



This Form must be Typed
Form must be Signed
All blanks must be Filled

WELL PLUGGING APPLICATION

Form KSONA-1, Certification of Compliance with the Kansas Surface Owner Notification Act,
MUST be submitted with this form.

OPERATOR: License #: _____
Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____
Contact Person: _____
Phone: (_____) _____

API No. 15 - _____
If pre 1967, supply original completion date: _____
Spot Description: _____
____ - ____ - ____ Sec. ____ Twp. ____ S. R. ____ East West
____ Feet from North / South Line of Section
____ Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: _____
Lease Name: _____ Well #: _____

Check One: Oil Well Gas Well OG D&A Cathodic Water Supply Well Other: _____
 SWD Permit #: _____ ENHR Permit #: _____ Gas Storage Permit #: _____

Conductor Casing Size: _____ Set at: _____ Cemented with: _____ Sacks
Surface Casing Size: _____ Set at: _____ Cemented with: _____ Sacks
Production Casing Size: _____ Set at: _____ Cemented with: _____ Sacks

List (ALL) Perforations and Bridge Plug Sets:

Elevation: _____ (G.L. / K.B.) T.D.: _____ PBTD: _____ Anhydrite Depth: _____
(Stone Corral Formation)

Condition of Well: Good Poor Junk in Hole Casing Leak at: _____
(Interval)

Proposed Method of Plugging (attach a separate page if additional space is needed):

Is Well Log attached to this application? Yes No Is ACO-1 filed? Yes No

If ACO-1 not filed, explain why:

Plugging of this Well will be done in accordance with K.S.A. 55-101 et. seq. and the Rules and Regulations of the State Corporation Commission

Company Representative authorized to supervise plugging operations: _____
Address: _____ City: _____ State: _____ Zip: _____ + _____
Phone: (_____) _____
Plugging Contractor License #: _____ Name: _____
Address 1: _____ Address 2: _____
City: _____ State: _____ Zip: _____ + _____
Phone: (_____) _____

Proposed Date of Plugging (if known): _____

Payment of the Plugging Fee (K.A.R. 82-3-118) will be guaranteed by Operator or Agent

Submitted Electronically

CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application). Any such form submitted without an accompanying Form KSONA-1 will be returned.

Select the corresponding form being filed: C-1 (Intent) CB-1 (Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)

OPERATOR: License # _____
Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____
Contact Person: _____
Phone: (_____) _____ Fax: (_____) _____
Email Address: _____

Well Location:
____ - ____ - ____ - ____ Sec. ____ Twp. ____ S. R. ____ East West
County: _____
Lease Name: _____ Well #: _____

If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:

Surface Owner Information:

Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____

When filing a Form T-1 involving multiple surface owners, attach an additional sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the county, and in the real estate property tax records of the county treasurer.

If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.

Select one of the following:

- I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.
- I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I must provide the name and address of the surface owner by filling out the top section of this form and that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form.

If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.

I Submitted Electronically



Chesapeake Operating, Inc.
Interoffice Memorandum

TO: Jay Stratton

CC: Walter Kennedy, John Hudson, David Lynch and Bud Neff

FROM: Doug Kathol, Sara Everett

DATE: March 3, 2014

RE: Plug and Abandon

MLP ELMO 1-11

SECTION 11-T30S-R35W

GRANT COUNTY, KS

Property Number: 212000

Chesapeake Energy

GW: 46% NRI: 36.8%

Recommendation:

This well was producing approximately 4 MCF and 4 BW per day when it was shut in in November of 2013. The well was drilled in 2000 to a depth of 5,700 feet

Discussion:

**MLP ELMO 1-11
 Plug & Abandon
 MORROW/CHESTER
 VERTICAL
 3/3/2014**

Geologist :	Walter Kennedy
Reservoir Engineer:	John Hudson
Production Engineer :	Doug Kathol
Landman :	David Lynch
Production Sup.:	Bud Neff

WELL DATA:

Lease: MLP ELMO 1-11 **WI:** 0.460000 **NRI:** 0.368000

S-T-R: 11-T30S-R35W **County, St:** GRANT, KS

Location: NE SW NW - 2120 FNL & 710 FWL OF SECTION

AFE #: 803114 **API #:** 1506721464 **Prop. #:** 212000 **IP:** unknown

PBTD: 5,623' **TD:** 5,700' **Spudded:** 8/3/2000

Type: VERTICAL **Elevations** **GL:** 3,035' **KB:** 3,046' **KB-GL:** 11'

Casing and Tubing:

SIZE	WEIGHT	GRADE	TYPE	CEMENT	TOC	SET DEPTH	
						TOP	BTM
8 5/8	24.00#	J-55	Surface Casing	650	11'	11'	1,818'
5 1/2	15.50#	K-55	Production Casing	675	11'	11'	5,700'
2 7/8	6.50#	J-55	Tubing			11'	5,607'

Production Casing and Tubing Data:

SIZE	WEIGHT	GRADE	ID	DRIFT	Bbl/Ft.	Gallons/Ft.	Burst	Collapse	Jnt St
5 1/2	15.50#	K-55	4.9500"	4.8250"	0.0238	1.00030	248	4,040	429
2 7/8	6.50#	J-55	2.4410"	2.3470"	0.00579	0.24310	7,260	7,680	100,000

Well Driving Directions:

W EDGE OF SATANTA, HWY 190 TO RD 200, 4 M. W . TO 2000, 1/4 S., 1/4 E. S. INTO

Perf'd Formations	Depth Range	Stimulation Details
Treatable Water	600'	
Stone Corral	1735'	
MORROW	5380' - 5390'	70 bbls 2% KCl
CHESTER	5586' - 5591'	500 gals of 7.5% NEFe + 35 bbls 2% w/ surfactants

NOTES:

