Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1087770

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 3532
Name: CMX, Inc.
Address 1: 1700 N WATERFRONT PKWY Bldg 300B
Address 2:
City: WICHITA State: KS Zip: 67206 + _ _ _ _
Contact Person: Leah A. Kasten
Phone: (316) 269-9052
CONTRACTOR: License # 33132
Name: Dan D Drilling
Wellsite Geologist: Douglas H McGinness II & Leah A. Kasten
Purchaser:

Designate Type of Completion:
☑ New Well ☐ Re-Entry ☐ Workover
☑ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:
Operator:
Well Name:
Original Comp. Date: Original Total Depth:
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

06/21/2011	07/08/2011	09/09/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-23722-01-00
Spot Description:
NW_NE_NW_NW Sec. 8 Twp. 35 S. R. 11 ☐ East ☑ West
200 Feet from ☑ North / ☐ South Line of Section
765 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW
GPS Location: Lat: (e.g. xx.xxxxx), Long: (e.g. -xxx.xxxxx)
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Barber
Lease Name: Grinch Well #: 1-8H
Field Name: Stranathan East
Producing Formation: Mississippian
Elevation: Ground: 1350 Kelly Bushing: 1367
Total Vertical Depth: 9315 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 1060 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from:
feet depth to: w/ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: ppm Fluid volume: bbls
Dewatering method used:
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. ☐ East ☐ West
County: Permit #:

AFFIDAVIT
I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY
☑ **Confidentiality Requested**
Date: 06/21/2011
☑ **Confidential Release Date:** 07/18/2014
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 07/18/2012

[redacted]
1087770

Operator Name: CMX, Inc. Lease Name: Grinch Well #: 1-8H

Sec. 8 Twp. 35 S. R. 11 ☐ East ☑ West County: Barber

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Compact Shuttle Compensate Dual Neutron Density
Compact Shuttle Compact Array Induction

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Kansas City	4324 TVD	-2957 TVD
Stark Sh	4474 TVD	-3107 TVD
B/Kansas City	4559 TVD	-3192 TVD
Cherokee Sh	4706 TVD	-3339 TVD
Mississippian	4790 TVD	-3423 TVD

CASING RECORD ☑ New ☐ Used
Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	9.625	36	1044	Class A light & Pozmix	375	
Intermediate	8.75	7	26	5183	Pozmix	170	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
____ Perforate ____ Protect Casing ____ Plug Back TD ____ Plug Off Zone	-			
	-			

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☐ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth

TUBING RECORD: Size: 4 Set At: 8147 Packer At: 3449

Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 10/06/2011

Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☑ Other *(Explain)* submersible pump

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:
☐ Vented ☑ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☑ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☑ Other *(Specify)* Pakers Plus: Perforated Tubing w/Packers

PRODUCTION INTERVAL:
5183-9315

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

CMX Oil and Gas Exploration

Grinch 1-8H

Barber County, Kansas

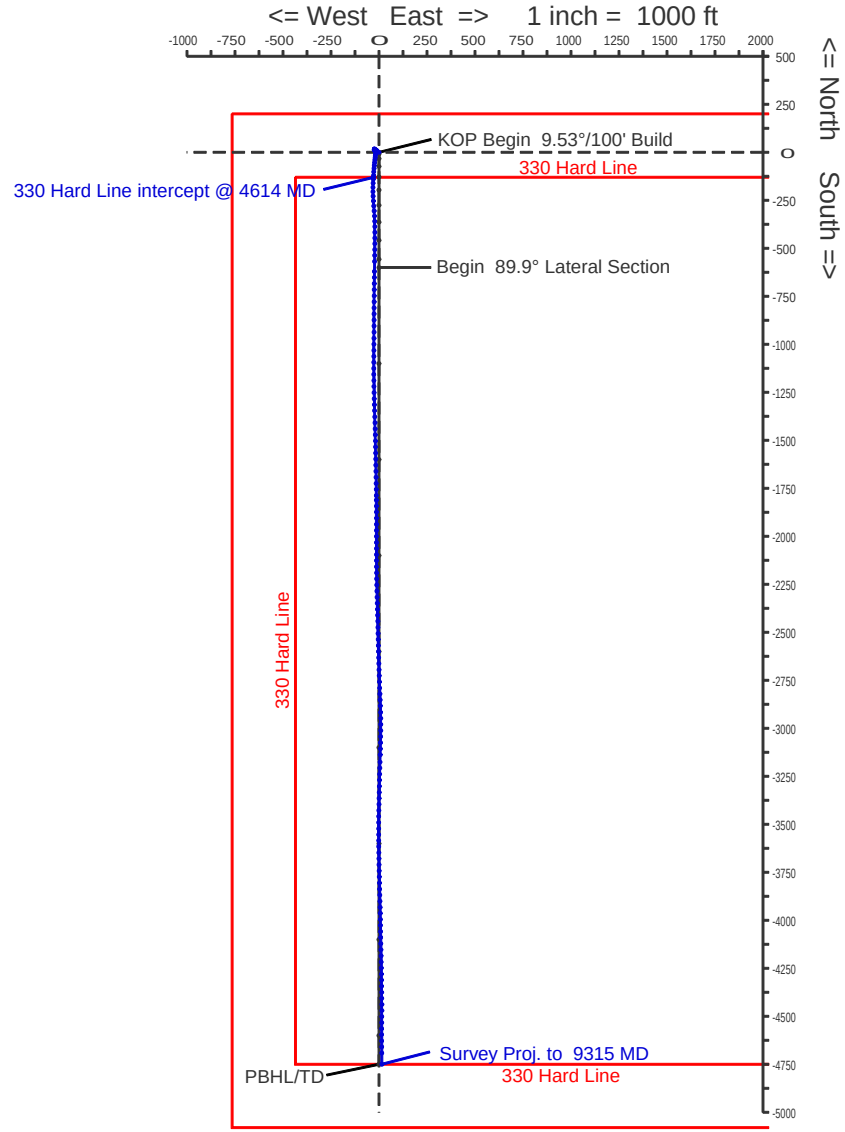
WELL PROFILE DATA rev0

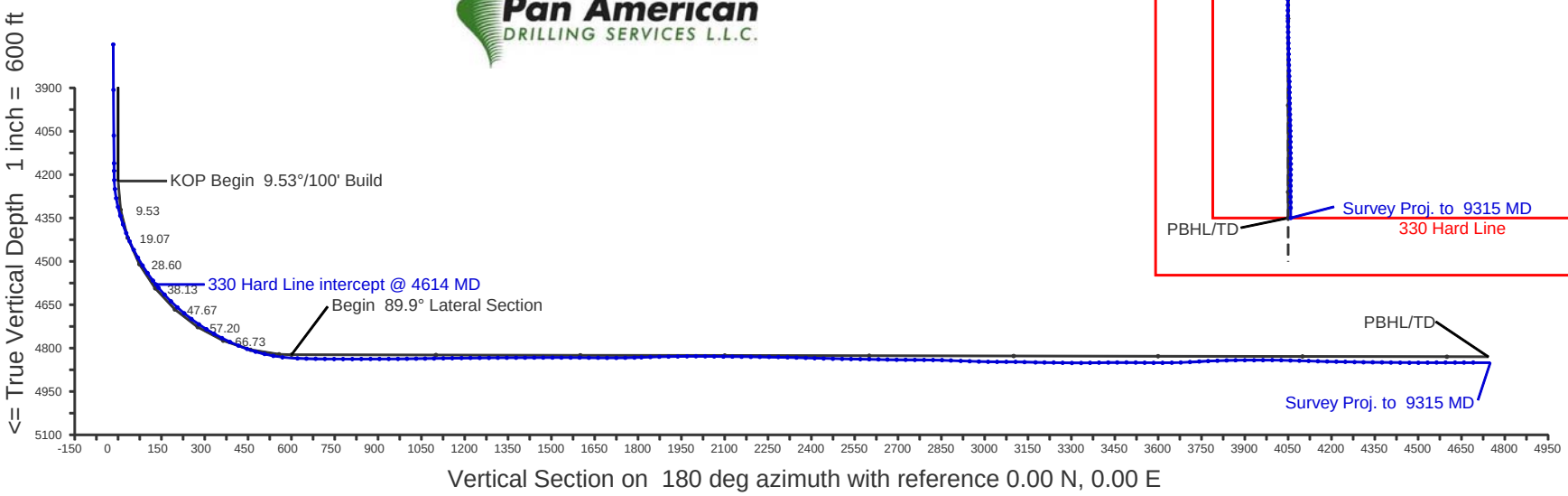
MD	Inc.	Azi.	TVD	N/-S	E/-W	DLS	Comment 05-19-2011
4222	0.00	180.00	4222	0	0	0.00	KOP Begin 9.53°/100' Build
5165	89.90	180.00	4823	-600	0	9.53	Begin 89.9° Lateral Section
9315	89.90	180.00	4830	-4750	0	0.00	PBHL/TD

WELL PROFILE DATA svys

MD	Inc.	Azi.	TVD	N/-S	E/-W	DLS	Comment 07-19-2011
4614	38.43	183.45	4580	-130	-29	8.44	330 Hard Line intercept @ 4614 MD
9315	89.70	179.50	4850	-4750	15	0.00	Survey Proj. to 9315 MD

Pan American DRILLING SERVICES L.L.C.





