

Submit a 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

Form C-103
 Revised July 18, 2013

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

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.
1. Type of Well: Oil Well ☐ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☐
2. Name of Operator		6. State Oil & Gas Lease No.
3. Address of Operator		7. Lease Name or Unit Agreement Name
4. Well Location Unit Letter _____: _____ feet from the _____ line and _____ feet from the _____ line Section _____ Township _____ Range _____ NMPM _____ County _____		8. Well Number
		9. OGRID Number
		10. Pool name or Wildcat
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		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.

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 Fatima Vasquez TITLE _____ DATE _____

Type or print name _____ E-mail address: _____ PHONE: _____

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

District I
1625 N. French Dr., Hobbs, NM 88420
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 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

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

[X] AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-49194		² Pool Code 55510	³ Pool Name Scanlon Draw; Bone Spring
⁴ Property Code 332091	⁵ Property Name PARKWAY 16 STATE COM		⁶ Well Number 4H
⁷ OGRID No. 162683	⁸ Operator Name CIMAREX ENERGY CO.		⁹ Elevation 3340.3'

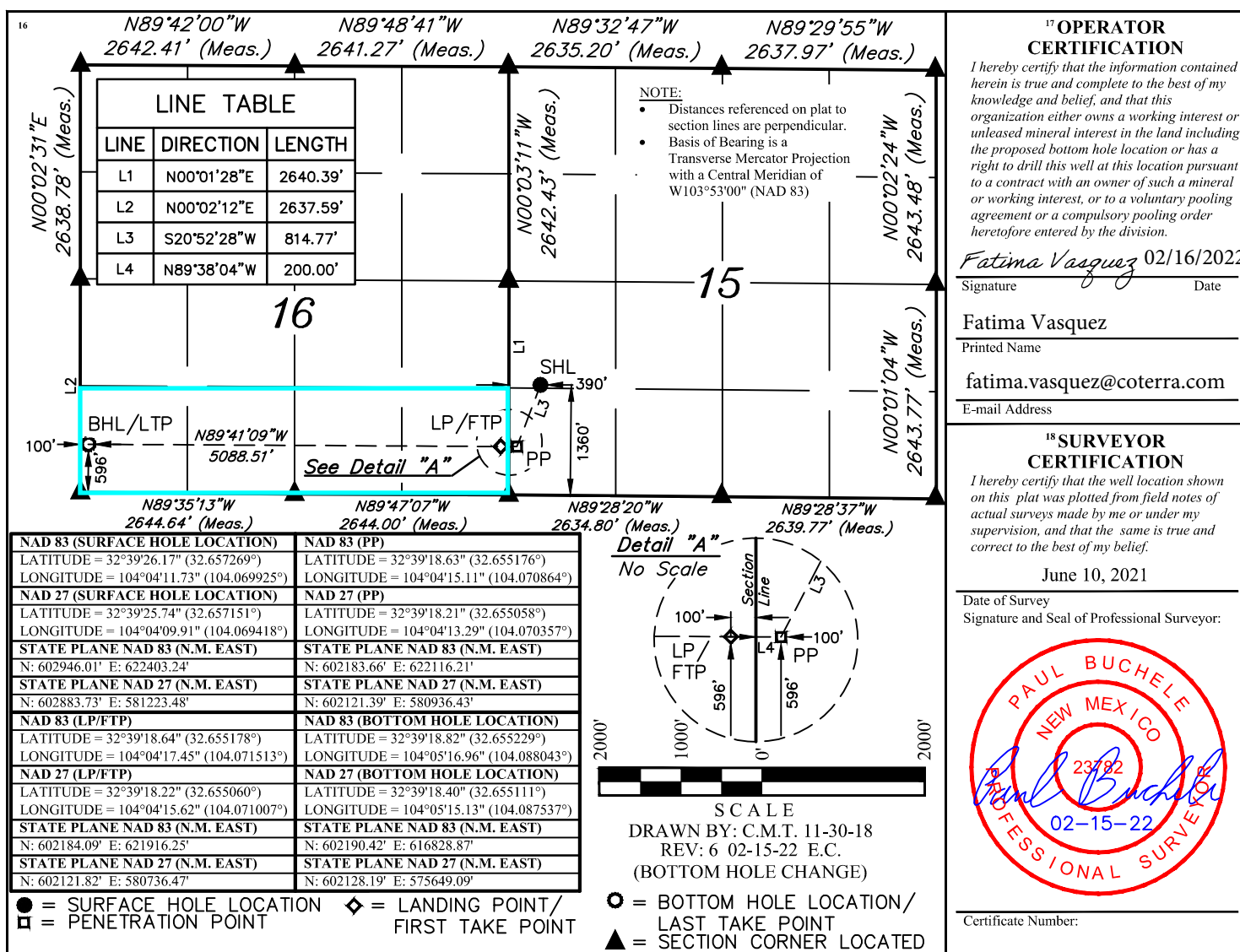
¹⁰Surface Location

UL or lot no. L	Section 15	Township 19S	Range 29E	Lot Idn	Feet from the 1360	North/South line SOUTH	Feet from the 390	East/West line WEST	County EDDY
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. M	Section 16	Township 19S	Range 29E	Lot Idn	Feet from the 596	North/South line SOUTH	Feet from the 100	East/West line WEST	County EDDY
¹² Dedicated Acres 160		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ 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.