MLP Elmo 1-11

P&A

March 3, 2014

Procedure

1. Obtain plugging permit from KCC office and notify plugging supervisor 24 hrs. before plugging operations begin.
2. MIRU WO unit. ND WH, NU BOP. Kill well if necessary with lease water.
3. POOH laying down downhole equipment. Stand back tbg in derrick.
4. MIRU WL Unit and RIH with 5½" CIBP and set at +/-50' above perms. Dump bail 10' of cement on CIBP. RDMO WL unit.
5. RIH w/ tbg, set EOT @ +/-50' above CIBP and circulate hole with 9#, 36 vis (minimum plugging mud and circulate plugging mud to surface). TOOH w/tbg.
6. Unpack 5 1/2" wellhead and weld on 5 1/2" pull sub. Install csg jacks and work casing to determine free point. If free point is below surface casing depth, cut and pull casing and go to step #7. If above surface casing depth, see NOTE. Cut off csg as deep as possible & lay down csg.
7. RIH w/ tbg to csg stub and spot 100' cmt plug in and out of 5 1/2" csg stub.
8. PUH with tubing. Circulate cement across the 8-5/8" csg shoe and spot 100' cement cmt plug.
9. PUH with tubing. Circulate cement across Base of Treatable Water and spot 100' cmt plug. WOC and POOH.
10. RIH with tubing and tag cement plug.. Respot more cement if necessary.
11. PUH with tbg to 34' and spot 30' cement plug (34' to 4') from surface.
12. RDMO WO unit. Cut off csg 4' below ground level and weld on ID Plate.

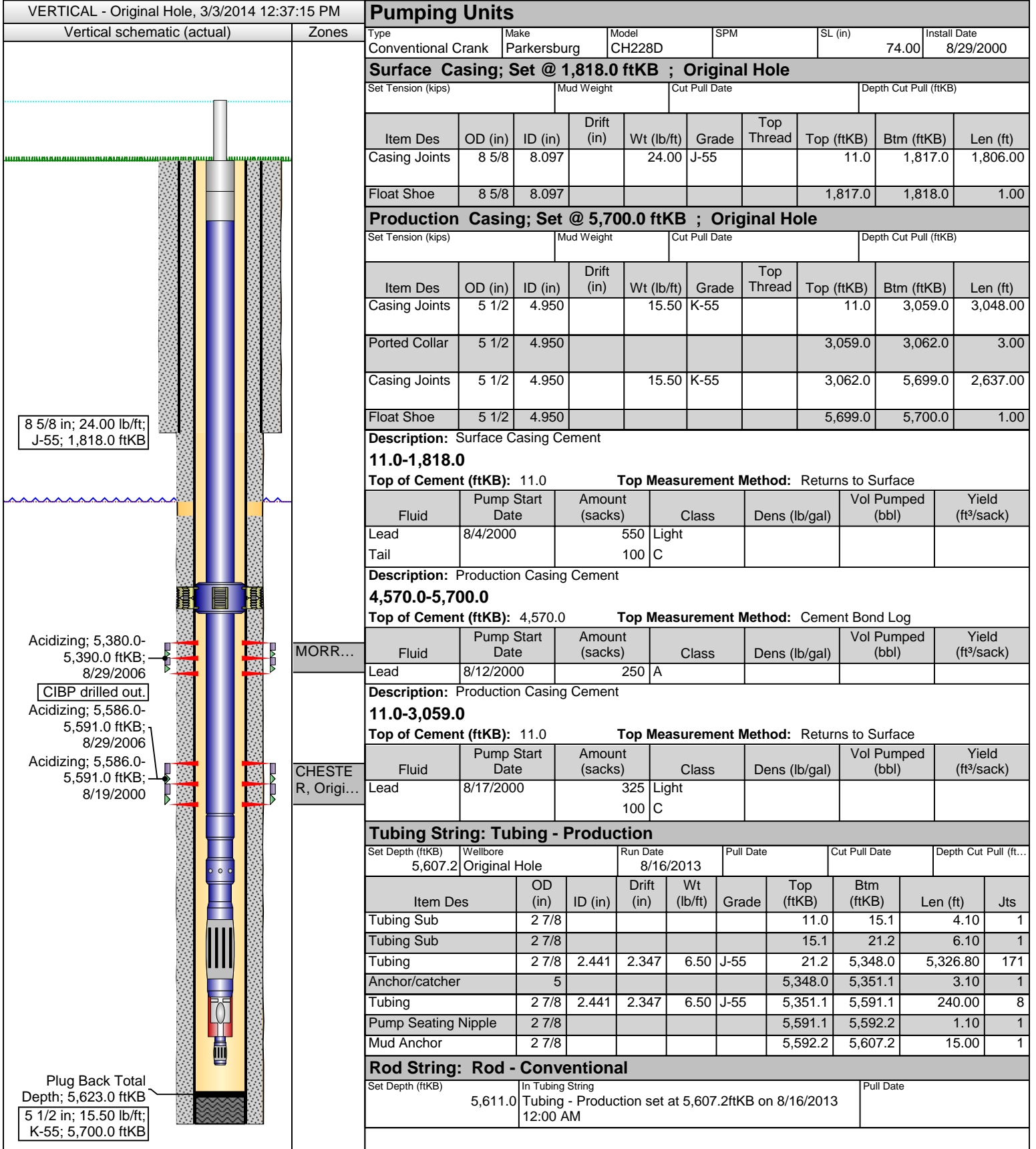
NOTE :

If 5½" casing cannot be cut off below surface casing shoe, the 5 1/2" casing must be perforated at surface casing shoe and block squeezed, raising cement to 50' above the surface csg shoe depth. The cement plug must then be tagged at 50' from shoe or higher. Go to step #9.