Pan American Drilling Services, LLC

Company: CMX Oil and Gas Exploration
Well: Grinch 1-8H
Location: Barber County, Kansas Sec8-35S-11W

Date:19-Jul-2011
Surveys
Page 1
Job# : 5893
Gr elev=1346 RKB=1363

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD (feet)	N/-S (feet)	E/-W (feet)	DLS (deg/100')	VS @ 180.00° (feet)	Comments
Surface Location								200 FNL 765 FWL Sec8
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1234.00	1.20	308.80	1233.91	8.10	-10.07	0.10	-8.10	
1390.00	1.10	300.90	1389.88	9.89	-12.63	0.12	-9.89	
1547.00	1.10	304.20	1546.85	11.51	-15.17	0.04	-11.51	
1703.00	0.90	288.00	1702.83	12.73	-17.57	0.22	-12.73	
1861.00	0.70	266.80	1860.81	13.06	-19.72	0.22	-13.06	
2019.00	0.60	245.60	2018.80	12.66	-21.43	0.16	-12.66	
2177.00	0.30	229.70	2176.80	12.06	-22.50	0.20	-12.06	
2334.00	0.20	268.70	2333.79	11.78	-23.09	0.12	-11.78	
2490.00	0.20	265.30	2489.79	11.75	-23.63	0.01	-11.75	
2646.00	0.20	320.20	2645.79	11.94	-24.08	0.12	-11.94	
2804.00	0.40	14.70	2803.79	12.69	-24.11	0.21	-12.69	
2961.00	0.50	5.40	2960.79	13.90	-23.91	0.08	-13.90	
3119.00	0.50	350.50	3118.78	15.27	-23.96	0.08	-15.27	
3277.00	0.20	6.00	3276.78	16.22	-24.04	0.20	-16.22	
3434.00	0.10	101.00	3433.78	16.47	-23.88	0.15	-16.47	
3591.00	0.40	13.80	3590.78	16.97	-23.62	0.26	-16.97	
3750.00	0.30	183.00	3749.77	17.10	-23.51	0.44	-17.10	
3907.00	0.30	153.30	3906.77	16.32	-23.34	0.10	-16.32	
4065.00	0.90	131.80	4064.76	15.12	-22.23	0.40	-15.12	
4161.00	0.50	110.50	4160.76	14.47	-21.28	0.49	-14.47	
4187.00	0.70	116.50	4186.75	14.36	-21.03	0.81	-14.36	
4219.00	2.70	154.80	4218.74	13.59	-20.53	6.86	-13.59	
4250.00	6.20	163.30	4249.64	11.33	-19.74	11.46	-11.33	
4282.00	9.80	171.00	4281.33	6.98	-18.82	11.71	-6.98	
4313.00	13.60	176.70	4311.68	0.73	-18.20	12.80	-0.73	
4344.00	16.30	182.70	4341.63	-7.25	-18.19	10.03	7.25	
4376.00	18.70	185.10	4372.14	-16.85	-18.86	7.83	16.85	
4408.00	21.40	185.90	4402.20	-27.77	-19.91	8.48	27.77	
4439.00	24.40	186.20	4430.76	-39.76	-21.19	9.68	39.76	

Pan American Drilling Services, LLC

Company: CMX Oil and Gas Exploration
Well: Grinch 1-8H
Location: Barber County, Kansas Sec8-35S-11W

Date:19-Jul-2011
Surveys

Job# : 5893
Gr elev=1346 RKB=1363

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD (feet)	N/-S (feet)	E/-W (feet)	DLS (deg/100')	VS @ 180.00° (feet)	Comments
4471.00	27.00	186.40	4459.59	-53.55	-22.71	8.13	53.55	
4502.00	29.40	185.70	4486.91	-68.12	-24.25	7.82	68.12	
4534.00	32.10	184.90	4514.40	-84.41	-25.76	8.53	84.41	
4565.00	34.60	183.70	4540.30	-101.40	-27.03	8.34	101.40	
4597.00	37.00	183.50	4566.25	-120.08	-28.20	7.51	120.08	
4614.00	38.43	183.45	4579.70	-130.46	-28.83	8.44	130.46	330 Hard Line intercept
4629.00	39.70	183.40	4591.34	-139.90	-29.40	8.44	139.90	
4660.00	42.50	182.60	4614.70	-160.25	-30.46	9.19	160.25	
4692.00	45.20	181.00	4637.78	-182.40	-31.15	9.12	182.40	
4723.00	47.80	179.30	4659.12	-204.89	-31.20	9.28	204.89	
4754.00	50.50	177.30	4679.39	-228.32	-30.50	9.98	228.32	
4786.00	53.30	175.80	4699.13	-253.45	-28.98	9.50	253.45	
4818.00	55.80	175.50	4717.69	-279.44	-27.00	7.85	279.44	
4849.00	58.30	175.70	4734.55	-305.38	-25.00	8.08	305.38	
4880.00	60.50	176.60	4750.33	-332.00	-23.21	7.52	332.00	
4911.00	62.30	177.90	4765.17	-359.18	-21.91	6.88	359.18	
4942.00	65.40	179.40	4778.83	-387.00	-21.26	10.90	387.00	
4974.00	68.00	180.00	4791.49	-416.39	-21.11	8.31	416.39	
5006.00	70.40	180.50	4802.85	-446.30	-21.24	7.64	446.30	
5037.00	74.00	180.50	4812.33	-475.81	-21.50	11.61	475.81	
5069.00	76.90	180.50	4820.37	-506.78	-21.77	9.06	506.78	
5100.00	79.20	180.80	4826.78	-537.10	-22.11	7.48	537.10	
5132.00	83.10	181.00	4831.71	-568.71	-22.61	12.20	568.71	
5184.00	88.50	180.80	4835.51	-620.54	-23.42	10.39	620.54	
5215.00	88.60	180.70	4836.30	-651.53	-23.83	0.46	651.53	
5247.00	89.00	180.60	4836.97	-683.52	-24.19	1.29	683.52	
5279.00	89.40	180.50	4837.41	-715.52	-24.50	1.29	715.52	
5311.00	89.60	180.40	4837.69	-747.52	-24.75	0.70	747.52	
5342.00	90.00	180.60	4837.80	-778.51	-25.02	1.44	778.51	
5374.00	90.20	180.30	4837.75	-810.51	-25.27	1.13	810.51	

Pan American Drilling Services, LLC

Company: CMX Oil and Gas Exploration
Well: Grinch 1-8H
Location: Barber County, Kansas Sec8-35S-11W

Date:19-Jul-2011
Surveys

Job# : 5893
Gr elev=1346 RKB=1363

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD (feet)	N/-S (feet)	E/-W (feet)	DLS (deg/100')	VS @ 180.00° (feet)	Comments
5405.00	90.30	180.40	4837.61	-841.51	-25.46	0.46	841.51	
5437.00	90.00	180.10	4837.53	-873.51	-25.60	1.33	873.51	
5468.00	90.00	180.20	4837.53	-904.51	-25.68	0.32	904.51	
5500.00	90.30	180.00	4837.44	-936.51	-25.74	1.13	936.51	
5532.00	90.40	180.40	4837.25	-968.51	-25.85	1.29	968.51	
5563.00	90.70	180.50	4836.95	-999.51	-26.09	1.02	999.51	
5595.00	90.80	180.50	4836.53	-1031.50	-26.37	0.31	1031.50	
5626.00	90.70	180.30	4836.13	-1062.50	-26.59	0.72	1062.50	
5657.00	90.80	180.00	4835.72	-1093.50	-26.67	1.02	1093.50	
5689.00	91.00	180.30	4835.22	-1125.49	-26.75	1.13	1125.49	
5720.00	91.00	179.80	4834.68	-1156.49	-26.78	1.61	1156.49	
5752.00	90.60	179.40	4834.23	-1188.49	-26.56	1.77	1188.49	
5783.00	90.20	178.90	4834.01	-1219.48	-26.10	2.07	1219.48	
5815.00	90.30	178.90	4833.87	-1251.48	-25.48	0.31	1251.48	
5847.00	90.30	178.10	4833.71	-1283.46	-24.64	2.50	1283.46	
5878.00	90.50	178.10	4833.49	-1314.45	-23.62	0.65	1314.45	
5909.00	90.40	178.30	4833.25	-1345.43	-22.64	0.72	1345.43	
5941.00	90.10	178.10	4833.11	-1377.41	-21.64	1.13	1377.41	
5972.00	90.10	178.20	4833.05	-1408.40	-20.64	0.32	1408.40	
6004.00	90.20	178.50	4832.97	-1440.38	-19.72	0.99	1440.38	
6035.00	90.10	178.50	4832.89	-1471.37	-18.90	0.32	1471.37	
6067.00	89.80	178.90	4832.92	-1503.36	-18.18	1.56	1503.36	
6098.00	90.10	179.10	4832.94	-1534.36	-17.64	1.16	1534.36	
6130.00	90.10	179.10	4832.89	-1566.36	-17.13	0.00	1566.36	
6161.00	89.70	178.90	4832.94	-1597.35	-16.59	1.44	1597.35	
6193.00	89.60	179.10	4833.14	-1629.35	-16.04	0.70	1629.35	
6225.00	89.40	178.90	4833.42	-1661.34	-15.48	0.88	1661.34	
6256.00	89.40	179.30	4833.74	-1692.33	-14.99	1.29	1692.33	
6288.00	90.30	179.10	4833.82	-1724.33	-14.54	2.88	1724.33	
6319.00	91.30	178.80	4833.39	-1755.32	-13.98	3.37	1755.32	

Pan American Drilling Services, LLC

Company: CMX Oil and Gas Exploration
Well: Grinch 1-8H
Location: Barber County, Kansas Sec8-35S-11W

