

Submit To Appropriate District Office
Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
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-105
July 17, 2008

1. WELL API NO.

30-015-36223

2. Type of Lease

☒ STATE ☐ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:

☒ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)

☐ **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

7. Type of Completion:

☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator

Chesapeake Operating, Inc.

9. OGRID

147179

10. Address of Operator

P.O. Box 18496-0496 Oklahoma City, OK 73154-0496

11. Pool name or Wildcat

Pierce Crossing; Bone Spring, East

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	P	12	25S	29E		400'	S	350'	E	Eddy
BH:	A	12	25S	29E		390'	N	374'	E	Eddy

13. Date Spudded 04/21/2008	14. Date T.D. Reached 06/18/2008	15. Date Rig Released 06/23/2008	16. Date Completed (Ready to Produce) 8/09/2008	17. Elevations (DF and RKB, RT, GR, etc.) 3155' GR
18. Total Measured Depth of Well 11,651'		19. Plug Back Measured Depth 11,604'	20. Was Directional Survey Made? Yes	21. Type Electric and Other Logs Run Neutron Log/Dual Laterolog

22. Producing Interval(s), of this completion - Top, Bottom, Name

7668'-11,410' grs. Bone Spring

23. **CASING RECORD** (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48#	680'	17 1/2"	705 sxs.	
9 5/8"	40#	3410'	12 1/4"	1415 sxs.	
5 1/2"	17#	11651'	8 3/4"	2000 sxs.	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 7/8"	6,665'

26. Perforation record (interval, size, and number)
7668'-11,410', 6 spf

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
10,810'-11,410 grs	5000 15% NeFe; 200K gal gel
	.50K# Super LC

28. **PRODUCTION**

Date First Production 07/29/2008		Production Method (Flowing, gas lift, pumping - Size and type pump) Pump			Well Status (Prod or Shut-in) Producing		
Date of Test 08/09/2008	Hours Tested 24 Hours	Choke Size	Prod'n For Test Period	Oil - Bbl 81 BO	Gas - MCF 580 MCF	Water - Bbl. 484 BW	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 81 BOPD	Gas - MCF 580 MCFGPD	Water - Bbl. 484 BWPD	Oil Gravity - API - (Corr)	

29. Disposition of Gas (Sold, used for fuel, vented, etc)
Sold

30. Test Witnessed By

31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude

Longitude

NAD 1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature *Linda Good*

Printed Name Linda Good

Title Sr. Reg. Compl. Sp.

Date 09/09/008

E-mail Address linda.good@chk.com

1990

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

OIL OR GAS SANDS OR ZONES

IMPORTANT WATER SANDS

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

3

OPERATOR HIGH CHICAGO 12 STATE 1H
WELL/LEASE CHESAPEAKE OPERATING, INC.
COUNTY EDDY

142-0062

STATE OF NEW MEXICO
DEVIATION REPORT

202	0.25	7,083	1.10
440	0.75	7,178	0.60
820	0.75	7,273	1.20
1,205	0.80	7,337	1.30
1,393	0.50		
1,584	0.40		
1,710	0.30		
1,901	0.50		
2,180	0.50		
2,281	1.40		
2,566	1.20		
2,693	0.50		
2,883	0.20		
2,979	1.40		
3,169	3.00		
3,202	2.00		
3,340	1.50		
3,721	0.30		
3,911	0.30		
4,038	0.60		
4,228	0.30		
4,324	0.30		
4,990	0.90		
5,181	0.60		
5,371	0.70		
5,466	0.10		
5,656	0.10		
5,975	0.10		
6,068	0.40		
6,259	0.70		
6,512	0.30		
6,702	0.20		
6,892	0.90		
6,988	0.50		

SEP 10 2008
OCD-ARTESIA

BY:

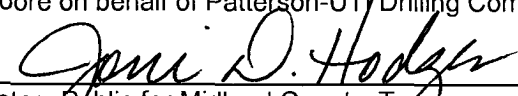


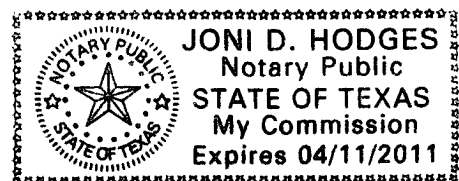
STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UT, Drilling Company LLC.

