1,947.11	389.88	1,972.11	0.00	0.00	0.00
BUILD 3.0° / 100									
11,400.00	95.20	358.01	9,219.51	2,024.20	388.54	2,048.84	3.00	1.55	-2.58
11,452.19	96.00	356.66	9,214.41	2,076.08	386.13	2,100.36	3.00	1.54	-2.59
EOB - HOLD									
11,500.00	96.00	356.66	9,209.42	2,123.55	383.36	2,147.46	0.00	0.00	0.00
11,600.00	96.00	356.66	9,198.96	2,222.83	377.56	2,245.96	0.00	0.00	0.00
11,700.00	96.00	356.66	9,188.51	2,322.12	371.77	2,344.45	0.00	0.00	0.00
11,764.19	96.00	356.66	9,181.80	2,385.85	368.05	2,407.68	0.00	0.00	0.00

Planning Report

Operator:	Midland District	Well Name:	Well WA #6H
Company:	Marathon Oil Permian, LLC	KB = 25' @ 3206.00usft (Precision 594)	
Project:	Eddy County, NM (NAD27)	KB = 25' @ 3206.00usft (Precision 594)	
Site:	Sterling State 23-27-20	Grid	
Well:	WA #6H	Minimum Curvature	
Wellbore:	ST2		
Design:	ST2 Plan #1c		

Station	Inclination	Depth	True Depth	True Vertical	True Horizontal	True Azimuth	True Dip	True Strike	True Trend	True Azimuth
(USFT)	(°)	(USFT)	(USFT)	(USFT)	(USFT)	(USFT)	(USFT)	(USFT)	(USFT)	(USFT)
DROP 3.0° / 100										
11,800.00	95.05	357.16	9,178.35	2,421.44	366.13	2,443.00	3.00	-2.66	1.40	
11,900.00	92.39	358.55	9,171.87	2,521.15	362.40	2,542.09	3.00	-2.66	1.39	
11,989.83	90.00	359.80	9,169.99	2,610.94	361.11	2,631.49	3.00	-2.66	1.39	
EOD - HOLD										
12,000.00	90.00	359.80	9,169.99	2,621.11	361.08	2,641.63	0.00	0.00	0.00	
12,100.00	90.00	359.80	9,169.99	2,721.11	360.73	2,741.28	0.00	0.00	0.00	
12,200.00	90.00	359.80	9,169.99	2,821.11	360.38	2,840.92	0.00	0.00	0.00	
12,300.00	90.00	359.80	9,169.99	2,921.11	360.03	2,940.57	0.00	0.00	0.00	
12,400.00	90.00	359.80	9,169.99	3,021.11	359.68	3,040.22	0.00	0.00	0.00	
12,500.00	90.00	359.80	9,169.99	3,121.11	359.33	3,139.87	0.00	0.00	0.00	
12,600.00	90.00	359.80	9,169.99	3,221.11	358.98	3,239.52	0.00	0.00	0.00	
12,700.00	90.00	359.80	9,170.00	3,321.11	358.63	3,339.17	0.00	0.00	0.00	
12,800.00	90.00	359.80	9,170.00	3,421.11	358.28	3,438.82	0.00	0.00	0.00	
12,900.00	90.00	359.80	9,170.00	3,521.10	357.92	3,538.47	0.00	0.00	0.00	
13,000.00	90.00	359.80	9,170.00	3,621.10	357.57	3,638.12	0.00	0.00	0.00	
13,100.00	90.00	359.80	9,170.00	3,721.10	357.22	3,737.77	0.00	0.00	0.00	
13,200.00	90.00	359.80	9,170.00	3,821.10	356.87	3,837.42	0.00	0.00	0.00	
13,300.00	90.00	359.80	9,170.00	3,921.10	356.52	3,937.06	0.00	0.00	0.00	
13,400.00	90.00	359.80	9,170.00	4,021.10	356.16	4,036.71	0.00	0.00	0.00	
13,500.00	90.00	359.80	9,170.00	4,121.10	355.81	4,136.36	0.00	0.00	0.00	
13,600.00	90.00	359.80	9,170.00	4,221.10	355.46	4,236.01	0.00	0.00	0.00	
13,700.00	90.00	359.80	9,170.00	4,321.10	355.11	4,335.66	0.00	0.00	0.00	
BHL[SS/WA#6H]										
13,788.19	90.00	359.80	9,170.00	4,409.29	354.79	4,423.54	0.00	0.00	0.00	
TD + 45° VS (13788.19' MD) - Targ.Win[SS/WA#6H]										

Target Name	Depth	True Depth	True Vertical	True Horizontal	True Azimuth	True Dip	True Strike	True Trend	True Azimuth	True Dip
(USFT)	(USFT)	(USFT)	(USFT)	(USFT)	(USFT)	(USFT)	(USFT)	(USFT)	(USFT)	(USFT)
Targ.Win[SS/WA#6H]										
- plan hits target center										
- Rectangle (sides W60.00 H30.00 D4,600.00)										
BHL[SS/WA#6H]										
- plan misses target center by 74.87usft at 13700.00usft MD (9170.00 TVD, 4321.10 N, 355.11 E)										
- Point										
FTP[SS/WA#6H]										
- plan misses target center by 178.15usft at 9160.27usft MD (9105.36 TVD, -156.44 N, 332.64 E)										
- Point										