Date:19-Jul-2011
Surveys

Job# : 5893
Gr elev=1346 RKB=1363

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD (feet)	N/-S (feet)	E/-W (feet)	DLS (deg/100')	VS @ 180.00° (feet)	Comments
6351.00	91.20	179.50	4832.69	-1787.31	-13.50	2.21	1787.31	
6375.00	92.10	179.60	4832.00	-1811.30	-13.31	3.77	1811.30	
6406.00	92.10	179.60	4830.87	-1842.28	-13.10	0.00	1842.28	
6437.00	91.50	179.60	4829.89	-1873.26	-12.88	1.94	1873.26	
6469.00	90.70	179.80	4829.28	-1905.25	-12.71	2.58	1905.25	
6501.00	90.80	180.20	4828.86	-1937.25	-12.71	1.29	1937.25	
6533.00	91.00	180.30	4828.36	-1969.25	-12.85	0.70	1969.25	
6564.00	90.20	179.80	4828.03	-2000.25	-12.88	3.04	2000.25	
6596.00	89.30	179.70	4828.17	-2032.24	-12.74	2.83	2032.24	
6627.00	88.90	179.90	4828.66	-2063.24	-12.63	1.44	2063.24	
6659.00	89.30	180.10	4829.16	-2095.24	-12.63	1.40	2095.24	
6690.00	89.70	180.10	4829.43	-2126.24	-12.68	1.29	2126.24	
6722.00	89.10	179.50	4829.77	-2158.23	-12.57	2.65	2158.23	
6754.00	89.70	179.30	4830.10	-2190.23	-12.24	1.98	2190.23	
6785.00	89.80	179.10	4830.24	-2221.23	-11.81	0.72	2221.23	
6817.00	89.20	179.10	4830.52	-2253.22	-11.30	1.88	2253.22	
6849.00	88.90	178.50	4831.05	-2285.21	-10.63	2.10	2285.21	
6881.00	88.30	178.00	4831.83	-2317.18	-9.66	2.44	2317.18	
6912.00	88.20	178.30	4832.77	-2348.15	-8.66	1.02	2348.15	
6944.00	88.40	178.30	4833.72	-2380.13	-7.71	0.63	2380.13	
6975.00	88.00	178.00	4834.70	-2411.09	-6.71	1.61	2411.09	
7006.00	87.90	178.50	4835.81	-2442.06	-5.76	1.64	2442.06	
7038.00	88.70	178.90	4836.76	-2474.04	-5.03	2.79	2474.04	
7070.00	89.00	179.00	4837.40	-2506.03	-4.45	0.99	2506.03	
7101.00	89.20	178.60	4837.89	-2537.01	-3.80	1.44	2537.01	
7133.00	89.60	178.90	4838.22	-2569.00	-3.10	1.56	2569.00	
7164.00	89.60	178.20	4838.44	-2599.99	-2.32	2.26	2599.99	
7196.00	88.90	178.40	4838.86	-2631.98	-1.37	2.28	2631.98	
7227.00	88.50	178.10	4839.56	-2662.95	-0.42	1.61	2662.95	
7259.00	89.30	178.10	4840.17	-2694.93	0.64	2.50	2694.93	

Pan American Drilling Services, LLC

Company: CMX Oil and Gas Exploration
Well: Grinch 1-8H
Location: Barber County, Kansas Sec8-35S-11W

Date:19-Jul-2011
Surveys

Job# : 5893
Gr elev=1346 RKB=1363

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD (feet)	N/-S (feet)	E/-W (feet)	DLS (deg/100')	VS @ 180.00° (feet)	Comments
7290.00	89.50	178.20	4840.50	-2725.91	1.64	0.72	2725.91	
7322.00	89.60	177.90	4840.75	-2757.89	2.73	0.99	2757.89	
7354.00	89.70	177.80	4840.94	-2789.87	3.93	0.44	2789.87	
7385.00	89.70	178.30	4841.11	-2820.85	4.98	1.61	2820.85	
7416.00	88.70	178.10	4841.54	-2851.83	5.96	3.29	2851.83	
7447.00	87.40	177.60	4842.59	-2882.79	7.12	4.49	2882.79	
7481.00	87.40	177.80	4844.14	-2916.73	8.48	0.59	2916.73	
7512.00	87.90	178.70	4845.41	-2947.69	9.43	3.32	2947.69	
7544.00	88.00	180.10	4846.55	-2979.67	9.76	4.38	2979.67	
7576.00	89.10	180.60	4847.36	-3011.65	9.57	3.78	3011.65	
7607.00	90.30	181.30	4847.52	-3042.65	9.05	4.48	3042.65	
7639.00	90.20	181.50	4847.39	-3074.64	8.27	0.70	3074.64	
7671.00	89.00	181.50	4847.61	-3106.63	7.44	3.75	3106.63	
7702.00	88.30	181.30	4848.34	-3137.61	6.68	2.35	3137.61	
7740.00	88.90	181.70	4849.27	-3175.58	5.68	1.90	3175.58	
7771.00	89.90	181.80	4849.59	-3206.57	4.74	3.24	3206.57	
7803.00	88.90	181.80	4849.93	-3238.55	3.73	3.13	3238.55	
7834.00	88.50	181.00	4850.63	-3269.53	2.97	2.88	3269.53	
7866.00	89.40	181.20	4851.22	-3301.52	2.36	2.88	3301.52	
7898.00	90.60	181.40	4851.22	-3333.51	1.63	3.80	3333.51	
7929.00	91.40	181.60	4850.68	-3364.50	0.82	2.66	3364.50	
7960.00	90.70	181.10	4850.11	-3395.48	0.09	2.77	3395.48	
7992.00	90.20	181.30	4849.86	-3427.47	-0.58	1.68	3427.47	
8023.00	90.70	180.30	4849.61	-3458.47	-1.01	3.61	3458.47	
8055.00	89.80	179.90	4849.47	-3490.47	-1.07	3.08	3490.47	
8087.00	88.80	179.90	4849.86	-3522.47	-1.01	3.13	3522.47	
8118.00	88.80	180.40	4850.51	-3553.46	-1.09	1.61	3553.46	
8149.00	89.50	179.90	4850.97	-3584.46	-1.17	2.77	3584.46	
8180.00	90.90	179.20	4850.87	-3615.45	-0.93	5.05	3615.45	
8212.00	90.80	179.00	4850.39	-3647.45	-0.43	0.70	3647.45	

Pan American Drilling Services, LLC

Company: CMX Oil and Gas Exploration
Well: Grinch 1-8H
Location: Barber County, Kansas Sec8-35S-11W

Date:19-Jul-2011
Surveys

Job# : 5893
Gr elev=1346 RKB=1363

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD (feet)	N/-S (feet)	E/-W (feet)	DLS (deg/100')	VS @ 180.00° (feet)	Comments
8243.00	92.00	179.40	4849.63	-3678.43	0.01	4.08	3678.43	
8275.00	93.60	179.20	4848.07	-3710.39	0.40	5.04	3710.39	
8307.00	93.20	178.80	4846.17	-3742.33	0.95	1.77	3742.33	
8338.00	92.40	178.30	4844.66	-3773.28	1.74	3.04	3773.28	
8370.00	91.60	178.50	4843.54	-3805.25	2.63	2.58	3805.25	
8402.00	92.00	178.40	4842.54	-3837.22	3.50	1.29	3837.22	
8433.00	90.30	178.60	4841.91	-3868.20	4.31	5.52	3868.20	
8465.00	89.90	178.50	4841.86	-3900.19	5.12	1.29	3900.19	
8497.00	90.10	178.60	4841.86	-3932.18	5.93	0.70	3932.18	
8528.00	91.10	178.40	4841.53	-3963.17	6.74	3.29	3963.17	
8560.00	89.80	178.80	4841.28	-3995.16	7.52	4.25	3995.16	
8591.00	88.30	179.00	4841.80	-4026.15	8.12	4.88	4026.15	
8623.00	88.40	179.20	4842.72	-4058.13	8.62	0.70	4058.13	
8654.00	88.50	179.10	4843.56	-4089.12	9.08	0.46	4089.12	
8686.00	88.40	178.90	4844.42	-4121.10	9.64	0.70	4121.10	
8718.00	88.40	178.90	4845.31	-4153.08	10.25	0.00	4153.08	
8750.00	88.60	178.60	4846.15	-4185.06	10.95	1.13	4185.06	
8782.00	89.00	179.20	4846.82	-4217.05	11.56	2.25	4217.05	
8813.00	88.70	178.90	4847.45	-4248.04	12.08	1.37	4248.04	
8845.00	88.50	178.70	4848.23	-4280.02	12.75	0.88	4280.02	
8876.00	89.40	178.60	4848.79	-4311.01	13.48	2.92	4311.01	
8908.00	89.70	179.40	4849.05	-4343.00	14.03	2.67	4343.00	
8940.00	89.50	179.30	4849.27	-4375.00	14.40	0.70	4375.00	
8971.00	88.40	178.90	4849.84	-4405.99	14.88	3.78	4405.99	
9003.00	89.20	179.40	4850.51	-4437.98	15.36	2.95	4437.98	
9035.00	90.00	180.90	4850.73	-4469.98	15.27	5.31	4469.98	
9066.00	90.50	180.70	4850.60	-4500.97	14.84	1.74	4500.97	
9098.00	91.10	180.70	4850.15	-4532.97	14.45	1.88	4532.97	
9129.00	90.70	180.50	4849.66	-4563.96	14.13	1.44	4563.96	
9160.00	89.50	180.00	4849.61	-4594.96	13.99	4.19	4594.96	

Pan American Drilling Services, LLC

Company: CMX Oil and Gas Exploration
Well: Grinch 1-8H
Location: Barber County, Kansas Sec8-35S-11W

Date:19-Jul-2011
Surveys

Job# : 5893
Gr elev=1346 RKB=1363

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD (feet)	N/-S (feet)	E/-W (feet)	DLS (deg/100')	VS @ 180.00° (feet)	Comments
9193.00	89.70	179.70	4849.84	-4627.96	14.08	1.09	4627.96	
9224.00	90.10	179.40	4849.89	-4658.96	14.32	1.61	4658.96	
9256.00	89.70	179.50	4849.95	-4690.96	14.63	1.29	4690.96	
9315.00	89.70	179.50	4850.26	-4749.96	15.14	0.00	4749.96	Survey Proj. to 9315 MD

Oil and Gas Exploration

Curtis Clark, 303-470-9043

Frac Report

September 9, 2011

Grinch 1-8H

200'FNL, 765'FWL Sec8-35S-11W

Barber County, Kansas

1346'GL

9315'MD

7" – 511

41/2" 11.60#, N-80

5000# Max Pressure, Max Rate 100BPM

Frac Company – Cudd Energy Services

Completion Packers – Packers Plus 10-Stage StackFRAC HD

The Grinch 1-8H was fraced on September 9, 2011 by Cudd Energy Services. The original plan for the well was a 10 stage Packers Plus frac design. However we could not reach bottom with the 10 stage system which left us with an 1100' tow section and the liner hanger set in the vertical section at 3449'. We preceded to frac the horizontal section with the 8 stages that were in place. The following is a summary of the eight stages that were fraced with volume totals of fluids, frac sands and average treating pressures.