June 27, 2008 , by Steve


Notary Public for Midland County, Texas
My Commission Expires: 4/11/11



Actual Wellpath Report

No. 1H AWP

Page 1 of 6

REFERENCE WELLPATH IDENTIFICATION

Operator	Chesapeake Operating, Inc.	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Chicago) Delaware Basin North	Wellbore	No. 1H AWB
Facility	High Chicago 12 ST No. 1H	Sidetrack from	No. 1 AWB OH at 6760.00 MD

REPORT SETUP INFORMATION

Projection System	NAD27 / TM New Mexico State Planes, Eastern Zone (3001), US feet	Software System	WellArchitect® 2.0
North Reference	Grid	User	Victor Hernandez
Scale	0.999927	Report Generated	6/20/2008 at 4:04:43 PM
Convergence at slot	0.21° East	Database/Source file	WA_Midland/No. 1H_AWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	0.00	0.00	624821.70	414312.10	32°08'18.306"N	103°55'48.253"W
Facility Reference Pt			624821.70	414312.10	32°08'18.306"N	103°55'48.253"W
Field Reference Pt			624821.70	414312.10	32°08'18.306"N	103°55'48.253"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on No. 1H SHL (RT) to Facility Vertical Datum	18.00ft
Horizontal Reference Pt	Slot	Rig on No. 1H SHL (RT) to Mean Sea Level	3173.00ft
Vertical Reference Pt	Rig on No. 1H SHL (RT)	Facility Vertical Datum to Mud Line (Facility)	0.00ft
MD Reference Pt	Rig on No. 1H SHL (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	359.74°

SEP 10 2008
OCD-ARTESIA

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Facility	High Chicago 12 ST No. 1H	Sidetrack from	No. 1 AWB OH at 6760.00 MD