Coterra Parkway 16 State Com 4H Rev6 kFc 15Feb22 Proposal Geodetic Report (Def Plan)



Report Date: February 15, 2022 - 10:42 AM
Client: COTERRA
Field: NM Eddy County (NAD 83)
Structure / Slot: Coterra Parkway State Pad South / 4H
Well: Parkway 16 State Com 4H
Borehole: Parkway 16 State Com 4H
UWI / API#: Unknown / 30-015-49194
Survey Name: Coterra Parkway 16 State Com 4H Rev6 kFc 15Feb22
Survey Date: January 21, 2022
Tort / AHD / DDI / ERD Ratio: 123.794 ° / 5887.600 ft / 6.059 / 0.657
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 39' 26.16844", W 104° 4' 11.72966"
Location Grid N/E Y/X: N 602946.010 ftUS, E 622403.240 ftUS
CRS Grid Convergence Angle: 0.1421 °
Grid Scale Factor: 0.99991662
Version / Patch: 2.10.829.1

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 270.070 ° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB = 22ft
TVD Reference Elevation: 3362.300 ft above MSL
Seabed / Ground Elevation: 3340.300 ft above MSL
Magnetic Declination: 7.049 °
Total Gravity Field Strength: 998.5129mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 47739.501 nT
Magnetic Dip Angle: 60.330 °
Declination Date: February 15, 2022
Magnetic Declination Model: HDGM 2022
North Reference: Grid North
Grid Convergence Used: 0.1421 °
Total Corr Mag North->Grid North: 6.9065 °
Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
SHL [390' FWL, 1360' FSL]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
	100.00	0.00	209.33	100.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
	200.00	0.00	209.33	200.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
<i>Rustler</i>	210.00	0.00	209.33	210.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
Top Salt	300.00	0.00	209.33	300.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
	400.00	0.00	209.33	400.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
	500.00	0.00	209.33	500.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
	600.00	0.00	209.33	600.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
	700.00	0.00	209.33	700.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
	800.00	0.00	209.33	800.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
	900.00	0.00	209.33	900.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
	1000.00	0.00	209.33	1000.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
<i>Base Salt</i>	1030.00	0.00	209.33	1030.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
	1100.00	0.00	209.33	1100.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
	1200.00	0.00	209.33	1200.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
	1300.00	0.00	209.33	1300.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
	1400.00	0.00	209.33	1400.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
	1500.00	0.00	209.33	1500.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
	1600.00	0.00	209.33	1600.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
	1700.00	0.00	209.33	1700.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
	1800.00	0.00	209.33	1800.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
	1900.00	0.00	209.33	1900.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
	2000.00	0.00	209.33	2000.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
	2100.00	0.00	209.33	2100.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
	2200.00	0.00	209.33	2200.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
	2300.00	0.00	209.33	2300.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73
	2400.00	0.00	209.33	2400.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17 W 104	4 11.73