Stage #1 8,147' to 9315' (the toe)

4057 gal 15% NEFE HCL, 335,047 gal Slick Water, 3641 gal CMHPG, 177,666 lbs. 30/50 Ottawa sand, 13,245 lbs. Brady Sand, Max. Rate 94 BPM, Avg. Rate 78BPM, Max. Pres. 4,253 psi, Avg. Pres. 3,505 psi

Stage #2 7508' to 7921'

1525 gal 15% NEFE HCL, 175,216 gals Slick Water, 3637 gals CMHPG, 87,913 lbs. 30/50 Ottawa sand, 13,407 lbs. 16/30 Brady sand, Max. Rate 91 BPM, Avg. Rate 80BPM, Max. Pres. 3,248 psi, Avg. Pres. 2,837 psi

Stage #3 7508' to 7175'

1524 gal 15% NEFE HCL, 175,665 gals Slick Water, 3238 gals CMHPG, 88,914 lbs. 30/50 Ottawa sand, 12,616 lbs. 16/30 Brady sand, Max. Rate 81 BPM, Avg. Rate 68 BPM, Max. Pres. 4,536 psi, Avg. Pres. 3,756 psi.

Stage #4 7155' to 6722'

1520 gal 15% NEFE HCL, 176,606 gals Slick Water, 3356 gals CMHPG, 86,808 lbs. 30/50 Ottawa sand, 13,016 lbs. 16/30 Brady sand, Max. Rate 81 BPM, Avg. Rate 74 BPM, Max. Pres. 4,169 psi, Avg. Pres. 3,608 psi.

Stage #5 6722' – 6348'

1512 gal 15% NEFE HCL, 174,157 gals Slick Water, 3440 gals CMHPG, 88,246 lbs. 30/50 Ottawa sand, 12,535 lbs. 16/30 Brady sand, Max. Rate 83 BPM, Avg. Rate 70 BPM, Max. Pres. 4,419 psi, Avg. Pres. 3,384 psi.

Stage #6 6348' – 5975'

1529 gal 15% NEFE HCL, 174,191 gals Slick Water, 3037 gals CMHPG, 81,659 lbs. 30/50 Ottawa sand, 13,726 lbs. 16/30 Brady sand, Max. Rate 91 BPM, Avg. Rate 76 BPM, Max. pres. 2,601, Avg. Pres. 2,267 psi.

Stage #7 5975' – 5566'

1722 gal 15% NEFE HCL, 176,547 gals Slick Water, 2911 gals CMHPG, 86,273 lbs. 30/50 Ottawa sand, 10,733 lbs. 16/30 Brady sand, Max. Rate 92 BPM, Avg. Rate 75 BPM, Max. Pres. 3,538 psi, Avg. Pres. 2,935 psi.

Stage #8 5566' – 5183'

174,863 gals Slick Water, 3045 gals CMHPG, 84,916 lbs. 30/50 Ottawa sand, 12,924 lbs. 16/30 Brady sand, Max. Rate 83 BPM, Avg. Rate 77 BPM, Max. Pres. 2,431 psi, Avg. Pres. 1,901 psi.

Total Volumes: 801,920 Ottawa Sand, 99,880 16/30 Brady Sand, 1,562,292 gal Slick Water

PACKERS PLUS - PACKER PLACEMENT

Packers Plus ® Do It Once Do It Right

Operator:	CMX	**Base Point:**	Conway
Company Rep:	Raymond Tar	**Packers Plus Rep:**	Gary Goodman
Well Name:	Grinch 1-8H	**Date Started:**	7/8/2011
Ticket Number:	SOU002670	**Date Completed:**	1/0/1900
County/State:	Barber Co, KS	**Type of Job:**	StackFrac HD

Item	Description	Length	Landed @ Actual MD	Date TMD Accumulated	Proposed
			8213.00		
	GS	0.75	8212.25	0.75	
	FC	1.34	8210.91	2.09	
	PUP	6.11	8204.80	8.20	
	FC	1.28	8203.52	9.48	
	TOE SUB	2.73	8200.79	12.21	
	PUP	6.10	8194.69	18.31	
1	4.5" 11.6ppf N-80 LTC	39.56	8155.13	57.87	
	PUP	3.08	8152.05	60.95	
	DHY	4.34	8147.71	65.29	
	PUP	6.10	8141.61	71.39	
2	4.5" 11.6ppf N-80 LTC	39.72	8101.89	111.11	
3	4.5" 11.6ppf N-80 LTC	36.75	8065.14	147.86	
	PUP	3.07	8062.07	150.93	
	RSIIS	7.18	8054.89	158.11	
	PUP	6.07	8048.82	164.18	
4	4.5" 11.6ppf N-80 LTC	39.66	8009.16	203.84	
5	4.5" 11.6ppf N-80 LTC	39.53	7969.63	243.37	
6	4.5" 11.6ppf N-80 LTC	39.70	7929.93	283.07	
	PUP	3.03	7926.90	286.10	
	RSII	5.22	7921.68	291.32	
	PUP	6.11	7915.57	297.43	
7	4.5" 11.6ppf N-80 LTC	39.67	7875.90	337.10	
8	4.5" 11.6ppf N-80 LTC	39.70	7836.20	376.80	
9	4.5" 11.6ppf N-80 LTC	39.52	7796.68	416.32	
10	4.5" 11.6ppf N-80 LTC	39.56	7757.12	455.88	
	2.375 FRAC PORT	2.65	7754.47	458.53	
11	4.5" 11.6ppf N-80 LTC	39.60	7714.87	498.13	
12	4.5" 11.6ppf N-80 LTC	39.68	7675.19	537.81	
13	4.5" 11.6ppf N-80 LTC	39.45	7635.74	577.26	
14	4.5" 11.6ppf N-80 LTC	39.56	7596.18	616.82	
15	4.5" 11.6ppf N-80 LTC	39.61	7556.57	656.43	
16	4.5" 11.6ppf N-80 LTC	39.63	7516.94	696.06	
	PUP	3.06	7513.88	699.12	
	RSII	5.23	7508.65	704.35	
	PUP	6.10	7502.55	710.45	
17	4.5" 11.6ppf N-80 LTC	39.61	7462.94	750.06	

PACKERS PLUS - PACKER PLACEMENT

18	4.5" 11.6ppf N-80 LTC	39.66	7423.28	789.72	
19	4.5" 11.6ppf N-80 LTC	39.70	7383.58	829.42	
20	4.5" 11.6ppf N-80 LTC	39.52	7344.06	868.94	
	2.50 FRAC PORT	2.65	7341.41	871.59	
21	4.5" 11.6ppf N-80 LTC	39.45	7301.96	911.04	
22	4.5" 11.6ppf N-80 LTC	39.51	7262.45	950.55	
23	4.5" 11.6ppf N-80 LTC	39.55	7222.90	990.10	
24	4.5" 11.6ppf N-80 LTC	39.54	7183.36	1029.64	
	PUP	3.07	7180.29	1032.71	
	RSII	5.22	7175.07	1037.93	
	PUP	6.11	7168.96	1044.04	
25	4.5" 11.6ppf N-80 LTC	39.58	7129.38	1083.62	
26	4.5" 11.6ppf N-80 LTC	39.55	7089.83	1123.17	
27	4.5" 11.6ppf N-80 LTC	39.60	7050.23	1162.77	
28	4.5" 11.6ppf N-80 LTC	39.70	7010.53	1202.47	
29	4.5" 11.6ppf N-80 LTC	39.65	6970.88	1242.12	
30	4.5" 11.6ppf N-80 LTC	39.36	6931.52	1281.48	
	2.625 FRAC PORT	2.65	6928.87	1284.13	
31	4.5" 11.6ppf N-80 LTC	39.65	6889.22	1323.78	
32	4.5" 11.6ppf N-80 LTC	39.62	6849.60	1363.40	
33	4.5" 11.6ppf N-80 LTC	39.65	6809.95	1403.05	
34	4.5" 11.6ppf N-80 LTC	39.66	6770.29	1442.71	
35	4.5" 11.6ppf N-80 LTC	39.56	6730.73	1482.27	
	PUP	2.98	6727.75	1485.25	
	RSII	5.22	6722.53	1490.47	
	PUP	6.09	6716.44	1496.56	
36	4.5" 11.6ppf N-80 LTC	39.61	6676.83	1536.17	
37	4.5" 11.6ppf N-80 LTC	39.52	6637.31	1575.69	
38	4.5" 11.6ppf N-80 LTC	39.58	6597.73	1615.27	
39	4.5" 11.6ppf N-80 LTC	39.58	6558.15	1654.85	
	2.750 FRAC PORT	2.65	6555.50	1657.50	
40	4.5" 11.6ppf N-80 LTC	39.70	6515.80	1697.20	
41	4.5" 11.6ppf N-80 LTC	39.67	6476.13	1736.87	
42	4.5" 11.6ppf N-80 LTC	39.67	6436.46	1776.54	
43	4.5" 11.6ppf N-80 LTC	39.63	6396.83	1816.17	
44	4.5" 11.6ppf N-80 LTC	39.56	6357.27	1855.73	
	PUP	3.07	6354.20	1858.80	
	RSII	5.23	6348.97	1864.03	
	PUP	6.09	6342.88	1870.12	
45	4.5" 11.6ppf N-80 LTC	39.58	6303.30	1909.70	
46	4.5" 11.6ppf N-80 LTC	39.55	6263.75	1949.25	
47	4.5" 11.6ppf N-80 LTC	39.64	6224.11	1988.89	
48	4.5" 11.6ppf N-80 LTC	39.62	6184.49	2028.51	
	2.875 FRAC PORT	2.65	6181.84	2031.16	
49	4.5" 11.6ppf N-80 LTC	39.55	6142.29	2070.71	
50	4.5" 11.6ppf N-80 LTC	39.65	6102.64	2110.36	
51	4.5" 11.6ppf N-80 LTC	39.54	6063.10	2149.90	
52	4.5" 11.6ppf N-80 LTC	39.66	6023.44	2189.56	