WELLPATH DATA (106 stations)													
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]
0.00	0.000	172.050	0.00	0.00	0.00	0.00	624821.70	414312.10	32°08'18.306"N	103°55'48.253"W	0.00	0.000	0.00
200.00	0.750	172.050	199.99	-1.30	-1.30	0.18	624821.88	414310.80	32°08'18.293"N	103°55'48.251"W	1.31	172.050	0.37
400.00	1.000	205.580	399.97	-4.17	-4.17	-0.39	624821.31	414307.93	32°08'18.264"N	103°55'48.258"W	4.19	185.367	0.28
600.00	1.000	227.110	599.94	-6.92	-6.93	-2.42	624819.28	414305.17	32°08'18.237"N	103°55'48.281"W	7.34	199.279	0.19
800.00	1.000	233.650	799.91	-9.13	-9.15	-5.11	624816.59	414302.95	32°08'18.215"N	103°55'48.313"W	10.48	209.169	0.06
1000.00	1.750	216.170	999.85	-12.61	-12.65	-8.32	624813.38	414299.45	32°08'18.181"N	103°55'48.350"W	15.14	213.319	0.43
1200.00	1.000	277.720	1199.80	-14.83	-14.88	-11.85	624809.85	414297.22	32°08'18.159"N	103°55'48.391"W	19.02	218.524	0.77
1400.00	0.250	303.250	1399.79	-14.34	-14.41	-13.94	624807.76	414297.69	32°08'18.164"N	103°55'48.416"W	20.05	224.058	0.39
1600.00	0.250	353.790	1599.79	-13.67	-13.74	-14.35	624807.35	414298.37	32°08'18.170"N	103°55'48.420"W	19.87	226.263	0.11
1800.00	0.250	216.320	1799.79	-13.59	-13.65	-14.66	624807.04	414298.45	32°08'18.171"N	103°55'48.424"W	20.03	227.037	0.23
2000.00	0.250	254.860	1999.79	-14.05	-14.12	-15.34	624806.36	414297.98	32°08'18.166"N	103°55'48.432"W	20.85	227.374	0.08
2200.00	0.500	214.390	2199.78	-14.88	-14.95	-16.25	624805.45	414297.15	32°08'18.158"N	103°55'48.443"W	22.09	227.388	0.17
2400.00	1.750	256.920	2399.74	-16.27	-16.36	-19.72	624801.98	414295.74	32°08'18.144"N	103°55'48.483"W	25.63	230.316	0.71
2600.00	1.250	270.460	2599.67	-16.92	-17.04	-24.88	624796.82	414295.06	32°08'18.138"N	103°55'48.543"W	30.15	235.594	0.30
2800.00	0.250	134.530	2799.66	-17.20	-17.33	-26.75	624794.95	414294.78	32°08'18.135"N	103°55'48.565"W	31.87	237.067	0.72
3000.00	2.250	81.730	2999.60	-16.96	-17.07	-22.55	624799.15	414295.03	32°08'18.138"N	103°55'48.516"W	28.28	232.881	1.05
3200.00	2.750	110.290	3199.42	-18.10	-18.17	-14.17	624807.54	414293.93	32°08'18.126"N	103°55'48.418"W	23.04	217.946	0.66
3400.00	1.500	94.810	3399.28	-20.02	-20.05	-7.06	624814.64	414292.05	32°08'18.107"N	103°55'48.336"W	21.26	199.390	0.68
3600.00	1.000	115.350	3599.23	-21.00	-21.02	-2.87	624818.83	414291.09	32°08'18.098"N	103°55'48.287"W	21.21	187.779	0.33
3800.00	0.500	133.890	3799.22	-22.37	-22.37	-0.66	624821.04	414289.73	32°08'18.084"N	103°55'48.262"W	22.38	181.703	0.27
4000.00	0.250	161.420	3999.21	-23.39	-23.39	0.10	624821.80	414288.71	32°08'18.074"N	103°55'48.253"W	23.39	179.748	0.15
4200.00	0.250	322.950	4199.21	-23.45	-23.45	-0.02	624821.68	414288.65	32°08'18.074"N	103°55'48.254"W	23.45	180.051	0.25
4400.00	0.250	172.490	4399.21	-23.54	-23.54	-0.23	624821.47	414288.56	32°08'18.073"N	103°55'48.257"W	23.54	180.552	0.24
4600.00	0.250	225.020	4599.21	-24.28	-24.28	-0.48	624821.22	414287.82	32°08'18.065"N	103°55'48.260"W	24.28	181.129	0.11
4800.00	0.500	299.560	4799.21	-24.15	-24.16	-1.55	624820.15	414287.95	32°08'18.067"N	103°55'48.272"W	24.21	183.662	0.25
5000.00	0.500	299.090	4999.20	-23.29	-23.30	-3.07	624818.63	414288.80	32°08'18.075"N	103°55'48.290"W	23.50	187.500	0.00
5200.00	0.250	121.480	5199.20	-23.09	-23.10	-3.46	624818.24	414289.00	32°08'18.077"N	103°55'48.294"W	23.36	188.513	0.37
5400.00	0.250	164.860	5399.19	-23.74	-23.75	-2.97	624818.73	414288.35	32°08'18.071"N	103°55'48.289"W	23.94	187.132	0.09
5600.00	0.500	174.250	5599.19	-25.03	-25.04	-2.77	624818.93	414287.06	32°08'18.058"N	103°55'48.286"W	25.20	186.313	0.13
5800.00	0.500	221.630	5799.18	-26.55	-26.56	-3.26	624818.44	414285.54	32°08'18.043"N	103°55'48.292"W	26.76	187.003	0.20

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No. 1H AWP

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Field	(Chicago) Delaware Basin North	Wellbore	No. 1H AWB
Facility	High Chicago 12 ST No. 1H	Sidetrack from	No. 1 AWB OH at 6760.00 MD