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' '')	Longitude (E/W ° ' '')
Capitan	2500.00	0.00	209.33	2500.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17	W 104 4 11.73
	2600.00	0.00	209.33	2600.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17	W 104 4 11.73
	2640.00	0.00	209.33	2640.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17	W 104 4 11.73
	2700.00	0.00	209.33	2700.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17	W 104 4 11.73
	2800.00	0.00	209.33	2800.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17	W 104 4 11.73
	2900.00	0.00	209.33	2900.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17	W 104 4 11.73
	3000.00	0.00	209.33	3000.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17	W 104 4 11.73
	3100.00	0.00	209.33	3100.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17	W 104 4 11.73
Bell Canyon (Top Delaware) Nudge, Build 2°/100ft	3200.00	0.00	209.33	3200.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17	W 104 4 11.73
	3260.00	0.00	209.33	3260.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17	W 104 4 11.73
	3300.00	0.00	209.33	3300.00	0.00	0.00	0.00	0.00	602946.01	622403.24	N 32 39 26.17	W 104 4 11.73
	3400.00	2.00	209.33	3399.98	0.85	-1.52	-0.85	2.00	602944.49	622402.39	N 32 39 26.15	W 104 4 11.74
	3500.00	4.00	209.33	3499.84	3.41	-6.08	-3.42	2.00	602939.93	622399.82	N 32 39 26.11	W 104 4 11.77
	3600.00	6.00	209.33	3599.45	7.67	-13.68	-7.69	2.00	602932.33	622395.55	N 32 39 26.03	W 104 4 11.82
	3700.00	8.00	209.33	3698.70	13.63	-24.31	-13.65	2.00	602921.71	622389.59	N 32 39 25.93	W 104 4 11.89
	3800.00	10.00	209.33	3797.47	21.27	-37.95	-21.32	2.00	602908.07	622381.93	N 32 39 25.79	W 104 4 11.98
Hold	3900.00	12.00	209.33	3895.62	30.59	-54.58	-30.66	2.00	602891.43	622372.58	N 32 39 25.63	W 104 4 12.09
	3925.02	12.50	209.33	3920.07	33.19	-59.21	-33.26	2.00	602886.81	622369.98	N 32 39 25.58	W 104 4 12.12
	4000.00	12.50	209.33	3993.28	41.12	-73.36	-41.21	0.00	602872.66	622362.03	N 32 39 25.44	W 104 4 12.21
	4100.00	12.50	209.33	4090.91	51.70	-92.23	-51.81	0.00	602853.79	622351.43	N 32 39 25.26	W 104 4 12.34
	4200.00	12.50	209.33	4188.53	62.28	-111.10	-62.41	0.00	602834.92	622340.83	N 32 39 25.07	W 104 4 12.46
	4300.00	12.50	209.33	4286.16	72.85	-129.97	-73.01	0.00	602816.05	622330.23	N 32 39 24.88	W 104 4 12.59
	4400.00	12.50	209.33	4383.79	83.43	-148.84	-83.61	0.00	602797.18	622319.63	N 32 39 24.70	W 104 4 12.71
	4454.50	12.50	209.33	4437.00	89.20	-159.13	-89.39	0.00	602786.90	622313.86	N 32 39 24.60	W 104 4 12.78
Top Bone Spring	4500.00	12.50	209.33	4481.42	94.01	-167.71	-94.22	0.00	602778.31	622309.03	N 32 39 24.51	W 104 4 12.84
	4600.00	12.50	209.33	4579.05	104.59	-186.58	-104.82	0.00	602759.44	622298.43	N 32 39 24.32	W 104 4 12.96
	4700.00	12.50	209.33	4676.68	115.17	-205.45	-115.42	0.00	602740.57	622287.83	N 32 39 24.14	W 104 4 13.09
	4800.00	12.50	209.33	4774.31	125.74	-224.32	-126.02	0.00	602721.71	622277.23	N 32 39 23.95	W 104 4 13.21
	4900.00	12.50	209.33	4871.94	136.32	-243.19	-136.62	0.00	602702.84	622266.63	N 32 39 23.77	W 104 4 13.33
	5000.00	12.50	209.33	4969.57	146.90	-262.07	-147.22	0.00	602683.97	622256.03	N 32 39 23.58	W 104 4 13.46
	5100.00	12.50	209.33	5067.20	157.48	-280.94	-157.82	0.00	602665.10	622245.43	N 32 39 23.39	W 104 4 13.58
	5200.00	12.50	209.33	5164.83	168.06	-299.81	-168.42	0.00	602646.23	622234.83	N 32 39 23.21	W 104 4 13.71
Drop 2°/100ft	5300.00	12.50	209.33	5262.46	178.63	-318.68	-179.02	0.00	602627.36	622224.23	N 32 39 23.02	W 104 4 13.83
	5400.00	12.50	209.33	5360.09	189.21	-337.55	-189.63	0.00	602608.49	622213.63	N 32 39 22.83	W 104 4 13.96
	5500.00	12.50	209.33	5457.72	199.79	-356.42	-200.23	0.00	602589.62	622203.03	N 32 39 22.65	W 104 4 14.08
	5600.00	12.50	209.33	5555.35	210.37	-375.29	-210.83	0.00	602570.75	622192.43	N 32 39 22.46	W 104 4 14.21
	5700.00	12.50	209.33	5652.98	220.95	-394.16	-221.43	0.00	602551.88	622181.83	N 32 39 22.27	W 104 4 14.33
	5800.00	12.50	209.33	5750.61	231.52	-413.03	-232.03	0.00	602533.01	622171.23	N 32 39 22.09	W 104 4 14.46
	5900.00	12.50	209.33	5848.24	242.10	-431.90	-242.63	0.00	602514.14	622160.63	N 32 39 21.90	W 104 4 14.58
	6000.00	12.50	209.33	5945.86	252.68	-450.77	-253.23	0.00	602495.27	622150.03	N 32 39 21.71	W 104 4 14.70
Hold	6014.40	12.50	209.33	5959.93	254.20	-453.49	-254.76	0.00	602492.56	622148.50	N 32 39 21.69	W 104 4 14.72
	6100.00	10.79	209.33	6043.76	262.65	-468.55	-263.22	2.00	602477.50	622140.04	N 32 39 21.54	W 104 4 14.82
	6200.00	8.79	209.33	6142.30	270.96	-483.38	-271.55	2.00	602462.68	622131.72	N 32 39 21.39	W 104 4 14.92
	6300.00	6.79	209.33	6241.37	277.58	-495.19	-278.18	2.00	602450.86	622125.08	N 32 39 21.28	W 104 4 15.00
	6400.00	4.79	209.33	6340.86	282.51	-503.98	-283.12	2.00	602442.07	622120.14	N 32 39 21.19	W 104 4 15.06
	6500.00	2.79	209.33	6440.63	285.74	-509.74	-286.36	2.00	602436.31	622116.91	N 32 39 21.13	W 104 4 15.09
	6600.00	0.79	209.33	6540.58	287.26	-512.46	-287.89	2.00	602433.59	622115.38	N 32 39 21.10	W 104 4 15.11
	6639.42	0.00	209.33	6580.00	287.39	-512.70	-288.02	2.00	602433.35	622115.24	N 32 39 21.10	W 104 4 15.11
Top 1st BSPG SS	6700.00	0.00	209.33	6640.58	287.39	-512.70	-288.02	0.00	602433.35	622115.24	N 32 39 21.10	W 104 4 15.11
	6800.00	0.00	209.33	6740.58	287.39	-512.70	-288.02	0.00	602433.35	622115.24	N 32 39 21.10	W 104 4 15.11
	6900.00	0.00	209.33	6840.58	287.39	-512.70	-288.02	0.00	602433.35	622115.24	N 32 39 21.10	W 104 4 15.11
	7000.00	0.00	209.33	6940.58	287.39	-512.70	-288.02	0.00	602433.35	622115.24	N 32 39 21.10	W 104 4 15.11
	7006.42	0.00	209.33	6947.00	287.39	-512.70	-288.02	0.00	602433.35	622115.24	N 32 39 21.10	W 104 4 15.11
	7100.00	0.00	209.33	7040.58	287.39	-512.70	-288.02	0.00	602433.35	622115.24	N 32 39 21.10	W 104 4 15.11