Current Wellbore Schematic

WELL (PN): MLP ELMO 1-11 (212000)
FIELD OFFICE: GARDEN CITY
FIELD: MANY CREEKS NW
STATE / COUNTY: KANSAS / GRANT
LOCATION: SEC 11-30S-35W, 2120 FNL & 710 FWL
ROUTE: GAR-KS-ROUTE 07A - MARCOS CHAVEZ
ELEVATION: GL: 3,035.0 KB: 3,046.0 KB Height: 11.0
DEPTHS: TD: 5,700.0

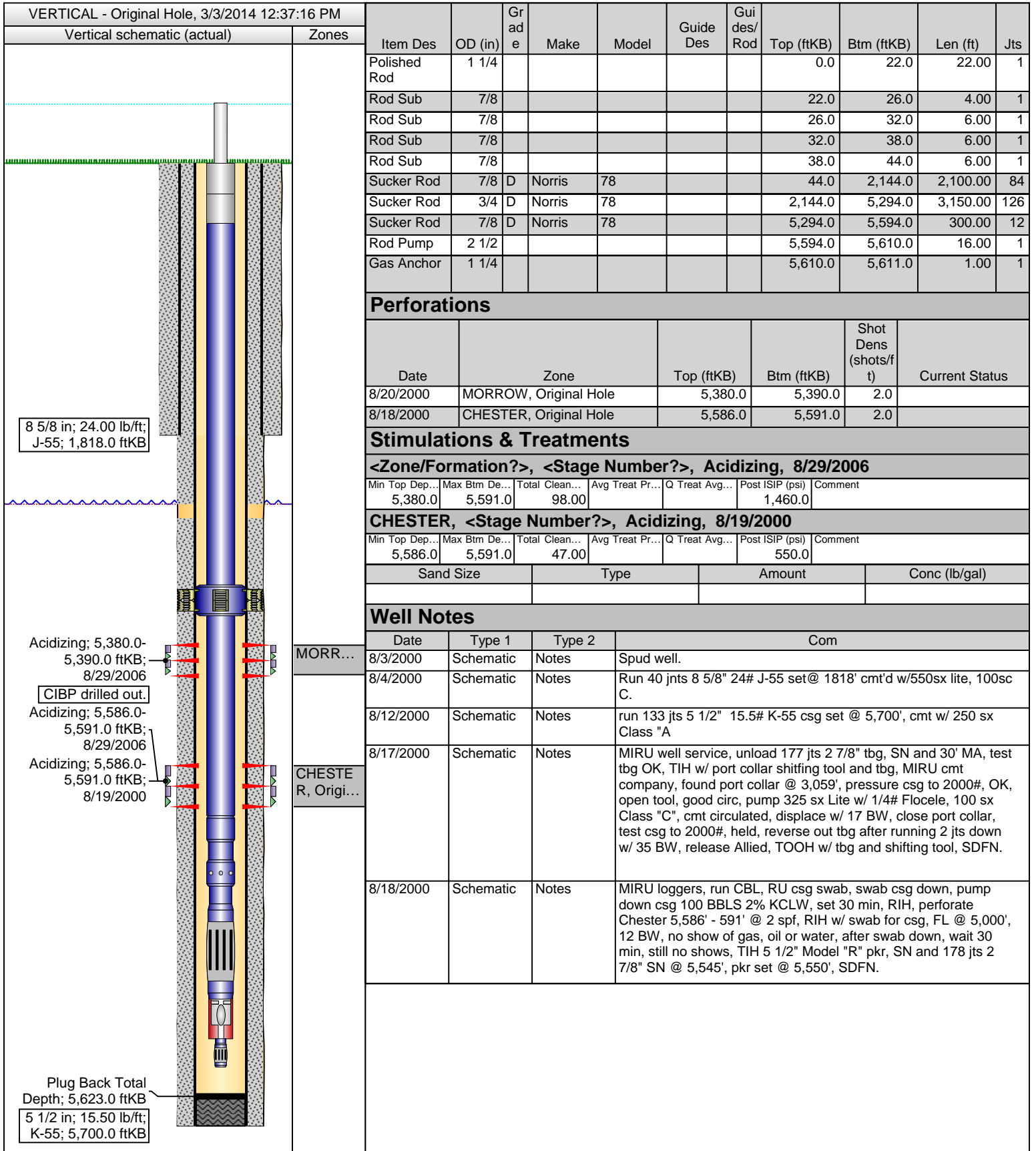
API #: 1506721464
Serial #:
SPUD DATE: 8/3/2000
RIG RELEASE: 8/12/2000
1ST SALES GAS: 8/29/2000
1ST SALES OIL: 8/29/2000
Current Status: SHUTIN



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FIELD OFFICE: GARDEN CITY
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Current Status: SHUTIN