WELLPATH DATA (106 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]
6000.00	0.250	155.020	5999.18	-27.59	-27.61	-3.66	624818.04	414284.49	32°08'18.033"N	103°55'48.297"W	27.85	187.548	0.23
6200.00	0.500	212.400	6199.18	-28.73	-28.74	-3.94	624817.76	414283.36	32°08'18.021"N	103°55'48.300"W	29.01	187.809	0.21
6400.00	0.250	255.790	6399.17	-29.57	-29.59	-4.83	624816.87	414282.51	32°08'18.013"N	103°55'48.310"W	29.98	189.276	0.18
6600.00	0.250	8.560	6599.17	-29.24	-29.26	-5.19	624816.51	414282.84	32°08'18.016"N	103°55'48.315"W	29.72	190.058	0.21
6760.00	0.500	165.330	6759.17	-29.57	-29.59	-4.96	624816.74	414282.51	32°08'18.013"N	103°55'48.312"W	30.01	189.518	0.46
6820.00	1.900	350.000	6819.16	-28.84	-28.87	-5.07	624816.63	414283.23	32°08'18.020"N	103°55'48.313"W	29.31	189.958	4.00
6852.00	4.400	353.300	6851.11	-27.10	-27.13	-5.30	624816.40	414284.98	32°08'18.037"N	103°55'48.316"W	27.64	191.063	7.83
6883.00	9.000	353.300	6881.89	-23.51	-23.53	-5.73	624815.98	414288.57	32°08'18.073"N	103°55'48.321"W	24.22	193.673	14.84
6915.00	12.200	357.000	6913.34	-17.64	-17.67	-6.19	624815.51	414294.43	32°08'18.131"N	103°55'48.326"W	18.72	199.319	10.22
6947.00	15.700	359.000	6944.39	-9.93	-9.96	-6.45	624815.25	414302.14	32°08'18.207"N	103°55'48.328"W	11.87	212.909	11.04
6979.00	19.400	0.800	6974.90	-0.29	-0.32	-6.45	624815.25	414311.78	32°08'18.303"N	103°55'48.328"W	6.46	267.196	11.68
7010.00	22.900	1.700	7003.80	10.89	10.86	-6.20	624815.50	414322.96	32°08'18.413"N	103°55'48.325"W	12.51	330.298	11.34
7042.00	26.500	2.300	7032.87	24.25	24.23	-5.73	624815.97	414336.32	32°08'18.546"N	103°55'48.318"W	24.89	346.701	11.28
7074.00	30.100	2.300	7061.04	39.40	39.38	-5.12	624816.58	414351.48	32°08'18.696"N	103°55'48.311"W	39.71	352.596	11.25
7105.00	33.400	3.000	7087.40	55.69	55.67	-4.36	624817.34	414367.77	32°08'18.857"N	103°55'48.301"W	55.84	355.523	10.71
7137.00	35.600	3.700	7113.77	73.78	73.77	-3.30	624818.40	414385.86	32°08'19.036"N	103°55'48.288"W	73.84	357.441	6.99
7169.00	37.800	3.600	7139.42	92.86	92.85	-2.08	624819.62	414404.94	32°08'19.225"N	103°55'48.273"W	92.87	358.717	6.88
7201.00	40.600	2.700	7164.22	113.05	113.04	-0.97	624820.73	414425.13	32°08'19.424"N	103°55'48.259"W	113.05	359.507	8.93
7233.00	44.500	2.100	7187.79	134.66	134.66	-0.07	624821.63	414446.75	32°08'19.638"N	103°55'48.248"W	134.66	359.970	12.25
7264.00	49.400	1.200	7208.95	157.29	157.30	0.57	624822.27	414469.38	32°08'19.862"N	103°55'48.239"W	157.30	0.209	15.95
7296.00	55.200	0.100	7228.51	182.60	182.60	0.85	624822.55	414494.69	32°08'20.113"N	103°55'48.235"W	182.60	0.267	18.33
7328.00	60.500	359.600	7245.53	209.68	209.69	0.78	624822.48	414521.77	32°08'20.381"N	103°55'48.235"W	209.69	0.212	16.62
7359.00	63.800	358.900	7260.01	237.08	237.09	0.42	624822.12	414549.17	32°08'20.652"N	103°55'48.238"W	237.09	0.100	10.83
7391.00	67.500	358.600	7273.20	266.23	266.23	-0.22	624821.48	414578.31	32°08'20.940"N	103°55'48.244"W	266.23	359.952	11.59
7423.00	70.100	358.600	7284.77	296.05	296.05	-0.95	624820.75	414608.13	32°08'21.235"N	103°55'48.251"W	296.05	359.816	8.12
7454.00	71.700	358.700	7294.92	325.34	325.34	-1.64	624820.06	414637.41	32°08'21.525"N	103°55'48.258"W	325.34	359.711	5.17
7486.00	75.000	358.500	7304.08	355.99	355.98	-2.39	624819.31	414668.06	32°08'21.828"N	103°55'48.265"W	355.99	359.615	10.33
7518.00	79.300	358.800	7311.20	387.17	387.16	-3.12	624818.58	414699.24	32°08'22.137"N	103°55'48.272"W	387.18	359.538	13.47
7550.00	83.600	358.700	7315.95	418.81	418.79	-3.81	624817.89	414730.86	32°08'22.450"N	103°55'48.279"W	418.81	359.478	13.44
7582.00	86.100	358.500	7318.83	450.67	450.65	-4.59	624817.11	414762.72	32°08'22.765"N	103°55'48.287"W	450.68	359.416	7.84