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	7200.00	0.00	209.33	7140.58	287.39	-512.70	-288.02	0.00	602433.35	622115.24	N 32 39 21.10	W 104 4 15.11
	7300.00	0.00	209.33	7240.58	287.39	-512.70	-288.02	0.00	602433.35	622115.24	N 32 39 21.10	W 104 4 15.11
	7400.00	0.00	209.33	7340.58	287.39	-512.70	-288.02	0.00	602433.35	622115.24	N 32 39 21.10	W 104 4 15.11
	7500.00	0.00	209.33	7440.58	287.39	-512.70	-288.02	0.00	602433.35	622115.24	N 32 39 21.10	W 104 4 15.11
	7600.00	0.00	209.33	7540.58	287.39	-512.70	-288.02	0.00	602433.35	622115.24	N 32 39 21.10	W 104 4 15.11
	7700.00	0.00	209.33	7640.58	287.39	-512.70	-288.02	0.00	602433.35	622115.24	N 32 39 21.10	W 104 4 15.11
Top 2nd BSPG SS	7727.42	0.00	209.33	7668.00	287.39	-512.70	-288.02	0.00	602433.35	622115.24	N 32 39 21.10	W 104 4 15.11
	7800.00	0.00	209.33	7740.58	287.39	-512.70	-288.02	0.00	602433.35	622115.24	N 32 39 21.10	W 104 4 15.11
	7900.00	0.00	209.33	7840.58	287.39	-512.70	-288.02	0.00	602433.35	622115.24	N 32 39 21.10	W 104 4 15.11
	8000.00	0.00	209.33	7940.58	287.39	-512.70	-288.02	0.00	602433.35	622115.24	N 32 39 21.10	W 104 4 15.11
Top 3rd Carb	8030.42	0.00	209.33	7971.00	287.39	-512.70	-288.02	0.00	602433.35	622115.24	N 32 39 21.10	W 104 4 15.11
	8100.00	0.00	209.33	8040.58	287.39	-512.70	-288.02	0.00	602433.35	622115.24	N 32 39 21.10	W 104 4 15.11
	8200.00	0.00	209.33	8140.58	287.39	-512.70	-288.02	0.00	602433.35	622115.24	N 32 39 21.10	W 104 4 15.11
	8300.00	0.00	209.33	8240.58	287.39	-512.70	-288.02	0.00	602433.35	622115.24	N 32 39 21.10	W 104 4 15.11
	8400.00	0.00	209.33	8340.58	287.39	-512.70	-288.02	0.00	602433.35	622115.24	N 32 39 21.10	W 104 4 15.11
KOP, Build 10°/100ft	8452.42	0.00	209.33	8393.00	287.39	-512.70	-288.02	0.00	602433.35	622115.24	N 32 39 21.10	W 104 4 15.11
	8500.00	4.76	265.07	8440.52	289.36	-512.87	-289.99	10.00	602433.18	622113.28	N 32 39 21.10	W 104 4 15.14
	8600.00	14.76	265.07	8538.95	306.22	-514.32	-306.85	10.00	602431.73	622096.42	N 32 39 21.09	W 104 4 15.33
Top 3rd BSPG SS	8697.86	24.54	265.07	8631.00	338.97	-517.15	-339.60	10.00	602428.91	622063.67	N 32 39 21.06	W 104 4 15.72
	8700.00	24.76	265.07	8632.94	339.86	-517.22	-340.49	10.00	602428.83	622062.78	N 32 39 21.06	W 104 4 15.73
	8800.00	34.76	265.07	8719.65	389.24	-521.48	-389.87	10.00	602424.58	622013.40	N 32 39 21.02	W 104 4 16.30
	8900.00	44.76	265.07	8796.43	452.87	-526.96	-453.51	10.00	602419.09	621949.77	N 32 39 20.97	W 104 4 17.05
	9000.00	54.76	265.07	8860.95	528.81	-533.51	-529.47	10.00	602412.55	621873.82	N 32 39 20.90	W 104 4 17.94
	9100.00	64.76	265.07	8911.25	614.77	-540.92	-615.43	10.00	602405.14	621787.86	N 32 39 20.83	W 104 4 18.94
	9200.00	74.76	265.07	8945.80	708.12	-548.96	-708.79	10.00	602397.09	621694.51	N 32 39 20.75	W 104 4 20.04
Build & Turn 5°/100ft	9202.42	75.00	265.07	8946.43	710.45	-549.17	-711.12	10.00	602396.89	621692.18	N 32 39 20.75	W 104 4 20.06
3rd SS 'C' Lobe	9268.39	81.26	267.21	8960.00	774.82	-553.49	-775.50	10.00	602392.56	621627.81	N 32 39 20.71	W 104 4 20.82
	9300.00	84.26	268.20	8963.98	806.14	-554.75	-806.82	10.00	602391.31	621596.49	N 32 39 20.70	W 104 4 21.18
Landing Point	9360.36	90.00	270.07	8967.00	866.39	-555.65	-867.07	10.00	602390.40	621536.25	N 32 39 20.69	W 104 4 21.89
	9400.00	90.00	270.07	8967.00	906.03	-555.60	-906.71	0.00	602390.45	621496.61	N 32 39 20.69	W 104 4 22.35
	9500.00	90.00	270.07	8967.00	1006.03	-555.47	-1006.71	0.00	602390.58	621396.62	N 32 39 20.70	W 104 4 23.52
	9600.00	90.00	270.07	8967.00	1106.03	-555.34	-1106.71	0.00	602390.71	621296.62	N 32 39 20.70	W 104 4 24.69
	9700.00	90.00	270.07	8967.00	1206.03	-555.22	-1206.71	0.00	602390.84	621196.63	N 32 39 20.70	W 104 4 25.86
	9800.00	90.00	270.07	8967.00	1306.03	-555.09	-1306.71	0.00	602390.97	621096.64	N 32 39 20.71	W 104 4 27.03
	9900.00	90.00	270.07	8967.00	1406.03	-554.96	-1406.71	0.00	602391.10	620996.65	N 32 39 20.71	W 104 4 28.20
	10000.00	90.00	270.07	8967.00	1506.03	-554.83	-1506.71	0.00	602391.23	620896.66	N 32 39 20.72	W 104 4 29.37
	10100.00	90.00	270.07	8967.00	1606.03	-554.70	-1606.71	0.00	602391.36	620796.67	N 32 39 20.72	W 104 4 30.54
	10200.00	90.00	270.07	8967.00	1706.03	-554.57	-1706.71	0.00	602391.49	620696.68	N 32 39 20.72	W 104 4 31.71
	10300.00	90.00	270.07	8967.00	1806.03	-554.44	-1806.71	0.00	602391.62	620596.69	N 32 39 20.73	W 104 4 32.88
	10400.00	90.00	270.07	8967.00	1906.03	-554.31	-1906.71	0.00	602391.75	620496.69	N 32 39 20.73	W 104 4 34.05
	10500.00	90.00	270.07	8967.00	2006.03	-554.18	-2006.71	0.00	602391.87	620396.70	N 32 39 20.73	W 104 4 35.22
	10600.00	90.00	270.07	8967.00	2106.03	-554.05	-2106.71	0.00	602392.00	620296.71	N 32 39 20.74	W 104 4 36.39
	10700.00	90.00	270.07	8967.00	2206.03	-553.92	-2206.71	0.00	602392.13	620196.72	N 32 39 20.74	W 104 4 37.56
	10800.00	90.00	270.07	8967.00	2306.03	-553.80	-2306.71	0.00	602392.26	620096.73	N 32 39 20.74	W 104 4 38.73
	10900.00	90.00	270.07	8967.00	2406.03	-553.67	-2406.71	0.00	602392.39	619996.74	N 32 39 20.75	W 104 4 39.90
	11000.00	90.00	270.07	8967.00	2506.03	-553.54	-2506.71	0.00	602392.52	619896.75	N 32 39 20.75	W 104 4 41.06
	11100.00	90.00	270.07	8967.00	2606.03	-553.41	-2606.71	0.00	602392.65	619796.75	N 32 39 20.76	W 104 4 42.23
	11200.00	90.00	270.07	8967.00	2706.03	-553.28	-2706.71	0.00	602392.78	619696.76	N 32 39 20.76	W 104 4 43.40
	11300.00	90.00	270.07	8967.00	2806.03	-553.15	-2806.71	0.00	602392.91	619596.77	N 32 39 20.76	W 104 4 44.57
	11400.00	90.00	270.07	8967.00	2906.03	-553.02	-2906.71	0.00	602393.04	619496.78	N 32 39 20.77	W 104 4 45.74
	11500.00	90.00	270.07	8967.00	3006.03	-552.89	-3006.71	0.00	602393.17	619396.79	N 32 39 20.77	W 104 4 46.91
	11600.00	90.00	270.07	8967.00	3106.03	-552.76	-3106.71	0.00	602393.30	619296.80	N 32 39 20.77	W 104 4 48.08
	11700.00	90.00	270.07	8967.00	3206.03	-552.63	-3206.71	0.00	602393.42	619196.81	N 32 39 20.78	W 104 4 49.25
	11800.00	90.00	270.07	8967.00	3306.03	-552.50	-3306.71	0.00	602393.55	619096.81	N 32 39 20.78	W 104 4 50.42