VERTICAL - Original Hole, 3/3/2014 12:37:17 PM		Well Notes			
Vertical schematic (actual)	Zones	Date	Type 1	Type 2	Com
<p style="font-size: small; margin-top: 10px;"> 8 5/8 in; 24.00 lb/ft; J-55; 1,818.0 ftKB </p> <p style="font-size: small; margin-top: 10px;"> Acidizing; 5,380.0-5,390.0 ftKB; 8/29/2006 CIBP drilled out. </p> <p style="font-size: small; margin-top: 10px;"> Acidizing; 5,586.0-5,591.0 ftKB; 8/29/2006 </p> <p style="font-size: small; margin-top: 10px;"> Acidizing; 5,586.0-5,591.0 ftKB; 8/19/2000 </p> <p style="font-size: small; margin-top: 10px;"> Plug Back Total Depth; 5,623.0 ftKB 5 1/2 in; 15.50 lb/ft; K-55; 5,700.0 ftKB </p>		8/19/2000	Schematic	Notes	Pkr set @ 5,550', RIH w/ tbg swab, no fluid in hole, MIRU HES, pmp down tbg 500 GALS 7.5% NE-Fe, follow by 35 BBLS 2% w/ surfactants, hole loaded w/ 35 BBLS, zone broke @ 1480#, increase rate and treat zone 3 BPM @ 860#, ISIP 505#, 5 min 215#, 10 min 71#, release HES, wait 30 min before swabbing, IFL @ 200', rec 26 BBLS, FFL 4,550', 2nd hr swab down, rec 8 BBLS, set 30 min, fluid level @ 5,440' PF 140', set 30 min, FFL @ 5,500', set 1 hr, fluid level @ 5,300' PF 250', rec 1.5 BW, set 1 hr, FFL 5,420' PF 130', rec 1 BBL, set 1 hr, FFL @ 5,500' PF 50', rec .5 BPM w/ light trace of oil, set 1 more hr, FL @ 5,500' PF 50', rec .5 BW w/ trace of oil, SDFN.
		8/20/2000	Schematic	Notes	TP 35#, fluid level 4,800', swab 3 pulls, TOOH w/ tbg and pkr, MIRU HES, RIH w/ WL w/ 5 1/2" CIBP, set @ 5,500', pump 70 BBLS 2% KCLW down csg, set 1 hr, RU, perforate Morrow 5,3890' - 390' @ 2 spf, 180° phasing, light blow on csg while POOH w/ perforating gun, set 5 min, TIH w/ 15' MA, SN, 172 jts 2 7/8" tbg, SN @ 5,360', bottom tbg MA @ 5,375', RU tbg swab, FL @ 1,800', swab 1 hr, 40 BW, no oil or gas, SDFN.
		8/23/2000	Schematic	Notes	TP 180#, CP 440#, FL @ 2,900' scattered, 1st pull 100% oil, blew csg down, lower tbg 3 jts, SN @ 5,452', bottom tbg @ 5,467', RU to run rods, RIH w/ 2 1/2" x 2" x 16' w/ 6' GA, spray metal pump w/ 2 stage gas breaker, 12 - 7/8" bottom, 124 - 3/4", 79 - 7/8" top, 2 - 6' 7/8" sub, 1 1/4" x 22 w/ 8' liner, clamp rods off on stuffing box, RDMO well service, build tank battery pad, move stock tanks and heater treater.
		8/29/2000	Schematic	Notes	First gas sales to Duke @ 9:00 a.m. on 8/29/00
		8/29/2000	Schematic	Notes	TP 120#, CP 60#, 40 BO, 80 BW, install meter in meter run, first gas sales to Duke @ 9:00 a.m. on 8/29/00, MLP Stubbs 1-11 meter run is now master meter for the Elmo and Stubbs wells, set chemical on well, emulsion breaker still carrying over water in oil, start building fire wall around tank battery, checked oil going to stock, by day's end 3/10th into stock tank.
		12/14/2001	Schematic	Notes	MIRU well service, TOOH w/ rods, parted on #120 - 3/4", RIH w/ overshot, caught part, TOOH w/ pump and rods, TIH w/ 2 1/2 x 2 x 16' pump w/ 6' GA, 12 - 7/8", 123 - 3/4", 80 - 7/8", load tbg, RTP, RDMO.
		1/25/2002	Schematic	Notes	MIRU, attempt to screw rods together, no success, POOH w/ rods, found body break @ rod #128, RIH w/ fishing tool, catch fish, POOH w/ rods and tool, RIH w/ rods, reseal pump, load tbg, RTP, RDMO.
		4/14/2002	Schematic	Notes	MIRU Superior Well Service, POOH w/ rods, found body break 131 rods down, RIH w/ 1 5/8" tool, unable to catch fish, POOH w/ rods and tool, change tool to 1 9/16", RIH w/ tool and rods, unable to catch fish, POOH, change tool, RIH, catch fish, POOH, change broken rod, RIH w/ rods, load tbg, RTP, RDMO.
		9/18/2002	Schematic	Notes	MIRU Superior WS, POOH w/ rods, rod #93 parted, RIH w/ fishing tool and rods, catch fish, POOH, change broken rod, RIH w/ rods, reseal pump, load tbg, good pump action, RTP, RDMO.
		9/20/2002	Schematic	Notes	MIRU Superior WS, POOH to part 139th 3/4" rod w/ body break, RIH w/ overshot, catch part, POOH w/ pump and rods, LD old 3/4" rods in singles, RIH w/ 2 1/2" x 1 1/2" x 16' pump w/ 6' GA, 12 - 7/8" rods, 121 new 3/4" Sunrise rods, 83 - 7/8" top, 2 - 6" and 1 - 2 7/8" subs, load tbg, RDMO, RTP.
		3/8/2006	Schematic	Notes	MIRU Superior WS #6, POOH w/ rods, part on rod #165 (body break), RIH w/ overshot, catch fish, POOH w/ rods to fish, POOH, SDFN.
		3/9/2006	Schematic	Notes	POOH w/ rest of rods and pump, RIH w/ 2 1/2" x 1 1/2" x 16' pump, 12 - 7/8" rods, 121 - 3/4" rods, 83 - 7/8" rods, 2 - 6", 2' subs, 1 1/4" x 16' polish rod and 1 1/2" x 8' liner, load tbg, good pump action, RTP, RDMO.