Actual Wellpath Report

No. 1H AWP

Page 4 of 6

INTEQ

REFERENCE WELLPATH IDENTIFICATION			
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7614.00	89.500	358.200	7320.05	482.63	482.61	-5.51	624816.19	414794.67	32°08'23.082"N	103°55'48.296"W	482.64	359.345	10.67
7645.00	90.300	358.200	7320.11	513.62	513.60	-6.49	624815.21	414825.66	32°08'23.388"N	103°55'48.306"W	513.64	359.276	2.58
7677.00	90.400	358.200	7319.91	545.61	545.58	-7.49	624814.21	414857.64	32°08'23.705"N	103°55'48.316"W	545.63	359.213	0.31
7741.00	90.700	358.500	7319.30	609.59	609.55	-9.34	624812.37	414921.60	32°08'24.338"N	103°55'48.335"W	609.62	359.123	0.66
7804.00	90.900	359.000	7318.42	672.57	672.53	-10.71	624810.99	414984.58	32°08'24.961"N	103°55'48.348"W	672.61	359.088	0.85
7899.00	90.200	0.400	7317.51	767.56	767.52	-11.21	624810.49	415079.56	32°08'25.901"N	103°55'48.350"W	767.60	359.163	1.65
7994.00	90.500	0.700	7316.93	862.55	862.51	-10.29	624811.41	415174.55	32°08'26.841"N	103°55'48.335"W	862.57	359.316	0.45
8090.00	90.500	1.300	7316.09	958.52	958.49	-8.62	624813.08	415270.52	32°08'27.791"N	103°55'48.311"W	958.53	359.485	0.62
8153.00	89.700	0.900	7315.98	1021.50	1021.48	-7.41	624814.29	415333.51	32°08'28.414"N	103°55'48.295"W	1021.51	359.584	1.42
8248.00	90.300	1.000	7315.98	1116.48	1116.47	-5.83	624815.87	415428.48	32°08'29.354"N	103°55'48.272"W	1116.48	359.701	0.64
8344.00	90.300	1.300	7315.48	1212.45	1212.45	-3.91	624817.79	415524.46	32°08'30.304"N	103°55'48.246"W	1212.45	359.815	0.31
8439.00	89.100	0.200	7315.97	1307.43	1307.43	-2.66	624819.04	415619.44	32°08'31.243"N	103°55'48.227"W	1307.44	359.883	1.71
8534.00	89.200	359.300	7317.38	1402.42	1402.42	-3.08	624818.62	415714.42	32°08'32.183"N	103°55'48.228"W	1402.43	359.874	0.95
8629.00	88.300	357.800	7319.46	1497.38	1497.37	-5.48	624816.22	415809.35	32°08'33.123"N	103°55'48.251"W	1497.38	359.790	1.84
8724.00	88.300	358.200	7322.27	1592.29	1592.27	-8.80	624812.90	415904.25	32°08'34.062"N	103°55'48.286"W	1592.29	359.683	0.42
8819.00	88.600	358.600	7324.84	1687.23	1687.19	-11.45	624810.25	415999.17	32°08'35.002"N	103°55'48.313"W	1687.23	359.611	0.53