Planning Report

Database:	Midland District	North Reference:	Well WA #6H
Company:	Marathon Oil Permian, LLC	North Reference:	KB = 25' @ 3206.00usft (Precision 594)
Project:	Eddy County, NM (NAD27)	North Reference:	KB = 25' @ 3206.00usft (Precision 594)
Site:	Sterling State 23-27-20	North Reference:	Grid
Well:	WA #6H	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST2		
Design:	ST2 Plan #1c		

Plan Annotations				
Horizontal Depth (usft)	Vertical Depth (usft)	True (usft)	True (usft)	Comment
10,388.00	9,245.07	1,014.39	360.67	Tie-in / STKOP - DROP 3.0° / 100
10,562.41	9,245.24	1,188.61	367.51	EOD - HOLD
10,762.41	9,252.22	1,388.00	381.45	BUILD 3.0° / 100
11,002.65	9,248.03	1,627.89	389.85	EOB - HOLD
11,322.65	9,225.71	1,947.11	389.88	BUILD 3.0° / 100
11,452.19	9,214.41	2,076.08	386.13	EOB - HOLD
11,764.19	9,181.80	2,385.85	368.05	DROP 3.0° / 100
11,989.83	9,169.99	2,610.94	361.11	EOD - HOLD
13,788.19	9,170.00	4,409.29	354.79	TD + 45' VS (13788.19' MD)



EDDY COUNTY, NM (NAD27)
STERLING STATE 23-27-20
WA #6H
ST2
ST2 PLAN #1C
PRECISION 59L

WELL DETAILS:

AN/S 0.00 +E/W 0.00 NORTHING 467254.93 EASTING 538832.63 32° 17' 4.336 N04° 12' 27.597 W
GROUND LEVEL: 3181.00

SECTION DETAILS

MD	INC	4ZI	TVD	+N/S	+E/W	DLEG	TF/E	VSER	TARGET
02662.00	91.89	0.50	9265.07	0704.39	360.67	0.00	0.00	00.00	00.00
02662.01	88.00	4.00	9265.24	188.61	357.51	0.00	17.06	174.76	
02662.02	88.00	4.00	9265.24	188.61	357.51	0.00	17.06	174.76	
02662.03	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.04	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.05	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.06	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.07	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.08	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.09	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.10	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.11	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.12	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.13	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.14	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.15	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.16	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.17	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.18	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.19	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.20	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.21	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.22	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.23	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.24	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.25	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.26	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.27	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.28	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.29	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.30	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.31	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.32	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.33	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.34	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.35	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.36	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.37	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.38	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.39	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.40	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.41	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.42	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.43	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.44	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.45	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.46	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.47	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.48	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.49	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.50	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.51	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.52	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.53	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.54	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.55	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.56	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.57	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.58	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.59	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.60	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.61	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.62	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.63	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.64	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.65	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.66	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.67	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.68	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.69	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.70	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.71	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.72	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.73	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.74	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.75	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.76	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.77	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.78	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.79	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.80	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.81	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.82	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.83	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.84	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.85	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.86	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.87	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.88	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.89	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.90	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.91	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.92	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.93	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.94	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.95	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.96	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.97	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.98	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02662.99	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	
02663.00	94.00	0.00	9265.05	162.89	369.85	3.33	-33.64	163.92	

Targ.Well(SSWASH)

DESIGN TARGET DETAILS

Name	TVD	+N/S	+E/W	Northing	Easting
Targ.Well(SSWASH)	9170.00	4609.29	354.79	471693.83	539207.39
BH(SSWASH)	9199.00	4394.48	408.80	471619.02	539291.39
FTT(SSWASH)	9199.00	-276.34	425.33	468978.61	539277.92

GL ELEV.: 3181.00

DEPTH REF. AB = 25' @ 3206.0008FT (PRECISION 59L)

SITE DETAILS: STERLING STATE 23-27-20

SITE CENTRE NORTHING: 467254.93

EASTING: 538802.63

POSITIONAL UNCERTAINTY: 0.00

CORRECTION: 0.00

LOCAL NORTH: GRID

PROJECT DETAILS: EDDY COUNTY, NM (NAD27)

GEODETIC SYSTEM: US STATE PLANE 1927 (EXACT SOLUTION)

DATUM: NAD 1927 (NADCON CONUS)

ELLIPSOID: CLARKE 1866

ZONE: NEW MEXICO EAST 300

SYSTEM DATUM: MEAN SEA LEVEL

FORMATION TOP DETAILS

NO FORMATION DATA IS AVAILABLE

MAP SYSTEM: US STATE PLANE 1927 (EXACT SOLUTION)

ELLIPSOID: CLARKE 1866

ZONE: NEW MEXICO EAST 300

LOCAL ORIGIN: TELL WA BSH, 3RD NORTH

LATITUDE: 32° 17' 4.336 N

LONGITUDE: 104° 12' 27.597 W

GRID EAST: 5388