Current Wellbore Schematic

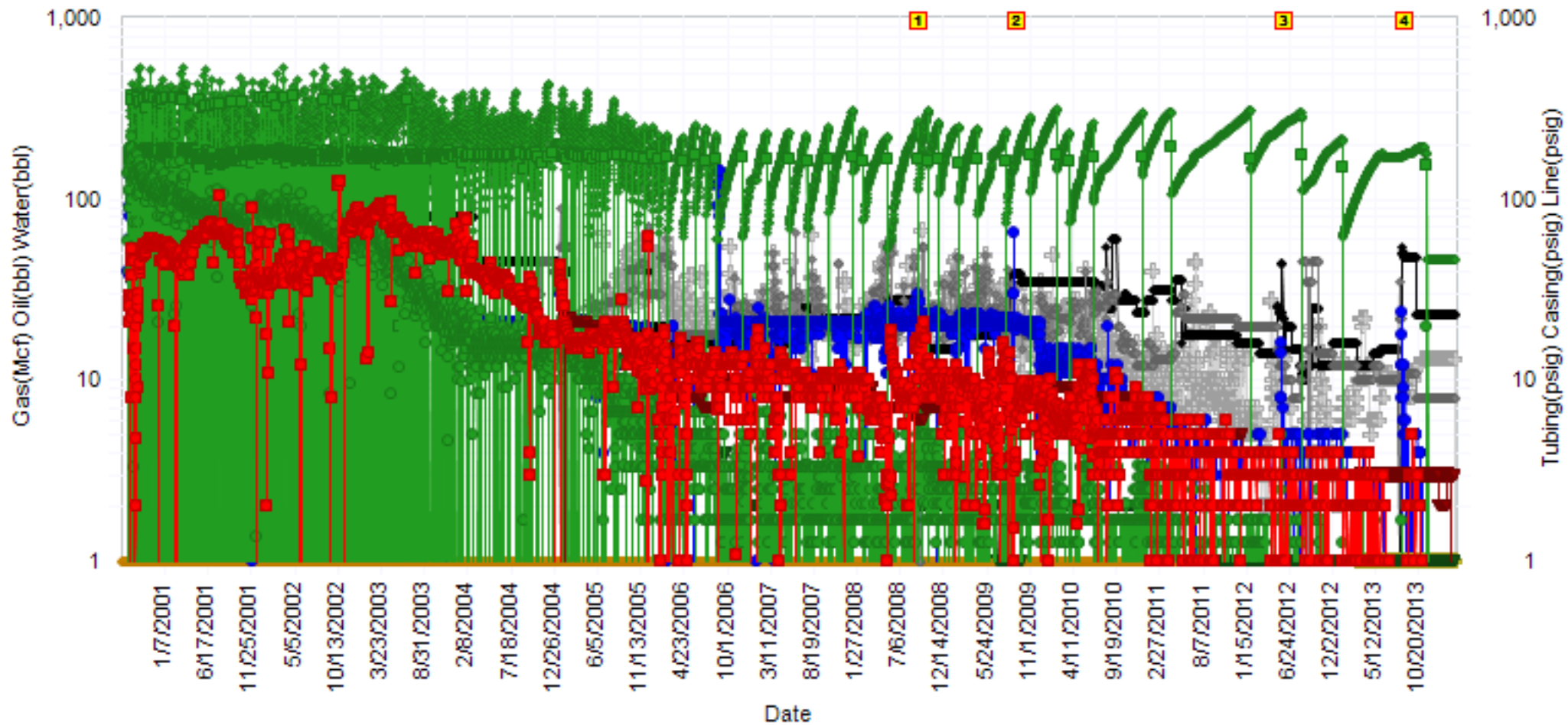
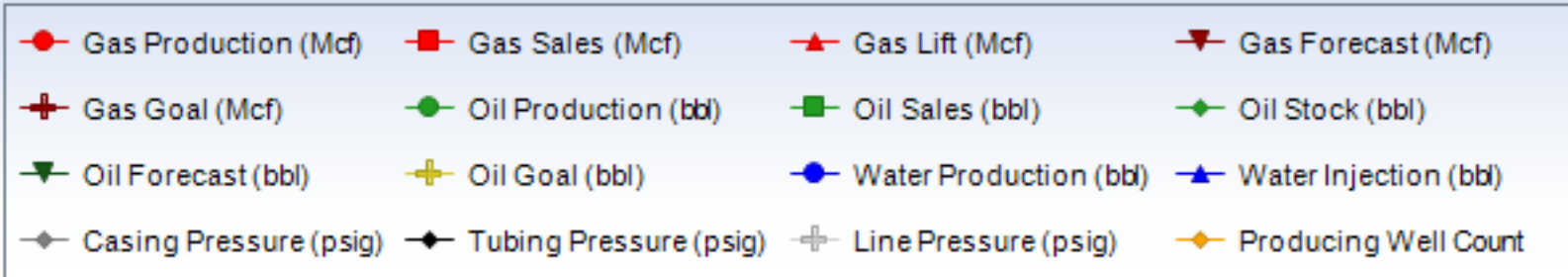
WELL (PN): MLP ELMO 1-11 (212000)
FIELD OFFICE: GARDEN CITY
FIELD: MANY CREEKS NW
STATE / COUNTY: KANSAS / GRANT
LOCATION: SEC 11-30S-35W, 2120 FNL & 710 FWL
ROUTE: GAR-KS-ROUTE 07A - MARCOS CHAVEZ
ELEVATION: GL: 3,035.0 KB: 3,046.0 KB Height: 11.0
DEPTHS: TD: 5,700.0

API #: 1506721464
Serial #:
SPUD DATE: 8/3/2000
RIG RELEASE: 8/12/2000
1ST SALES GAS: 8/29/2000
1ST SALES OIL: 8/29/2000
Current Status: SHUTIN