8914.00	88.900	358.900	7326.92	1782.19	1782.15	-13.52	624808.18	416094.11	32°08'35.941"N	103°55'48.333"W	1782.20	359.565	0.45
9010.00	89.600	359.100	7328.17	1878.17	1878.13	-15.19	624806.51	416190.08	32°08'36.891"N	103°55'48.348"W	1878.19	359.536	0.76
9105.00	90.000	359.500	7328.50	1973.17	1973.12	-16.36	624805.35	416285.07	32°08'37.831"N	103°55'48.357"W	1973.18	359.525	0.60
9200.00	90.300	359.700	7328.26	2068.17	2068.11	-17.02	624804.68	416380.06	32°08'38.771"N	103°55'48.361"W	2068.18	359.529	0.38
9295.00	90.100	359.900	7327.92	2163.17	2163.11	-17.35	624804.35	416475.05	32°08'39.711"N	103°55'48.361"W	2163.18	359.540	0.30
9386.00	90.600	358.800	7327.37	2254.16	2254.10	-18.38	624803.32	416566.03	32°08'40.612"N	103°55'48.369"W	2254.18	359.533	1.33
9481.00	91.000	357.400	7326.04	2349.11	2349.04	-21.53	624800.17	416660.96	32°08'41.551"N	103°55'48.401"W	2349.14	359.475	1.53
9576.00	91.500	358.900	7323.97	2444.05	2443.96	-24.60	624797.10	416755.88	32°08'42.491"N	103°55'48.433"W	2444.09	359.423	1.66
9671.00	91.900	358.700	7321.15	2539.00	2538.90	-26.59	624795.12	416850.81	32°08'43.430"N	103°55'48.452"W	2539.04	359.400	0.47
9766.00	90.300	358.100	7319.33	2633.95	2633.84	-29.24	624792.46	416945.75	32°08'44.370"N	103°55'48.478"W	2634.01	359.364	1.80
9861.00	90.500	358.800	7318.66	2728.92	2728.81	-31.81	624789.89	417040.70	32°08'45.310"N	103°55'48.504"W	2728.99	359.332	0.77
9957.00	90.600	359.300	7317.74	2824.91	2824.79	-33.40	624788.30	417136.68	32°08'46.260"N	103°55'48.518"W	2824.99	359.323	0.53
10052.00	91.200	359.400	7316.25	2919.90	2919.77	-34.48	624787.22	417231.65	32°08'47.200"N	103°55'48.527"W	2919.97	359.323	0.64
10147.00	91.600	359.400	7313.93	3014.87	3014.74	-35.47	624786.23	417326.61	32°08'48.139"N	103°55'48.534"W	3014.94	359.326	0.42

Actual Wellpath Report

No. 1H AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION			
Operator	Chesapeake Operating, Inc.	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Chicago) Delaware Basin North	Wellbore	No. 1H AWB
Facility	High Chicago 12 ST No. 1H	Sidetrack from	No. 1 AWB OH at 6760.00 MD