PACKERS PLUS - PACKER PLACEMENT

53	4.5" 11.6ppf N-80 LTC	39.60	5983.84	2229.16	
	PUP	2.98	5980.86	2232.14	
	RSII	5.23	5975.63	2237.37	
	PUP	6.10	5969.53	2243.47	
54	4.5" 11.6ppf N-80 LTC	39.59	5929.94	2283.06	
55	4.5" 11.6ppf N-80 LTC	39.62	5890.32	2322.68	
56	4.5" 11.6ppf N-80 LTC	39.56	5850.76	2362.24	
57	4.5" 11.6ppf N-80 LTC	39.65	5811.11	2401.89	
58	4.5" 11.6ppf N-80 LTC	39.52	5771.59	2441.41	
	3.00 FRAC PORT	2.65	5768.94	2444.06	
59	4.5" 11.6ppf N-80 LTC	39.50	5729.44	2483.56	
60	4.5" 11.6ppf N-80 LTC	39.45	5689.99	2523.01	
61	4.5" 11.6ppf N-80 LTC	36.40	5653.59	2559.41	
62	4.5" 11.6ppf N-80 LTC	39.51	5614.08	2598.92	
63	4.5" 11.6ppf N-80 LTC	39.63	5574.45	2638.55	
	PUP	3.07	5571.38	2641.62	
	RSII	5.23	5566.15	2646.85	
	PUP	6.10	5560.05	2652.95	
64	4.5" 11.6ppf N-80 LTC	2.65	5557.40	2655.60	
65	4.5" 11.6ppf N-80 LTC	39.66	5517.74	2695.26	
66	4.5" 11.6ppf N-80 LTC	39.58	5478.16	2734.84	
67	4.5" 11.6ppf N-80 LTC	39.70	5438.46	2774.54	
68	4.5" 11.6ppf N-80 LTC	39.61	5398.85	2814.15	
69	4.5" 11.6ppf N-80 LTC	39.58	5359.27	2853.73	
	3.125 FRAC PORT	2.65	5356.62	2856.38	
70	4.5" 11.6ppf N-80 LTC	39.70	5316.92	2896.08	
71	4.5" 11.6ppf N-80 LTC	39.65	5277.27	2935.73	
72	4.5" 11.6ppf N-80 LTC	39.63	5237.64	2975.36	
73	4.5" 11.6ppf N-80 LTC	39.60	5198.04	3014.96	
74	4.5" 11.6ppf N-80 LTC	39.51	5158.53	3054.47	
	PUP	3.00	5155.53	3057.47	
	RSII	5.22	5150.31	3062.69	
	PUP	6.11	5144.20	3068.80	
75	4.5" 11.6ppf N-80 LTC	39.69	5104.51	3108.49	
76	4.5" 11.6ppf N-80 LTC	39.68	5064.83	3148.17	
77	4.5" 11.6ppf N-80 LTC	39.65	5025.18	3187.82	
78	4.5" 11.6ppf N-80 LTC	39.60	4985.58	3227.42	
79	4.5" 11.6ppf N-80 LTC	39.45	4946.13	3266.87	
	3.250 FRAC PORT	2.65	4943.48	3269.52	
80	4.5" 11.6ppf N-80 LTC	39.64	4903.84	3309.16	
81	4.5" 11.6ppf N-80 LTC	39.63	4864.21	3348.79	
82	4.5" 11.6ppf N-80 LTC	39.65	4824.56	3388.44	
83	4.5" 11.6ppf N-80 LTC	39.60	4784.96	3428.04	
84	4.5" 11.6ppf N-80 LTC	39.65	4745.31	3467.69	
	PUP	3.07	4742.24	3470.76	
	RSII	5.21	4737.03	3475.97	
	PUP	6.08	4730.95	3482.05	
85	4.5" 11.6ppf N-80 LTC	39.65	4691.30	3521.70	

PACKERS PLUS - PACKER PLACEMENT

86	4.5" 11.6ppf N-80 LTC	39.54	4651.76	3561.24	
87	4.5" 11.6ppf N-80 LTC	36.49	4615.27	3597.73	
88	4.5" 11.6ppf N-80 LTC	39.61	4575.66	3637.34	
89	4.5" 11.6ppf N-80 LTC	39.72	4535.94	3677.06	
	3.375 FRAC PORT	2.65	4533.29	3679.71	
90	4.5" 11.6ppf N-80 LTC	39.30	4493.99	3719.01	
91	4.5" 11.6ppf N-80 LTC	39.56	4454.43	3758.57	
92	4.5" 11.6ppf N-80 LTC	39.55	4414.88	3798.12	
93	4.5" 11.6ppf N-80 LTC	39.63	4375.25	3837.75	
94	4.5" 11.6ppf N-80 LTC	39.55	4335.70	3877.30	
	PUP	3.07	4332.63	3880.37	
	RSII	5.23	4327.40	3885.60	
	PUP	6.10	4321.30	3891.70	
95	4.5" 11.6ppf N-80 LTC	39.59	4281.71	3931.29	
96	4.5" 11.6ppf N-80 LTC	39.58	4242.13	3970.87	
97	4.5" 11.6ppf N-80 LTC	39.54	4202.59	4010.41	
98	4.5" 11.6ppf N-80 LTC	39.56	4163.03	4049.97	
99	4.5" 11.6ppf N-80 LTC	39.64	4123.39	4089.61	
100	4.5" 11.6ppf N-80 LTC	39.70	4083.69	4129.31	
101	4.5" 11.6ppf N-80 LTC	39.63	4044.06	4168.94	
102	4.5" 11.6ppf N-80 LTC	39.58	4004.48	4208.52	
103	4.5" 11.6ppf N-80 LTC	39.66	3964.82	4248.18	
104	4.5" 11.6ppf N-80 LTC	39.54	3925.28	4287.72	
105	4.5" 11.6ppf N-80 LTC	39.68	3885.60	4327.40	
106	4.5" 11.6ppf N-80 LTC	39.60	3846.00	4367.00	
107	4.5" 11.6ppf N-80 LTC	39.55	3806.45	4406.55	
108	4.5" 11.6ppf N-80 LTC	39.63	3766.82	4446.18	
109	4.5" 11.6ppf N-80 LTC	39.70	3727.12	4485.88	
110	4.5" 11.6ppf N-80 LTC	39.56	3687.56	4525.44	
111	4.5" 11.6ppf N-80 LTC	39.55	3648.01	4564.99	
112	4.5" 11.6ppf N-80 LTC	39.52	3608.49	4604.51	
113	4.5" 11.6ppf N-80 LTC	36.50	3571.99	4641.01	
114	4.5" 11.6ppf N-80 LTC	39.63	3532.36	4680.64	
115	4.5" 11.6ppf N-80 LTC	39.62	3492.74	4720.26	
	PUP	3.01	3489.73	4723.27	
	BOTTOM	1.02	3488.71	4724.29	
	SF LINER HANGER	2.51	3486.20	4726.80	
	LOWER SETTING SLEEVE	2.83	3483.37	4729.63	
	UPPER SETTING SLEEVE	1.64	3481.73	4731.27	
	HYD SETTING TOOL	2.84	3478.89	4734.11	
	TOP CONNECTION	1.03	3477.86	4735.14	
	HANDLING SUB	4.99	3472.87	4740.13	
1	3.5"' 13.3ppf IF DP	63.26	3409.61	4803.39	
2	3.5"' 13.3ppf IF DP	63.17	3346.44	4866.56	
3	3.5"' 13.3ppf IF DP	63.05	3283.39	4929.61	
4	3.5"' 13.3ppf IF DP	63.53	3219.86	4993.14	
5	3.5"' 13.3ppf IF DP	63.60	3156.26	5056.74	
6	3.5"' 13.3ppf IF DP	63.04	3093.22	5119.78	

PACKERS PLUS - PACKER PLACEMENT

7	3.5"' 13.3ppf IF DP	63.02	3030.20	5182.80	
8	3.5"' 13.3ppf IF DP	62.81	2967.39	5245.61	
9	3.5"' 13.3ppf IF DP	62.25	2905.14	5307.86	
10	3.5"' 13.3ppf IF DP	63.18	2841.96	5371.04	
11	3.5"HW DP	63.40	2778.56	5434.44	
12	3.5"HW DP	62.91	2715.65	5497.35	
13	3.5"HW DP	63.26	2652.39	5560.61	
14	3.5"HW DP	62.93	2589.46	5623.54	
15	3.5"HW DP	63.55	2525.91	5687.09	
16	3.5"HW DP	63.38	2462.53	5750.47	
17	3.5"HW DP	63.06	2399.47	5813.53	
18	3.5"HW DP	63.22	2336.25	5876.75	
19	3.5"HW DP	63.61	2272.64	5940.36	
20	3.5"HW DP	63.12	2209.52	6003.48	
21	3.5"' 13.3ppf IF DP	63.01	2146.51	6066.49	
22	3.5"' 13.3ppf IF DP	63.15	2083.36	6129.64	
23	3.5"' 13.3ppf IF DP	63.00	2020.36	6192.64	
24	3.5"' 13.3ppf IF DP	62.86	1957.50	6255.50	
25	3.5"' 13.3ppf IF DP	63.24	1894.26	6318.74	
26	3.5"' 13.3ppf IF DP	63.36	1830.90	6382.10	
27	3.5"' 13.3ppf IF DP	62.66	1768.24	6444.76	
28	3.5"' 13.3ppf IF DP	62.64	1705.60	6507.40	
29	3.5"' 13.3ppf IF DP	63.61	1641.99	6571.01	
30	3.5"' 13.3ppf IF DP	63.42	1578.57	6634.43	
31	3.5"' 13.3ppf IF DP	62.99	1515.58	6697.42	
32	3.5"' 13.3ppf IF DP	62.87	1452.71	6760.29	
33	3.5"' 13.3ppf IF DP	63.34	1389.37	6823.63	
34	3.5"' 13.3ppf IF DP	62.85	1326.52	6886.48	
35	3.5"' 13.3ppf IF DP	63.01	1263.51	6949.49	
36	3.5"' 13.3ppf IF DP	63.03	1200.48	7012.52	
37	3.5"' 13.3ppf IF DP	63.24	1137.24	7075.76	
38	3.5"' 13.3ppf IF DP	63.30	1073.94	7139.06	
39	3.5"' 13.3ppf IF DP	63.50	1010.44	7202.56	
40	3.5"' 13.3ppf IF DP	63.02	947.42	7265.58	
41	3.5"' 13.3ppf IF DP	63.15	884.27	7328.73	
42	3.5"' 13.3ppf IF DP	63.00	821.27	7391.73	
43	3.5"' 13.3ppf IF DP	63.28	757.99	7455.01	
44	3.5"' 13.3ppf IF DP	63.61	694.38	7518.62	
45	3.5"' 13.3ppf IF DP	63.48	630.90	7582.10	
46	3.5"' 13.3ppf IF DP	61.03	569.87	7643.13	
47	3.5"' 13.3ppf IF DP	61.28	508.59	7704.41	
48	3.5"' 13.3ppf IF DP	61.60	446.99	7766.01	
49	3.5"' 13.3ppf IF DP	60.96	386.03	7826.97	
50	3.5"' 13.3ppf IF DP	64.37	321.66	7891.34	
51	3.5"' 13.3ppf IF DP	60.28	261.38	7951.62	
52	3.5"' 13.3ppf IF DP	61.55	199.83	8013.17	
53	3.5"' 13.3ppf IF DP	61.57	138.26	8074.74	
54	3.5"' 13.3ppf IF DP	61.48	76.78	8136.22	