VERTICAL - Original Hole, 3/3/2014 12:37:18 PM		Well Notes			
Vertical schematic (actual)	Zones	Date	Type 1	Type 2	Com
		8/25/2006	Schematic	Notes	MIRU Superior WS #4, unseat pump, POOH w/ rods, pump and tbg, SIW, SDFN. Drill Out CIBP/Acidize Morrow and Chester
		8/26/2006	Schematic	Notes	RIH w/ bit and 5 1/2" csg scraper to 5,498', POOH, RIH w/ sand pump, rec 2 gals scale and sand, MIRU Baker tools, RIH w/ sandline drill, tag @ 5,500', drill down to 5,665', FL 5,300', plug on bottom, POOH, LD Baker tools, RDMO, SIW, SDFN.
		8/29/2006	Schematic	Notes	SICP light blow, MIRU CF Service, RIH w/ RBP and pkr, set RBP @ 5,620', pkr @ 5,546', MIRU Heat Waves acid truck, acidize Chester w/ 12 bbls 15% NE-Fe acid down tbg, flush w/ 35 bbls 2% KCL @ 4 BPM, max PSI 1150#, ISIP 1150#, 5 min vacuum, release pkr and RBP, move up hole, set RBP @ 5,429', pkr @ 5,356', acidize Morrow w/ 18 bbls 15% NE-Fe acid, flush w/ 33 bbls 2% KCL @ 4 BPM @ 1460#, ISIP 1460#, 5 min vacuum, POOH w/ tbg, pkr and RBP, RDMO Heat Waves and CF, RIH w/ 15' MA @ 5,607', SN @ 5,592', 8 jts 2 7/8" tbg, TA @ 5,323', 172 jts 2 7/8" tbg and 10', 4' tbg subs, 26' rat hgole.
		8/30/2006	Schematic	Notes	RU tbg swab 6 hrs, IFL 3,000', trace oil, 36 BW, 1/2 TBSP scale, FFL 5,200', RIH w/ 1 1/4" x 6' GA, 2 1/2" x 1 1/2" x 16' RWBC pump, 12 - 7/8" rods, 126 - 3/4" rods, 84 - 7/8" rods, 3 - 6', 4' x 7/8" rod subs and 1 1/2" x 8' liner w/ 1 1/4" x 22' polish rod, load tbg, good pump action, RTP, RDMO.
		9/3/2009	Schematic	Notes	HSM, MIRU SUPERIOR WELL SER., UNSEAT PMP, GOOD VACCUUM, TOH W/ PMP AND RDS, RIH W/ RDS AND REBUILT PMP, LOAD TBG, GPA, HANG ON RTP. RDMO Rod - Conventional: Polished Rod: 1 1/4 in. D 1 22' Rod Sub: 7/8 in. D 4 22' Sucker Rod: 7/8 in. D 84 2100' Sucker Rod: 3/4 in. D 126 3150' Sucker Rod: 7/8 in. D 12 300' Rod Pump: 2 1/2 in. 1 (1.5000xRxWxBxCx16xxx) 16' Gas Anchor: 1 1/4 in. 1 6'
		MORR...			
	CHESTE R, Orig...				

Zone: MLP ELMO 1-11
 in Route: GAR-KS-Route 07A - Marcos Chavez
 Production Engineer: Doug Kathol
 Production Foreman: STEVE EMICK

Date Range Cum Gas Prod (Mcf): 101,622
 Date Range Cum Oil Prod (bbl): 100,681
 Date Range Cum Water Prod (bbl): 79,464
 Production Setting: Rod Pump - PU-ELC-AUTO





Chesapeake Energy Corporation

CST Production Monitor Export

MLP ELMO 1-11

1/1/1900 - 3/2/2014 | Gross Volumes | Operated Wells | 14.65 Pressure Base

Marker #	Date	Annotation	Created By	Created Date
1	9/4/2008	Install Test Compressor	Doug Howeth	10/22/2008
2	9/3/2009	Workover/Failure/Pump Repair	WellviewJobInfo	9/3/2009
3	5/25/2012	Workover/Failure/Pump Repair	WellviewJobInfo	5/25/2012
4	8/15/2013	Workover/Failure/Pump Repair	WellviewJobInfo	8/15/2013



Chesapeake Energy Corporation

CST Operations 8/8ths LOS Report

LOS MAIN

01/2013 - 12/2013 Gross Volumes | Operated Wells

Name	Property	Gas Price	Oil Price	NGL Price	Royalty Burden	Revenue	MCFE	Total LOE	LOE/MCFE	Ad Val	Compression	Overhead	R&M	SWD	Subsurface	Utilities	Workover	All Other	Sev Tax	Op Cash Flow	Capital	Net Cash Flow
MLP ELMO 1-11	212000	\$2.65	\$92.77	\$0.00	5,601	22,405	2,233	43,285	\$19.38	344	0	12,174	7,021	2,196	8,366	2,620	0	10,564	59	20,939	0	20,939
Totals		\$2.65	\$92.77	\$0.00	5,601	22,405	2,233	43,285	\$19.38	344	0	12,174	7,021	2,196	8,366	2,620	0	10,564	59	20,939	0	20,939

Chesapeake Energy Corporation

CST Operations 8/8ths LOS Report

MLP ELMO 1-11

01/2013 - 12/2013 Gross Volumes | Operated Wells



Name	Property	Gas Price	Oil Price	NGL Price	Royalty Burden	Revenue	MCFE	Total LOE	LOE/MCFE	Ad Val	Compression	Overhead	R&M	SWD	Subsurface	Utilities	Workover	All Other	Sev Tax	Op Cash Flow	Capital	Net Cash Flow
MLP ELMO 1-11	212000	\$2.65	\$92.77	\$0.00	5,601	22,405	2,233	43,285	\$19.38	344	0	12,174	7,021	2,196	8,366	2,620	0	10,564	59	20,939	0	20,939