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
Turn 2°/100ft	11900.00	90.00	270.07	8967.00	3406.03	-552.37	-3406.71	0.00	602393.68	618996.82	N 32 39 20.78	W 104 4 51.59
	12000.00	90.00	270.07	8967.00	3506.03	-552.25	-3506.71	0.00	602393.81	618896.83	N 32 39 20.79	W 104 4 52.76
	12100.00	90.00	270.07	8967.00	3606.03	-552.12	-3606.71	0.00	602393.94	618796.84	N 32 39 20.79	W 104 4 53.93
	12200.00	90.00	270.07	8967.00	3706.03	-551.99	-3706.71	0.00	602394.07	618696.85	N 32 39 20.80	W 104 4 55.10
	12300.00	90.00	270.07	8967.00	3806.03	-551.86	-3806.71	0.00	602394.20	618596.86	N 32 39 20.80	W 104 4 56.27
	12390.36	90.00	270.07	8967.00	3896.39	-551.74	-3897.06	0.00	602394.32	618506.51	N 32 39 20.80	W 104 4 57.33
	12400.00	90.00	269.88	8967.00	3906.03	-551.74	-3906.71	2.00	602394.31	618496.87	N 32 39 20.80	W 104 4 57.44
	12500.00	90.00	267.88	8967.00	4006.00	-553.70	-4006.68	2.00	602392.36	618396.90	N 32 39 20.79	W 104 4 58.61
	12600.00	90.00	265.88	8967.00	4105.84	-559.14	-4106.53	2.00	602386.92	618297.06	N 32 39 20.73	W 104 4 59.78
	12700.00	90.00	263.88	8967.00	4205.43	-568.06	-4206.13	2.00	602378.00	618197.47	N 32 39 20.65	W 104 5 0.94
Hold	12790.36	90.00	262.07	8967.00	4295.09	-579.11	-4295.80	2.00	602366.95	618107.81	N 32 39 20.54	W 104 5 1.99
	12800.00	90.00	262.07	8967.00	4304.64	-580.44	-4305.35	0.00	602365.62	618098.26	N 32 39 20.53	W 104 5 2.10
	12900.00	90.00	262.07	8967.00	4403.67	-594.23	-4404.40	0.00	602351.84	617999.22	N 32 39 20.39	W 104 5 3.26
	13000.00	90.00	262.07	8967.00	4502.70	-608.01	-4503.44	0.00	602338.05	617900.18	N 32 39 20.26	W 104 5 4.42
	13100.00	90.00	262.07	8967.00	4601.72	-621.80	-4602.49	0.00	602324.26	617801.15	N 32 39 20.13	W 104 5 5.58
	13200.00	90.00	262.07	8967.00	4700.75	-635.59	-4701.53	0.00	602310.47	617702.11	N 32 39 19.99	W 104 5 6.74
	13300.00	90.00	262.07	8967.00	4799.78	-649.38	-4800.58	0.00	602296.68	617603.07	N 32 39 19.86	W 104 5 7.90
	13400.00	90.00	262.07	8967.00	4898.81	-663.17	-4899.62	0.00	602282.89	617504.04	N 32 39 19.72	W 104 5 9.06
	13500.00	90.00	262.07	8967.00	4997.83	-676.96	-4998.67	0.00	602269.11	617405.00	N 32 39 19.59	W 104 5 10.21
	13600.00	90.00	262.07	8967.00	5096.86	-690.75	-5097.71	0.00	602255.32	617305.97	N 32 39 19.46	W 104 5 11.37
Parkway 16 State Com 4H - BHL [100' FWL, 596' FSL]	13700.00	90.00	262.07	8967.00	5195.89	-704.54	-5196.75	0.00	602241.53	617206.93	N 32 39 19.32	W 104 5 12.53
	13800.00	90.00	262.07	8967.00	5294.92	-718.33	-5295.80	0.00	602227.74	617107.89	N 32 39 19.19	W 104 5 13.69
	13900.00	90.00	262.07	8967.00	5393.95	-732.12	-5394.84	0.00	602213.95	617008.86	N 32 39 19.05	W 104 5 14.85
	14000.00	90.00	262.07	8967.00	5492.97	-745.91	-5493.89	0.00	602200.16	616909.82	N 32 39 18.92	W 104 5 16.01
	14079.10	90.00	262.07	8967.00	5571.30	-756.82	-5572.23	0.00	602189.26	616831.49	N 32 39 18.81	W 104 5 16.93