PACKERS PLUS - PACKER PLACEMENT

55	**3.5'" 13.3ppf IF DP**	60.05	16.73	8196.27	
			16.73	8196.27	
			16.73	8196.27	
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			16.73	8196.27	
			16.73	8196.27	

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 316054	**Ship To #:** 2862858	**Quote #:**	**Sales Order #:** 8285190
Customer: CMX INC		**Customer Rep:**	
Well Name: Grinch	**Well #:** 1-8H		**API/UWI #:**
Field:	**City (SAP):** HARDTNER	**County/Parish:** Barber	**State:** Kansas
Legal Description: Section 19 Township 29N Range 14W			
Contractor: DanD	**Rig/Platform Name/Num:** 5		
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well	**Job Type:** Cement Intermediate Casing		
Sales Person: CRAWFORD, ROBERT	**Srvc Supervisor:** WALTON, SCOTTY	**MBU ID Emp #:** 478229	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
HILL, RICKEY Lester	5	457261	TURNER, DANIEL J	5	461812	WALTON, SCOTTY Dwayne	5	478229

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10633405	85 mile	10951586	85 mile				

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
6-29-11	5	1.5						
TOTAL				*Total is the sum of each column separately*				

Job

Formation Name			
Formation Depth (MD)	**Top**	**Bottom**	
Form Type		**BHST**	
Job depth MD	5185. ft	**Job Depth TVD**	4950. ft
Water Depth		**Wk Ht Above Floor**	4. ft
Perforation Depth (MD)	**From**	**To**	

Job Times

	Date	Time	Time Zone
Called Out	29 - Jun - 2011	14:00	CST
On Location	29 - Jun - 2011	16:00	CST
Job Started	29 - Jun - 2011	19:00	CST
Job Completed	29 - Jun - 2011	20:00	CST
Departed Loc	29 - Jun - 2011	21:20	CST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Intermediate Casing Open Hole				8.75				1000.	5150.	1000.	4950.
Intermediate Casing	Unknown		7.	6.366	23.		N-80	.	5150.	.	4950.
Surface Casing	Unknown		9.625	8.921	36.			.	1000.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
SHOE,FLT,7 8RD,P-110/Q-125,2-3/4	1	EA		
CLR,FLOAT,7 LG 8RD,23-29PPF,P/Q,4-1/4	1	EA		
CTRZR ASSY,TURBO,API,7 CSG X 8 3/4 H	8	EA		
CTRZR ASSY,API,7 CSG X 8 3/4HOLE,HNGD	8	EA		
BASKET - CEMENT - 7 CSG X 8-1/2 -	1	EA		
KIT,HALL WELD-A	1	EA		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

HALLIBURTON

Cementing Job Summary

Miscellaneous Materials													
Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		Conc	%
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty	

Fluid Data

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	50/50 POZ STANDARD SCAVENGER	ECONOCEM (TM) SYSTEM (452992)	25.0	sacks	12.7	2.02	10.33		10.33
	10 %	CAL-SEAL 60, BULK (100064022)							
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	5 lbm	KOL-SEAL, BULK (100064233)							
	10.33 Gal	FRESH WATER							
2	50/50 POZ STANDARD	ECONOCEM (TM) SYSTEM (452992)	145.0	sacks	14.15	1.52	6.57		6.57
	10 %	CAL-SEAL 60, BULK (100064022)							
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	5 lbm	KOL-SEAL, BULK (100064233)							
	6.57 Gal	FRESH WATER							
3	Drilling Mud			bbl	9.2	.0	.0	.0	

Calculated Values		Pressures		Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	

Rates

Circulating		Mixing		Displacement		Avg. Job	

Cement Left In Pipe	Amount	40 ft	Reason	Shoe Joint

Frac Ring # 1 @		ID		Frac ring # 2 @		ID		Frac Ring # 3 @		ID		Frac Ring # 4 @		ID	

The Information Stated Herein Is Correct	Customer Representative Signature

HALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 316054	**Ship To #:** 2862858	**Quote #:**	**Sales Order #:** 8285190
Customer: CMX INC		**Customer Rep:**	
Well Name: Grinch	**Well #:** 1-8H		**API/UWI #:**
Field:	**City (SAP):** HARDTNER	**County/Parish:** Barber	**State:** Kansas
Legal Description: Section 19 Township 29N Range 14W			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		**Long:** E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: DanD	**Rig/Platform Name/Num:** 5		
Job Purpose: Cement Intermediate Casing			**Ticket Amount:**
Well Type: Development Well	**Job Type:** Cement Intermediate Casing		
Sales Person: CRAWFORD, ROBERT	**Srvc Supervisor:** WALTON, SCOTTY		**MBU ID Emp #:** 478229

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl Stage	Volume bbl Total	Pressure psig Tubing	Pressure psig Casing	Comments
Call Out	06/29/2011 14:00							
Pre-Convoy Safety Meeting	06/29/2011 14:05							Walton, Turner, Hill
Depart from Service Center or Other Site	06/29/2011 14:10							
Arrive at Location from Service Center	06/29/2011 16:00							Go over job procedures,calculations and max Pressure
Assessment Of Location Safety Meeting	06/29/2011 16:05							All Halliburton Hands Present
Pre-Rig Up Safety Meeting	06/29/2011 16:15							All Halliburton hands Present
Rig-Up Equipment	06/29/2011 16:30							
Other	06/29/2011 16:50							Running casing
Pre-Job Safety Meeting	06/29/2011 18:45							All Halliburton/Rig Crew and Co.Man Present
Pressure Test	06/29/2011 19:00							PSI Test to 5000 PSI
Pump Spacer	06/29/2011 19:02		5		10		600.0	Fresh Water
Pump Lead Cement	06/29/2011 19:10		5		9		500.0	25 sks of 50/50 POZ Scavenger @ 12.7ppg
Pump Tail Cement	06/29/2011 19:13		5		40		450.0	145 sks of 50/50 POZ Standard @ 14.15ppg
Drop Top Plug	06/29/2011 19:25							Plug left head
Pump Displacement	06/29/2011 19:27		6		202		1200.0	Fresh Water
Bump Plug	06/29/2011 20:00						1800.0	plug landed pressured up 500 over
Check Floats	06/29/2011 20:05							floats held

HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Post-Job Safety Meeting (Pre Rig-Down)	06/29/2011 20:10							All Halliburton Hands Present
Rig-Down Equipment	06/29/2011 20:15							
Depart Location Safety Meeting	06/29/2011 21:15							All Halliburton Hands Present
Depart Location for Service Center or Other Site	06/29/2011 21:20							

CMX

DATE:	Wednesday 6-22-2011	HANGER DEPTH:	
WELL NAME:	Grinch # 1-8H	MUD WT (PPG):	9.2
AREA:	Hardner	BUOY/FACT:	0.8595
Pipe O.D.(in.):	9 5/8	HOLE SIZE:	12.250
Pipe GRADE:	J-55	BLOCK WT:	18
Pipe WT (#/FT):	34.89	LNDG STRING WT (#):	
Optimum Torque:		CASING ID	

RIH#	Jt. Num.	Jt. Length	Acc. Length	Length w/Kelly Inc.	Cent., Comments, or Tools	After Tubular LANDED	Air Weight (lbs)	Boyed Hook Wt. (lbs)	Pipe Disp. (BBLS)
			0.00				705		
			0.00	0.00					0.0
			[illegible]	[illegible]	[illegible]	[illegible]			[illegible]
	1	42.24	43.24	43.24	float collar	-43.24			0.5
			[illegible]	[illegible]		[illegible]			[illegible]
	3	42.16	127.57	127.57		-127.57			1.6
			[illegible]	[illegible]		[illegible]			[illegible]
	5	42.28	212.05	212.05		-212.05			2.7
			[illegible]	[illegible]		[illegible]			[illegible]
	7	42.18	296.45	296.45		-296.45			3.8
			[illegible]	[illegible]		[illegible]			[illegible]
	9	42.25	380.88	380.88		-380.88			4.8
			[illegible]	[illegible]		[illegible]			[illegible]
	11	42.27	465.32	465.32		-465.32			5.9
			[illegible]	[illegible]		[illegible]			[illegible]
	13	42.17	549.64	549.64		-549.64			7.0
			[illegible]	[illegible]		[illegible]			[illegible]
	15	42.27	634.20	634.20		-634.20			8.1
			[illegible]	[illegible]		[illegible]			[illegible]
	17	42.17	718.57	718.57					
			[illegible]	[illegible]		[illegible]			[illegible]
	19	42.28	803.10	803.10					
			[illegible]	[illegible]		[illegible]			[illegible]
	21	42.27	887.64	887.64					
			[illegible]	[illegible]		[illegible]			[illegible]
	23	41.95	971.82	971.82					
			[illegible]	[illegible]		[illegible]			[illegible]
	25	42.17	1056.22	1056.22					
			[illegible]	[illegible]		[illegible]			[illegible]
	27		1056.22	1056.22					
			[illegible]	[illegible]		[illegible]			[illegible]
	29		1056.22	1056.22					
			[illegible]	[illegible]		[illegible]			[illegible]
	31		1056.22	1056.22					
			[illegible]	[illegible]		[illegible]			[illegible]
	33		1056.22	1056.22					
			[illegible]	[illegible]		[illegible]			[illegible]
	35		1056.22	1056.22					
			[illegible]	[illegible]		[illegible]			[illegible]
	37		1056.22	1056.22					
			[illegible]	[illegible]		[illegible]			[illegible]
	39		1056.22	1056.22					
			[illegible]	[illegible]		[illegible]			[illegible]
	41		1056.22	1056.22					