Line Item	01/2013	02/2013	03/2013	04/2013	05/2013	06/2013	07/2013	08/2013	09/2013	10/2013	11/2013	12/2013	Total
Gas Revenue Volume	52	49	60	57	37	25	19	14	65	25	0	0	403
Gas Sales	52	49	60	57	37	25	19	14	65	25	0	0	403
Gas Value	\$127	\$118	\$146	\$164	\$111	\$74	\$50	\$34	\$161	\$61	\$0	\$0	\$1,047
Gas Price	\$2.44	\$2.41	\$2.44	\$2.88	\$2.99	\$2.96	\$2.61	\$2.45	\$2.48	\$2.46	\$2.65	\$2.98	\$2.65
Oil Revenue Volume	152	0	0	0	0	0	0	0	0	0	153	0	305
Oil Sales	152	0	0	0	0	0	0	0	0	0	153	0	305
Oil Value	\$13,488	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,472	\$0	\$26,960
Oil Price	\$88.74	\$91.03	\$89.92	\$86.45	\$89.40	\$90.40	\$99.57	\$101.14	\$100.84	\$95.16	\$88.05	\$92.50	\$92.77
Royalty Burden	2,723	24	29	33	22	15	10	7	32	12	2,694	0	5,601
Royalty Percent	0.20000000	0.20000000	0.20000000	0.20000000	0.20000000	0.20000000	0.20000000	0.20000000	0.20000000	0.20000000	0.20000000	0.20000000	0.20000000
Revenue	10,892	94	117	132	89	59	40	27	129	49	10,777	0	22,405
MCFE	964	49	60	57	37	25	19	14	65	25	918	0	2,233
LOE Total	2,717	4,134	2,956	3,028	2,793	2,126	2,187	11,958	6,355	2,528	2,159	344	43,285
LOE Per MCFE	\$2.82	\$84.37	\$49.27	\$53.12	\$75.49	\$85.04	\$115.11	\$854.14	\$97.77	\$101.12	\$2.35	\$0.00	\$19.38
Ad Valorem Tax	0	0	0	0	0	0	0	0	0	0	0	344	344
Audit Charges	0	0	0	0	0	0	0	0	0	0	0	0	0
Company Labor	170	174	178	179	180	180	192	289	198	204	202	0	2,146
Compression	0	0	0	0	0	0	0	0	0	0	0	0	0
Contract Serv/Equip Rental	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Facilities	53	37	32	41	40	40	35	35	38	42	29	0	422
Fuel Water Lube	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Insurance	0	0	0	0	0	0	0	0	314	0	0	0	314
Oil Processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Expenses	2	4	4	15	4	15	1	1	1	1	0	0	48
Overhead	1,050	1,050	1,050	1,128	1,128	1,128	1,128	1,128	1,128	1,128	1,128	0	12,174
Pumping Service	491	434	601	499	473	513	512	666	513	499	496	0	5,697
Regulatory	0	0	0	0	0	0	0	0	0	0	0	0	0
Rents And Fees	0	0	0	0	0	0	0	0	0	0	0	0	0
Repairs & Maintenance	0	1,741	530	766	424	0	0	685	2,875	0	0	0	7,021
Salt Water Disposal	336	336	174	174	174	0	0	174	379	189	260	0	2,196
Salt Water Processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Subsurface Repairs	0	0	0	0	0	0	200	7,677	489	0	0	0	8,366
Supplies	57	2	1	78	3	3	1	610	101	9	6	0	869
Telemetry	5	5	5	3	3	3	0	3	0	0	0	0	27
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0
Treating Expenses	77	77	77	0	0	0	0	690	60	60	0	0	1,041
Utilities	476	274	304	145	364	246	118	0	259	396	38	0	2,620
Workover	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Severance Tax	6	5	6	7	5	3	2	2	7	3	0	0	46
Oil Severance Tax	7	0	0	0	0	0	0	0	0	0	7	0	13
Severance Tax	12	5	6	7	5	3	2	2	7	3	7	0	59
IDC Monthly	0	0	0	0	0	0	0	0	0	0	0	0	0
WEQ Monthly	0	0	0	0	0	0	0	0	0	0	0	0	0
NRI	0.36800000	0.36800000	0.36800000	0.36800000	0.36800000	0.36800000	0.36800000	0.36800000	0.36800000	0.36800000	0.36800000	0.36800000	0.36800000
GWJ	0.46000000	0.46000000	0.46000000	0.46000000	0.46000000	0.46000000	0.46000000	0.46000000	0.46000000	0.46000000	0.46000000	0.46000000	0.46000000
Operating Cash Flow	8,163	(4,045)	(2,845)	(2,904)	(2,709)	(2,070)	(2,150)	(11,932)	(6,233)	(2,482)	8,612	(344)	(20,939)
Capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Cash Flow	8,163	(4,045)	(2,845)	(2,904)	(2,709)	(2,070)	(2,150)	(11,932)	(6,233)	(2,482)	8,612	(344)	(20,939)