WELLPATH DATA (106 stations) † = interpolated/extrapolated station													
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]
10242.00	90.800	359.800	7311.94	3109.84	3109.71	-36.14	624785.57	417421.58	32°08'49.079"N	103°55'48.538"W	3109.92	359.334	0.94
10343.00	90.400	359.200	7310.88	3210.84	3210.70	-37.02	624784.69	417522.56	32°08'50.079"N	103°55'48.544"W	3210.92	359.339	0.71
10438.00	90.300	359.300	7310.30	3305.83	3305.69	-38.26	624783.44	417617.54	32°08'51.019"N	103°55'48.554"W	3305.91	359.337	0.15
10533.00	90.200	359.500	7309.89	3400.83	3400.69	-39.25	624782.45	417712.53	32°08'51.959"N	103°55'48.561"W	3400.91	359.339	0.24
10628.00	90.100	359.100	7309.64	3495.83	3495.68	-40.42	624781.29	417807.52	32°08'52.899"N	103°55'48.571"W	3495.91	359.338	0.43
10723.00	89.700	359.400	7309.80	3590.82	3590.67	-41.66	624780.04	417902.50	32°08'53.839"N	103°55'48.581"W	3590.91	359.335	0.53
10818.00	89.200	359.300	7310.72	3685.81	3685.66	-42.74	624778.97	417997.48	32°08'54.779"N	103°55'48.589"W	3685.91	359.336	0.54
10914.00	88.400	359.500	7312.73	3781.79	3781.63	-43.74	624777.96	418093.45	32°08'55.728"N	103°55'48.597"W	3781.88	359.337	0.86
11009.00	88.300	359.700	7315.46	3876.75	3876.59	-44.40	624777.30	418188.40	32°08'56.668"N	103°55'48.601"W	3876.84	359.344	0.24
11104.00	88.700	359.900	7317.95	3971.72	3971.56	-44.74	624776.97	418283.36	32°08'57.608"N	103°55'48.600"W	3971.81	359.355	0.47
11199.00	89.100	359.500	7319.77	4066.70	4066.54	-45.23	624776.47	418378.33	32°08'58.548"N	103°55'48.602"W	4066.79	359.363	0.60
11295.00	89.600	359.500	7320.86	4162.69	4162.53	-46.07	624775.63	418474.31	32°08'59.498"N	103°55'48.607"W	4162.78	359.366	0.52
11390.00	90.300	359.900	7320.94	4257.69	4257.52	-46.57	624775.13	418569.31	32°09'00.438"N	103°55'48.609"W	4257.78	359.373	0.85
11485.00	91.400	0.500	7319.54	4352.68	4352.51	-46.24	624775.47	418664.29	32°09'01.378"N	103°55'48.601"W	4352.76	359.391	1.32
11580.00	90.600	0.900	7317.88	4447.65	4447.49	-45.08	624776.63	418759.26	32°09'02.318"N	103°55'48.584"W	4447.72	359.419	0.94
11651.00†	90.600	0.900	7317.13	4518.63	4518.48	-43.96	624777.74	418830.24	32°09'03.020"N	103°55'48.567"W	4518.69	359.443	0.00

Actual Wellpath Report

No. 1H AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION			
Operator	Chesapeake Operating, Inc.	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Chicago) Delaware Basin North	Wellbore	No. 1H AWB
Facility	High Chicago 12 ST No. 1H	Sidetrack from	No. 1 AWB OH at 6760.00 MD

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
No. 1H BHL Rev		7314.00	4518.34	-20.50	624801.20	418830.10	32°09'03.018"N	103°55'48.295"W	point
60' from North Hardline									

WELLPATH COMPOSITION					Ref Wellbore: No. 1H AWB		Ref Wellpath: No. 1H AWP	
Start MD [ft]	End MD [ft]	Positional Uncertainty Model			Log Name/Comment		Wellbore	
0.00	6760.00	Gyrodatta standard - Drop gyro or Multi-shot			GYRO		No. 1 AWB OH	
6760.00	11580.00	NaviTrak (Standard)			MWD		No. 1H AWB	
11580.00	11651.00	Blind Drilling (std)			Projection to bit		No. 1H AWB	