CASING AND CEMENTING REPORT

DISTRICT East Hardner LEASE Grinch # 1-8H DATE 6/23/2011

DATUM KB 15 FT. A.G.L. LAST CASING: SIZE 20" SET AT: 40 THIS CASING SIZE: 9 5/8 SET AT: 1,044

TD DRILLER: 1060 TD LOGGE na HOLE SIZE 12 1/4

CASING ON HAND : NUMBER OF JTS 25 MEASURED OVERALL: 1,063.40 MEASURED LESS THDS: 1055.22

LOG OF CASING STRING , EACH ITEM BEING LISTED IN SAME ORDER AS RUN INTO WELL

PIECES	DESCRIPTION	WT/FT	GRADE	THREADS	COND'N	MADE UP LENGTH
1	Guide shoe	36	J-55	8r	new	1.00
1	JT. 9 5/8"	36	J-55	8r	new	43.24
1	Float insert	36	J-55	8r	new	43.24
24	jt. 9 5/8"	36	J-55	8r	new	1012.98
	PBTD - Float Insert at 5,518.44 KB					

TOP OF CASING STRING ABOVE KB: 12.00 FEET TOTAL: 1056.22

CASING LEFT OUT OF STRING: NUMBER OF FULL JOINT 0 AMOUNT OVERALL 0 AMOUNT LESS THREADS 0

CENTRALIZERS : NO. 7 MAKE Allied PLACED 3-5-7-9-&15 bsk

ITEMS THREAD LOCKED OR WELDEI guide shoe----1st joint cassing---float collar & btm of #2 jt.

CASING STRING WAS FILLED OR CIRCULATED ON JOINTS 2-6-12-25

CASING MAKEUP TORQUE :

STRING WT ON BOTTOM: 43 WT WHEN BUMPED PLUG: 45 WT. SET ON CASING SLIPS 0

BEFORE CEMENTING : MUD WT : 9 VIS 34 LCM 2-Jan FLARE or BG no

CEMENTING COMPANY: Allied 1 # OF PUMP TRUCKS: 1

SPACERS PUMPED AHEAD OF CMT: 5BBl.

SLURRY PUI Leed 225 sks. Lite weight class A+ 6% gel+3% cc 1/4 floseal Tail 150sks class A + 2% gel + 3% cc

CEMENT VOLUME WAS CALCULATED FOR TOC AT: 5562 KB & 5593.91 cassing total

AVG RATE MIXING CMT: 6 BPM. AVG RATE ON DISPLACEMENT : 5BPM. BUMP PLUG? yes

RATE & PRESSURE JUST PRIOR TO BUMPING PLUG: 2.5 BPM @ 450 PSI. BUMP PLUG AT PSI : 950 PSI

DID FLOAT HOLD? yes CALCULATED DISPLACEMENT (BBLS) 80.8 BBLS DISP. PUMPED: 80.5 DISPLACED WITH: water

FULL CIRC. DURING CEMENT JOB ? yes BBLS CMT CIRC TO PIT : 15

MIX WATER SOURCE : city

JOB COMMENTS AND / OR PROBLEM good

Report By: Raymond tarron

CASING AND CEMENTING REPORT

DISTRICT East Hardner LEASE Grinch # 1-8H DATE 6/29/2011

DATUM KB 15 FT. A.G.L. LAST CASING: SIZE 9 5/8 SET AT: 1044 THIS CASING SIZE: 7" SET AT: 5,183

TD DRILLER: 1060 TD LOGGE na HOLE SIZE 12 1/4

CASING ON HAND : NUMBER OF JTS 138 MEASURED OVERALL: 5,464.38 MEASURED LESS THDS: 5410.73

LOG OF CASING STRING , EACH ITEM BEING LISTED IN SAME ORDER AS RUN INTO WELL

PIECES	DESCRIPTION	WT/FT	GRADE	THREADS	COND'N	MADE UP LENGTH
1	Guide shoe	26	P-110	8r	new	1.25
1	JT. 7"	26	P-110	8r	new	39.28
1	Float insert	26	P-110	8r	new	2.60
131	JT. 7"	26	P-110	8r	new	5141.21
	PBTD - Float Insert at 5,140.00 KB					

TOP OF CASING STRING ABOVE KB: 12.00 FEET TOTAL: 5183.79

CASING LEFT OUT OF STRING: NUMBER OF FULL JOINT 6 AMOUNT OVERALL 5415 AMOUNT LESS THREADS 5183.79

CENTRALIZERS : NO. 16 MAKE Haliburton PLACED 2,5,7,11,15,17,19,22,25,29,33,36,39 Bsk,42,46,53

ITEMS THREAD LOCKED OR WELDEI guide shoe----1st joint cassing---float collar & btm of #2 jt.

CASING STRING WAS FILLED OR CIRCULATED ON JOINTS 2,15,30,50,90,107 Fill and Cir, 132

CASING MAKEUP TORQUE :

STRING WT ON BOTTOM: 125 WT WHEN BUMPED PLUG: 125 WT. SET ON CASING SLIPS 108

BEFORE CEMENTING : MUD WT : 9 VIS 34 LCM FLARE or BG no

CEMENTING COMPANY: Haliburton 1 # OF PUMP TRUCKS: 1

SPACERS PUMPED AHEAD OF CMT: 5BBl.

SLURRY PUI Leed 25sks 50/50 POZ Standard 12.7ppg, 145sks 50/50 POZ Standard 14.15ppg

CEMENT VOLUME WAS CALCULATED FOR TOC AT: 5183

AVG RATE MIXING CMT: 5 BPM. AVG RATE ON DISPLACEMENT : 6 BPM. BUMP PLUG? yes

RATE & PRESSURE JUST PRIOR TO BUMPING PLUG: 6 BPM @ 1200 PSI. BUMP PLUG AT PSI : 1800 PSI

DID FLOAT HOLD? yes CALCULATED DISPLACEMENT (BBLS) 202 BBLS DISP. PUMPED: 202 DISPLACED WITH: water

FULL CIRC. DURING CEMENT JOB ? yes BBLS CMT CIRC TO PIT : 0

MIX WATER SOURCE : city

JOB COMMENTS AND / OR PROBLEM good

Report By: Jimmy Wilson Jr

THE STATE CORPORATION COMMISSION
OF THE STATE OF KANSAS

Before Commissioners: Mark Sievers, Chairman
Thomas E. Wright

In the matter of the application of CMX, Inc., for an exception to the requirements of K.A.R. 82-3-107 for its Grinch 1-8H well located in Section 8, Township 35 South, Range 11 West, Barber County, Kansas.	)))))	Docket No. 12-CONS-279-CHOR CONSERVATION DIVISION License No. 3532

ORDER GRANTING APPLICATION IN PART
AND ASSESSING MONETARY PENALTY

1. Now, the above matter comes before the State Corporation Commission of the State of Kansas ("Commission" or "KCC") on the application of CMX, Inc. ("CMX" or "Applicant"). The Commission, being fully advised in the premises, and giving due consideration to the statutes of Kansas and the regulations of this Commission, finds and concludes as follows:

2. Applicant filed an application on June 1, 2012, seeking an Order granting an exception to the requirements of K.A.R. 82-3-107 for its Grinch #1-8H well located in Section 8, Township 35 South, Range 11 West, Barber County, Kansas (the "subject well").

3. The application states that the Grinch #1-8H well was spud on or about June 20, 2011, and completed on October 6, 2011.

4. Notice of the application was timely and properly published in *The Wichita Eagle* and *The Gyp Hill Premiere* newspapers stating that the application would be granted by the Commission if no protests were received within 15 days. No protests were filed.

5. Pursuant to K.S.A. 55-164, the Commission may assess monetary penalties to operators or contractors who are in violation of Chapter 55 of the Kansas Statutes Annotated, or

any rule, regulation, or order of the Commission. The maximum monetary penalty is $10,000, and each day of a continuing violation constitutes a separate violation.

6. K.A.R. 82-3-107(a) provides that each operator drilling or recompleting holes for exploration or production of oil or gas, excluding seismic shot holes, shall preserve and retain samples or drill cuttings, cores, and all other information as required under subsection (d).

7. K.A.R. 82-3-107(d)(1) provides that the following information shall be delivered to the conservation division within 120 days after the well is spudded or recompletion is commenced: a copy of the affidavit of completion; core analyses; final drill stem data elements; recorded drill stem fluid recoveries and charts; final electric logs; final radioactivity logs; similar wireline logs or surveys run by operators on boreholes; final logs run to obtain geo-physical data; and geological well reports.

8. K.A.R. 82-3-107(d)(2) provides that for good cause shown, a 60-day extension may be provided by the supervisor of the production department. The request for an extension shall be submitted in writing before the expiration of the 120-day period.

9. K.A.R. 82-3-107(d)(4) provides that the failure to deliver the information listed in K.A.R. 82-3-107(d)(1) shall be punishable by a $500 monetary penalty and an operator license review.

10. K.A.R. 82-3-107(e)(1) provides that if a written request for confidentiality is made to the conservation division within 120 days of the spud date or the date of commencement of recompletion of the well, the information shall be held confidential for an initial period of one year from the written request.

11. K.A.R. 82-3-107(e)(2) provides that all rights to confidentiality shall be lost if the required information or the request is not timely filed.