Chesapeake Energy Corporation

CST Operations 8/8ths LOS Report

Totals

01/2013 - 12/2013 Gross Volumes | Operated Wells



Name	Property	Gas Price	Oil Price	NGL Price	Royalty Burden	Revenue	MCFE	Total LOE	LOE/MCFE	Ad Val	Compression	Overhead	R&M	SWD	Subsurface	Utilities	Workover	All Other	Sev Tax	Op Cash Flow	Capital	Net Cash Flow
Totals		\$2.65	\$92.77	\$0.00	5,601	22,405	2,233	43,285	\$19.38	344	0	12,174	7,021	2,196	8,366	2,620	0	10,564	59	20,939	0	20,939
Line Item	01/2013	02/2013	03/2013	04/2013	05/2013	06/2013	07/2013	08/2013	09/2013	10/2013	11/2013	12/2013	Total									
Gas Revenue Volume	52	49	60	57	37	25	19	14	65	25	0	0	403									
Gas Sales	52	49	60	57	37	25	19	14	65	25	0	0	403									
Gas Value	\$127	\$118	\$146	\$164	\$111	\$74	\$50	\$34	\$161	\$61	\$0	\$0	\$1,047									
Gas Price	\$2.44	\$2.41	\$2.44	\$2.88	\$2.99	\$2.96	\$2.61	\$2.45	\$2.48	\$2.46	\$2.65	\$2.98	\$2.65									
Oil Revenue Volume	152	0	0	0	0	0	0	0	0	0	153	0	305									
Oil Sales	152	0	0	0	0	0	0	0	0	0	153	0	305									
Oil Value	\$13,488	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,472	\$0	\$26,960									
Oil Price	\$88.74	\$91.03	\$89.92	\$86.45	\$89.40	\$90.40	\$99.57	\$101.14	\$100.84	\$95.16	\$88.05	\$92.50	\$92.77									
Royalty Burden	2,723	24	29	33	22	15	10	7	32	12	2,694	0	5,601									
Royalty Percent	0.20000000	0.20000000	0.20000000	0.20000000	0.20000000	0.20000000	0.20000000	0.20000000	0.20000000	0.20000000	0.20000000	0.20000000	0.20000000									
Revenue	10,892	94	117	132	89	59	40	27	129	49	10,777	0	22,405									
MCFE	964	49	60	57	37	25	19	14	65	25	918	0	2,233									
LOE Total	2,717	4,134	2,956	3,028	2,793	2,126	2,187	11,958	6,355	2,528	2,159	344	43,285									
LOE Per MCFE	\$2.82	\$84.37	\$49.27	\$53.12	\$75.49	\$85.04	\$115.11	\$854.14	\$97.77	\$101.12	\$2.35	\$0.00	\$19.38									
Ad Valorem Tax	0	0	0	0	0	0	0	0	0	0	0	344	344									
Audit Charges	0	0	0	0	0	0	0	0	0	0	0	0	0									
Company Labor	170	174	178	179	180	180	192	289	198	204	202	0	2,146									
Compression	0	0	0	0	0	0	0	0	0	0	0	0	0									
Contract Serv/Equip Rental	0	0	0	0	0	0	0	0	0	0	0	0	0									
Field Facilities	53	37	32	41	40	40	35	35	38	42	29	0	422									
Fuel Water Lube	0	0	0	0	0	0	0	0	0	0	0	0	0									
Gas Processing	0	0	0	0	0	0	0	0	0	0	0	0	0									
Insurance	0	0	0	0	0	0	0	0	314	0	0	0	314									
Oil Processing	0	0	0	0	0	0	0	0	0	0	0	0	0									
Other Expenses	2	4	4	15	4	15	1	1	1	1	0	0	48									
Overhead	1,050	1,050	1,050	1,128	1,128	1,128	1,128	1,128	1,128	1,128	1,128	0	12,174									
Pumping Service	491	434	601	499	473	513	512	666	513	499	496	0	5,697									
Regulatory	0	0	0	0	0	0	0	0	0	0	0	0	0									
Rents And Fees	0	0	0	0	0	0	0	0	0	0	0	0	0									
Repairs & Maintenance	0	1,741	530	766	424	0	0	685	2,875	0	0	0	7,021									
Salt Water Disposal	336	336	174	174	174	0	0	174	379	189	260	0	2,196									
Salt Water Processing	0	0	0	0	0	0	0	0	0	0	0	0	0									
Subsurface Repairs	0	0	0	0	0	0	200	7,677	489	0	0	0	8,366									
Supplies	57	2	1	78	3	1	1	610	101	9	6	0	869									
Telemetry	5	5	5	3	3	3	0	3	0	0	0	0	27									
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0									
Treating Expenses	77	77	77	0	0	0	0	690	60	60	0	0	1,041									
Utilities	476	274	304	145	364	246	118	0	259	396	38	0	2,620									
Workover	0	0	0	0	0	0	0	0	0	0	0	0	0									
Gas Severance Tax	6	5	6	7	5	3	2	2	7	3	0	0	46									
Oil Severance Tax	7	0	0	0	0	0	0	0	0	0	7	0	13									
Severance Tax	12	5	6	7	5	3	2	2	7	3	7	0	59									
IDC Monthly	0	0	0	0	0	0	0	0	0	0	0	0	0									
WEQ Monthly	0	0	0	0	0	0	0	0	0	0	0	0	0									
NRI	0.36800000	0.36800000	0.36800000	0.36800000	0.36800000	0.36800000	0.36800000	0.36800000	0.36800000	0.36800000	0.36800000	0.36800000	0.36800000									
GW	0.46000000	0.46000000	0.46000000	0.46000000	0.46000000	0.46000000	0.46000000	0.46000000	0.46000000	0.46000000	0.46000000	0.46000000	0.46000000									
Operating Cash Flow	8,163	(4,045)	(2,845)	(2,904)	(2,709)	(2,070)	(2,150)	(11,932)	(6,233)	(2,482)	8,612	(344)	(20,939)									
Capital	0	0	0	0	0	0	0	0	0	0	0	0	0									
Net Cash Flow	8,163	(4,045)	(2,845)	(2,904)	(2,709)	(2,070)	(2,150)	(11,932)	(6,233)	(2,482)	8,612	(344)	(20,939)									

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



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Shari Feist Albrecht, Chair
Thomas E. Wright, Commissioner
Jay Scott Emler, Commissioner

Sam Brownback, Governor

March 31, 2014

Sarah Rodriguez/Doug Kathol
Chesapeake Operating, Inc.
6200 N WESTERN AVE
PO BOX 18496
OKLAHOMA CITY, OK 73118-1046

Re: Plugging Application
API 15-067-21464-00-00
MLP ELMO 1-11
NW/4 Sec.11-30S-35W
Grant County, Kansas

Dear Sarah Rodriguez/Doug Kathol:

This letter is to notify you that the Conservation Division has received your plugging proposal, form CP-1, for the above well and has reviewed the proposal for completeness. The central office will now forward your CP-1 to the district office listed below for review of the proposed plugging method. **Please contact the district office for approval of your proposed plugging method at least five (5) days before plugging the well, pursuant to K.A.R. 82-3-113(b). If a workover pit will be used during the plugging of the well it must be permitted. A CDP-1 form must be filed and approved prior to the use of the pit in accordance with K.A.R. 82-3-600.**

The Conservation Division's review of form CP-1, either in the central or district office, does not include an inquiry into well ownership or the filing operator's legal right to plug the well. This notice in no way constitutes authorization to plug the above well by persons not having legal rights of ownership or interest in the well.

This notice is void after September 27, 2014. The CP-1 filing does not bring the above well into compliance with K.A.R 82-3-111 with regard to the Commission's temporary abandonment requirements.

Sincerely,
Production Department Supervisor

cc: District 1

(620) 225-8888