Survey Type: Def Plan

Survey Error Model: ISCWSA Rev 3 *** 3-D 95.000% Confidence 2.7955 sigma
Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Expected Max Inclination (deg)	Survey Tool Type	Borehole / Survey
	1	0.000	22.000	1/100.000	30.000	30.000		A001Mb_MWD-Depth Only	Parkway 16 State Com 4H / Coterra Parkway 16 State Com
	1	22.000	8000.000	1/100.000	30.000	30.000		A001Mb_MWD	Parkway 16 State Com 4H / Coterra Parkway 16 State Com
	1	8000.000	14079.095	1/100.000	30.000	30.000		A008Mb_MWD+IFR1+MS	Parkway 16 State Com 4H / Coterra Parkway 16 State Com

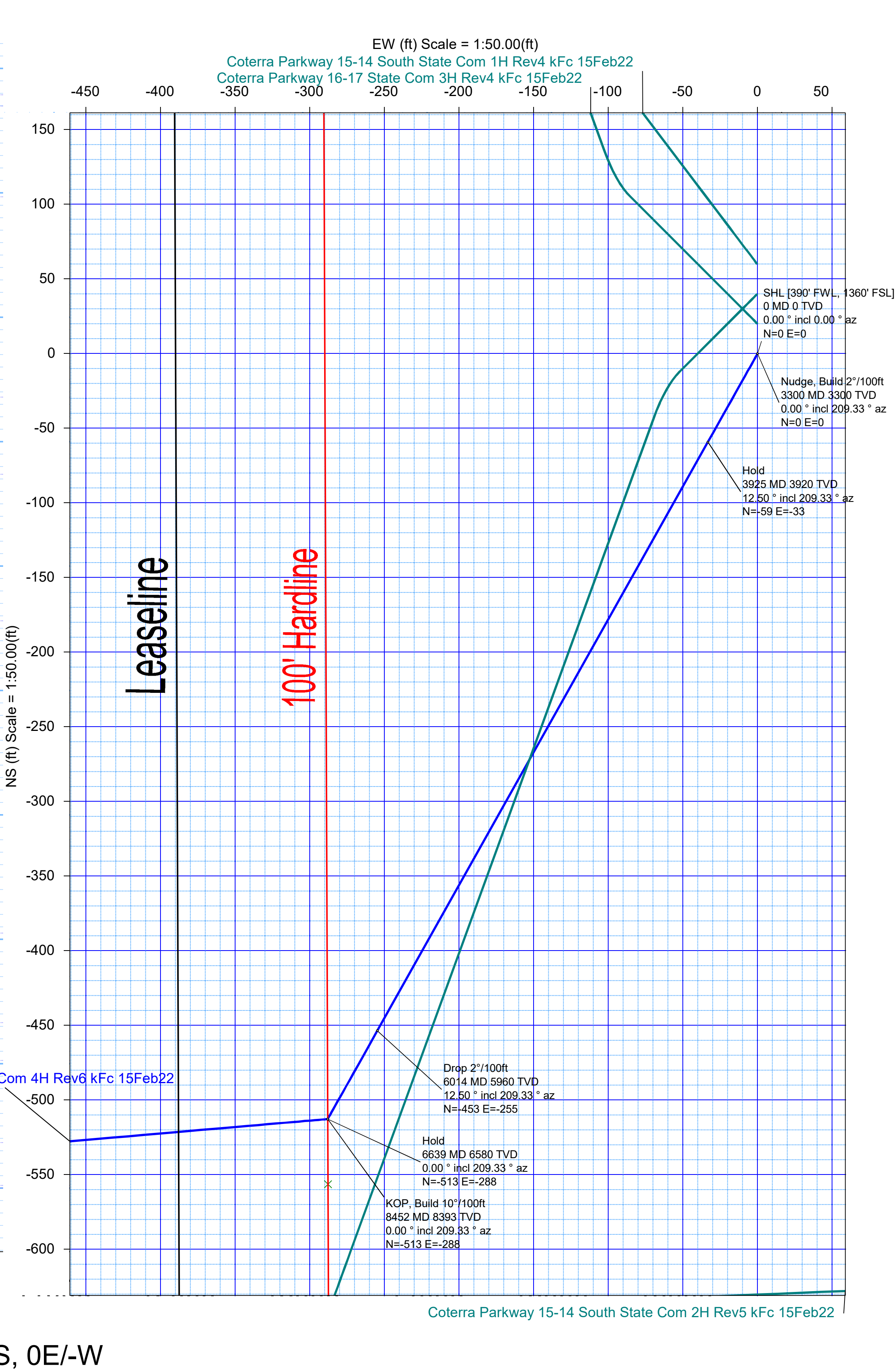
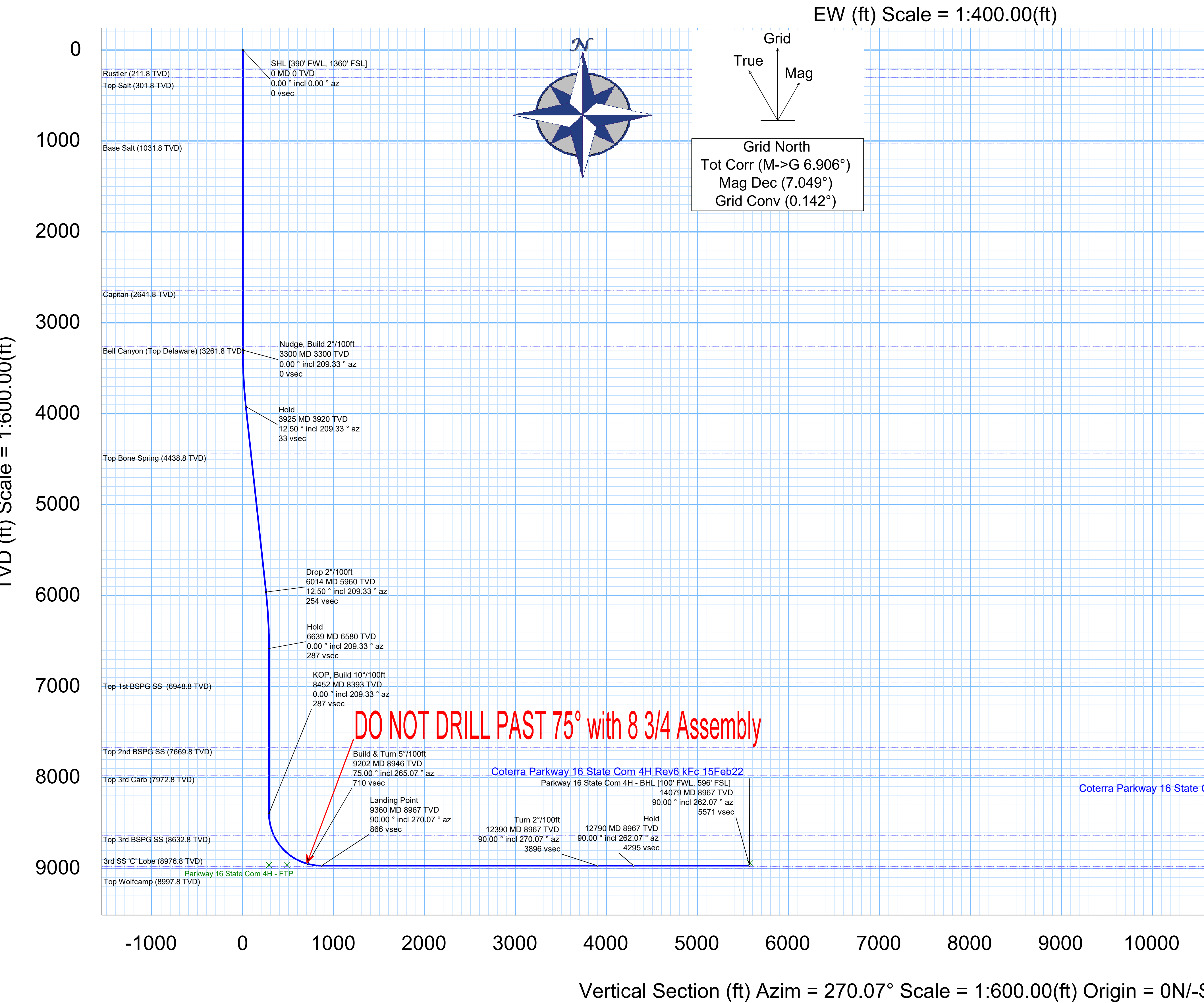
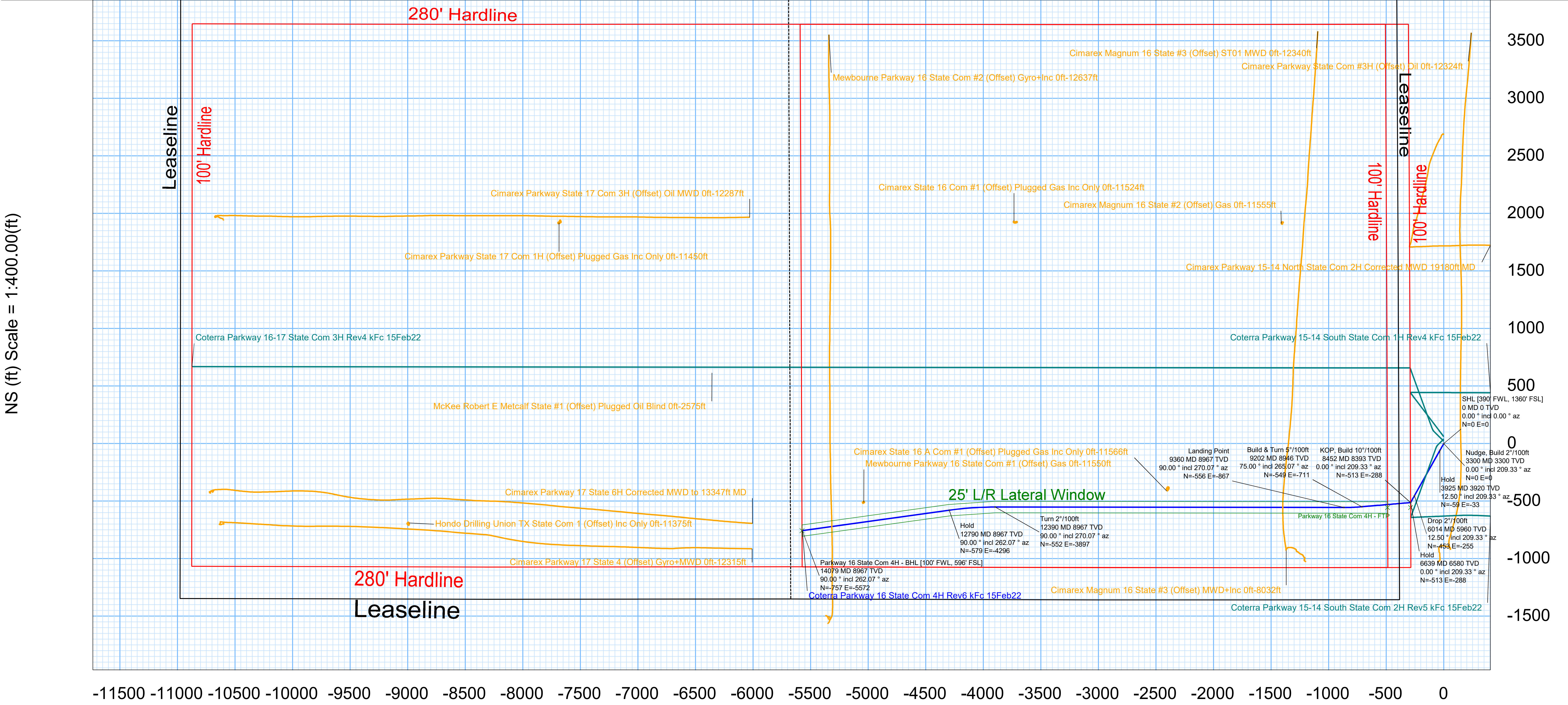