12. K.A.R. 82-3-107(e)(4) provides that confidentiality may be extended by one additional year if a request is made at least 30 days before the expiration of the initial year.

13. K.A.R. 82-3-130(a) provides that within 120 days of the spud date or commencement of recompletion of a well, the operator shall file an original and two copies of an affidavit of completion with the Conservation Division, except as provided by K.A.R. 82-3-130(b).

14. K.A.R. 82-3-130(b) states that the time for filing the affidavit of completion shall be extended if the time requirement for cementing additional casing, pursuant to K.A.R. 82-3-106(c)(2)(B), is greater than 120 days.

15. K.A.R. 82-3-106(c)(2)(B) incorporates by reference the Commission's August 1, 1991 Order in Docket No. 34,780-C (C-1825), which creates surface pipe requirements for Kansas oil and gas wells. The Order does not provide additional time to cement additional casing for wells drilled in Barber County. Therefore, the 120-day period in K.A.R. 82-3-130(a) is controlling with regard to the filing of the affidavit of completion.

16. K.A.R. 82-3-130(c) provides that the failure to timely file an affidavit of completion shall be punishable by a $500 monetary penalty.

17. The application states that the affidavits of completion and confidentiality requests were not timely submitted. Applicant further states that due to drilling and completion schedules, it was not possible to comply with the 120-day requirement in the regulations.

18. The application essentially contains three requests: 1) an exception to the preclusion of confidentiality under K.A.R. 82-3-107(e)(2); 2) confidentiality for three years, instead of the standard two years under K.A.R. 82-3-107(e)(1) and K.A.R. 82-3-107(e)(4); and 3) that the Commission should not issue a penalty for the late submissions.

19. Staff has informed Applicant that there is a process in place to address confidentiality for wells that are completed long after they are spud. Staff informed Applicant that partially filled out forms and requests for confidentiality must be submitted before the regulatory deadline to preserve confidentiality and avoid a penalty. Complete forms must then be filed after the well has been completed.

20. Staff informed Applicant that Staff would recommend that the Commission grant confidentiality for two years from the spud date; deny the third year of confidentiality; assess a monetary penalty of $500 for one violation of K.A.R. 82-3-130(c); and require Applicant to submit the forms within 30 days. Applicant indicated they are not opposed to this resolution.

21. The Commission finds that the application should be granted in part and denied in part, and a penalty issued, as described in Paragraph 20 of this Order.

THEREFORE, THE COMMISSION ORDERS THAT:

A. The Application for an exception to K.A.R. 82-3-107 is granted, and the completion information described in K.A.R. 82-3-107 and K.A.R. 82-3-130 for the subject well shall be held confidential for two years from the spud date of the well.

B. The request for a third year of confidentiality is denied.

C. CMX shall pay a $500 monetary penalty for one violation of K.A.R. 82-3-130 payable within 30 days.

D. CMX shall submit the forms and information required by K.A.R. 82-3-107 and K.A.R. 82-3-130 within 30 days.

E. Any party affected by this Order may file with the Commission a petition for reconsideration pursuant to K.S.A. 77-529(a). Such petition shall be filed within 15 days after service of this Order, with three days added to account for service of this Order by mail, and the

petition shall state the specific grounds upon which relief is requested. This petition for reconsideration shall be filed with the Executive Director of the Conservation Division, Finney State Office Building, 130 S. Market, Room 2078, Wichita, Kansas 67202-3802.

F. The Commission retains jurisdiction of the subject matter and the parties and may enter additional orders as it deems appropriate.

BY THE COMMISSION IT IS SO ORDERED.

Sievers, Chmn.; Wright, Com.

Date: JUL 16 2012

Patrice Petersen-Klein
Executive Director

Date Mailed: 07-16-2012

LRP

I CERTIFY THE ORIGINAL
COPY IS ON FILE WITH
The State Corporation Commission
JUL 16 2012

KANSAS CORPORATION COMMISSION

Conservation Division
130 South Market, Suite 2078
Wichita, Kansas 67202-3802
316-337-6200
Fax: 316-337-6211
FEIN: 48-1124839

INVOICE

Invoice Date: July 16, 2012
Invoice Number 2013050018
Accounting Code: 535
License Number: 3532
Due Date: August 18, 2012

CMX, Inc.
1700 N WATERFRONT PKWY BLDG 300B
WICHITA, KS 67206

Docket Number: 12-CONS-279-CHOR **Attorney:** Palmateer **Date Order Mailed:** July 16, 2012

Violation	Violation Description	Cnt	Lease Id	Amount
AP-17 82-3-130	Failure to file affidavit of well completion (Form ACO-1).	1	Grinch 1-8H 8-35S-11W	500.00
			Total Fines Imposed:	**$ 500.00**
			Invoice Total:	**$ 500.00**

Please Return One Copy of Invoice with Your Payment in Order to Insure Correct Credit to Your Account.

CERTIFICATE OF SERVICE

I certify that on 07-16-2012, I caused a complete and accurate copy of this Order to be served via United States mail, with the postage prepaid and properly addressed to the following:

Jeff Kennedy
Martin, Pringle, Oliver, Wallace & Bauer, LLP
100 North Broadway, Suite 500
Wichita, Kansas 67202
Attorneys for the Applicant

CMX, Inc.
1700 Waterfront Parkway
Building 300, Suite B
Wichita, Kansas 67206

And delivered by hand to:

Doug Louis, Director
Conservation Division Central Office

Steve Bond, Production Department
Conservation Division Central Office

/s/ Lane R. Palmateer
Lane R. Palmateer
Litigation Counsel
Kansas Corporation Commission

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802

Kansas
Corporation Commission

Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

July 17, 2012

Leah A. Kasten
CMX, Inc.
1700 N WATERFRONT PKWY Bldg 300B
WICHITA, KS 67206

Re: ACO1
API 15-007-23722-01-00
Grinch 1-8H
NW/4 Sec.08-35S-11W
Barber County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Leah A. Kasten

Drilled Plat Map

Grinch #1-8H

Sec.8-35S-11W

200' FNL & 765' FSL

0 920 1,840

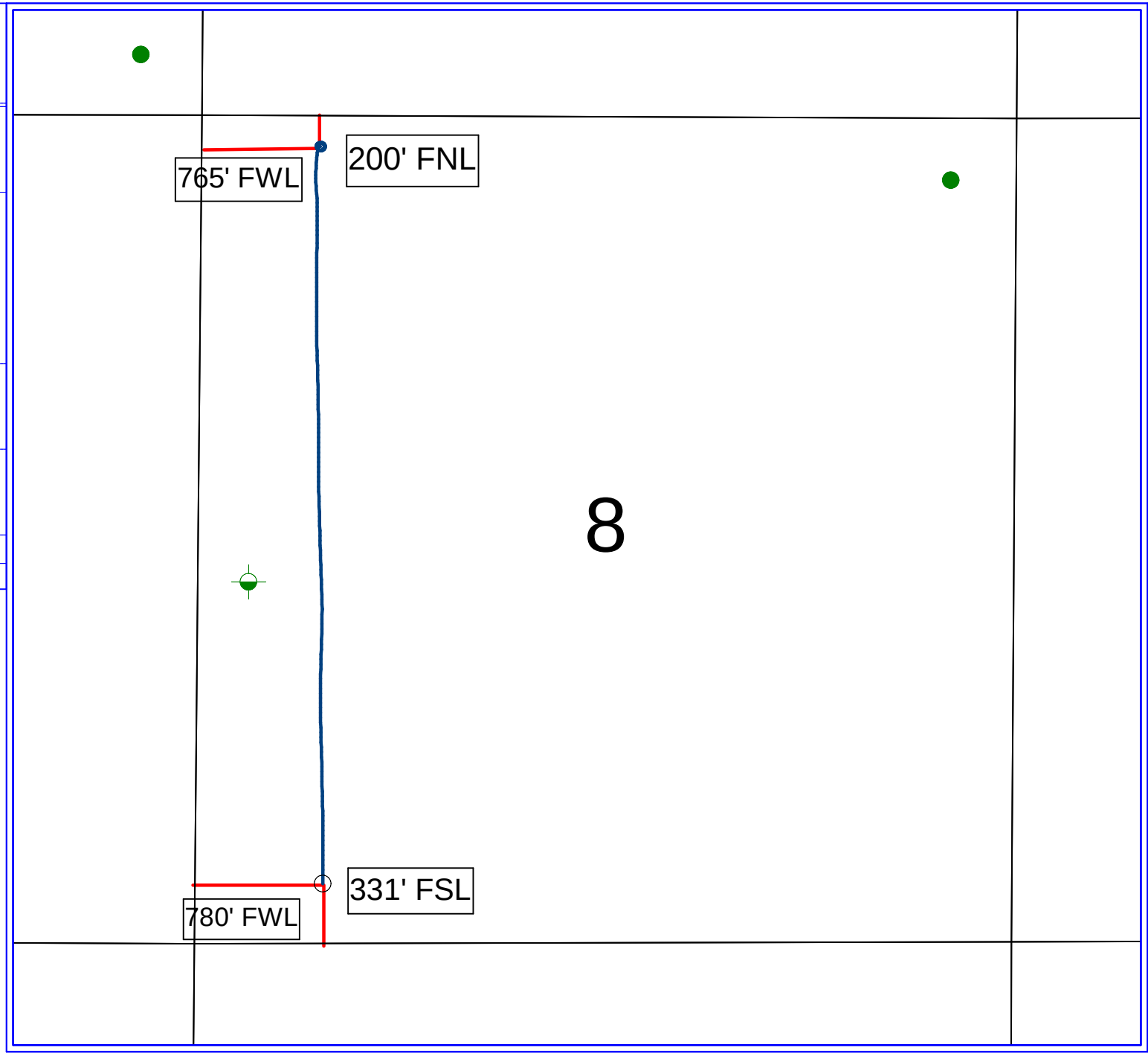
FEET

WELL SYMBOLS

- Location Only
- Oil Well
- Dry Hole, With Show of Oil

By: Douglas H. McGinness II & Leah A. Kasten

July 18, 2012



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