COTERRA

Rev 6



Borehole: Parkway 16 State Com 4H				Well: Parkway 16 State Com 4H				Field: NM Eddy County (NAD 83)				Structure: Coterra Parkway State Pad South			
Gravity & Magnetic Parameters				Surface Location				NAD83 New Mexico State Plane, Eastern Zone, US Feet				Miscellaneous			
Model:	HDGM 2022	Dip:	60.33°	Date:	15-Feb-2022	Lat:	N 32 39 26.17	Northing:	602946.01RUS	Grid Conv:	0.1421°	Slot:	4H	TVD Ref:	RKB = 22ft (3362.3ft above MSL)
MagDec:	7.049°	FS:	47739.501nT	Gravity FS:	998.513mgn (9.80665 Based)	Lon:	W 104 4 11.73	Easting:	622403.24RUS	Scale Fact:	0.99991662	Plan:	Coterra Parkway 16 State Com 4H Rev6 kFc 15Feb22		
Critical Points															
Critical Point	MD	INCL	AZIM		TVD	VSEC	N(+)/S(-)		E(+)/W(-)		DLS				
SHL [390' FWL, 1360' FSL]	0.00	0.00	0.00		0.00	0.00	0.00		0.00		0.00				
Rustler	210.00	0.00	209.33		210.00	0.00	0.00		0.00		0.00				
Top Salt	300.00	0.00	209.33		300.00	0.00	0.00		0.00		0.00				
Base Salt	1030.00	0.00	209.33		1030.00	0.00	0.00		0.00		0.00				
Capitan	2640.00	0.00	209.33		2640.00	0.00	0.00		0.00		0.00				
Bell Canyon (Top Delaware)	3260.00	0.00	209.33		3260.00	0.00	0.00		0.00		0.00				
Nudge, Build 2 1/100ft	3300.00	0.00	209.33		3300.00	0.00	0.00		0.00		0.00				
Hold	3925.02	12.50	209.33		3920.07	33.19	-59.21		-33.26		2.00				
Top Bone Spring	4454.50	12.50	209.33		4437.00	89.20	-159.13		-89.39		0.00				
Drop 2 1/100ft	6014.40	12.50	209.33		5959.93	254.20	-453.49		-254.76		0.00				
Hold	6639.42	0.00	209.33		6580.00	287.39	-512.70		-288.02		2.00				
Top 1st BSPG SS	7006.42	0.00	209.33		6947.00	287.39	-512.70		-288.02		0.00				
Top 2nd BSPG SS	7727.42	0.00	209.33		7668.00	287.39	-512.70		-288.02		0.00				
Top 3rd Carb	8030.42	0.00	209.33		7971.00	287.39	-512.70		-288.02		0.00				
KOP, Build 10 1/100ft	8452.42	0.00	209.33		8393.00	287.39	-512.70		-288.02		0.00				
Top 3rd BSPG SS	8697.86	24.54	265.07		8631.00	338.97	-517.15		-339.60		10.00				
Build & Turn 5 1/100ft	9202.42	75.00	265.07		8946.43	710.45	-549.17		-711.12		10.00				
3rd SS 'C' Lobe	9268.39	81.26	267.21		8960.00	774.82	-553.49		-775.50		10.00				
Landing Point	9360.36	90.00	270.07		8967.00	866.39	-555.65		-867.07		10.00				
Turn 2 1/100ft	12390.36	90.00	270.07		8967.00	3896.39	-551.74		-3897.06		0.00				
Hold	12790.36	90.00	262.07		8967.00	4295.09	-579.11		-4295.80		2.00				
Parkway 16 State Com 4H - BHL [100' FWL, 596' FSL]	14079.10	90.00	262.07		8967.00	5571.30	-756.82		-5572.23		0.00				
Top Wolfcamp	NaN				8996.00										



Vertical Section (ft) Azim = 270.07° Scale = 1:600.00(ft) Origin = 0N/-S, 0E/-W

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 83565

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 600 N. Marienfeld Street Midland, TX 79701	OGRID: 162683
	Action Number: 83565
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to previous NMOCD Conditions of Approval	2/23/2022