



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

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 #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Indian Oil Co., Inc.
Well Name	Lawrence 2
Doc ID	1054667

Tops

Name	Top	Datum
Lecompton	3313	-1779
Elgin sand	3376	-1842
Heebner Shale	3501	-1967
Brown Lime	3697	-2163
Lansing	3706	-2172
Stark Shale	4074	-2540
B/KC	4163	-2629
Eros. Miss.	4271	-2737
Mississippian	4280	-2746
Kinderhook	4418	-2884

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



phone: 316-337-6200
fax: 316-337-6211
<http://kcc.ks.gov/>

Thomas E. Wright, Chairman
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

April 25, 2011

Anthony Farrar
Indian Oil Co., Inc.
PO BOX 209
2507 SE US 160 HWY
MEDICINE LODGE, KS 67104-0209

Re: ACO1
API 15-007-23661-00-00
Lawrence 2
SW/4 Sec.30-31S-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,
Anthony Farrar

ALLIEL CEMENTING CO., LLC.

040665

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Med. Lodge KS

DATE <u>3-11-11</u>	SEC. <u>30</u>	TWP. <u>315</u>	RANGE <u>11W</u>	CALLED OUT	ON LOCATION	JOB START <u>4:00pm</u>	JOB FINISH <u>5:30pm</u>
LEASE <u>Lawrence</u>	WELL # <u>2</u>	LOCATION <u>160 + Isabel Rd. 3M, Winto</u>				COUNTY <u>Barber</u>	STATE <u>KS</u>
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)							

CONTRACTOR Col Ryan #2 OWNER Indian Oil Co.

TYPE OF JOB <u>Production</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>4458</u>
CASING SIZE <u>5 1/2</u>	DEPTH <u>4440'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>22'</u>
CEMENT LEFT IN CSG. <u>22'</u>	
PERFS.	
DISPLACEMENT <u>107 bbls 2% br/cc</u>	

CEMENT

AMOUNT ORDERED 50 SK 60:40 : 4% se-1
150 SK ASC + 5# Kolseal + 2% Fl-160
+ 2% Gas Black + De-former

COMMON Class <u>A-30</u>	@ <u>16.25</u>	<u>487.50</u>
POZMIX	@ <u>8.50</u>	<u>170.00</u>
GEL	@ <u>21.25</u>	<u>42.50</u>
CHLORIDE	@	
ASC	@ <u>19.00</u>	<u>2850.00</u>
<u>Kolseal</u>	@ <u>89</u>	<u>667.50</u>
<u>Fl-160</u>	@ <u>17.20</u>	<u>395.66</u>
<u>Gas Black</u>	@ <u>16.40</u>	<u>377.20</u>
<u>De-former</u>	@ <u>8.90</u>	<u>151.30</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Matthimesch</u>
# <u>360/265</u>	HELPER <u>Jason Thimesch</u>
BULK TRUCK	
# <u>381/250</u>	DRIVER <u>Royward R.</u>
BULK TRUCK	
#	DRIVER

REMARKS:

Bit circulation with R17 pump ball through
pump 3 bbls H2O pump 500 gal ASC, pump 2 bbls H2O
with 30 SK cement for Red hole with 20 SK cement for
mouse hole. With 150 SK cement Street down
wash pump + lines Release plug.
drive 157 bbls 2% br/cc
bury plug 700psi to 1200psi
plug held.

HANDLING <u>247</u>	@ <u>2.25</u>	<u>555.75</u>
MILEAGE <u>247/5 = 11</u>	@ <u>31.00</u>	<u>341.00</u>
TOT. <u>6041.35</u>		

SERVICE

DEPTH OF JOB <u>4440'</u>	
PUMP TRUCK CHARGE <u>2405.00</u>	
EXTRA FOOTAGE	@
MILEAGE <u>5</u>	@ <u>7.00</u>
MANIFOLD	@
<u>Head Rental</u>	@ <u>200.00</u>
<u>Light Vehicle</u>	@ <u>4.00</u>
	<u>35.00</u>

CHARGE TO: Indian Oil Co.

STREET _____ TOTAL 2660.00

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>1- Reg. Grade shoe</u>	@	<u>178.00</u>
<u>1- Rubber plug</u>	@	<u>66.00</u>
<u>1- AFU insert</u>	@	<u>118.00</u>
<u>7- centralizers</u>	@ <u>47.00</u>	<u>343.00</u>
	@	

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

TOTAL 705.00

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Anthony Farrar

SIGNATURE Anthony Farrar

ALLIED CEMENTING CO., LLC. 038726

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Crescent Bend JCS

DATE <u>3-4-01</u>	SEC. <u>30</u>	TWP. <u>31S</u>	RANGE <u>11W5</u>	CALLED OUT	ON LOCATION	JOB START COUNTY <u>Barber</u>	JOB FINISH STATE <u>KS</u>
LEASE <u>Lawrence</u>	WELL # <u>Z</u>	LOCATION <u>Medicine Lodge JCS East on 160 to</u>					
OLD OR <u>NEW</u> (Circle one)		LOCATION <u>7.5 miles west into</u>					

CONTRACTOR Val Energy #2 OWNER Indian Oil Co. Inc

TYPE OF JOB Surface

HOLE SIZE <u>12 1/4</u>	T.D. <u>3115</u>	315
CASING SIZE <u>8 3/8</u>	DEPTH <u>290</u>	313
TUBING SIZE	DEPTH	
DRILL PIPE	DEPTH	
TOOL	DEPTH	
PRES. MAX	MINIMUM	
MEAS. LINE	SHOE JOINT	
CEMENT LEFT IN CSG. <u>20ft</u>		
PERFS. <u>18.5</u>		
DISPLACEMENT <u>18.5</u>		

18.5 bbls of fresh water
EQUIPMENT

PUMP TRUCK # <u>366</u>	CEMENTER <u>Bobby R.</u>
BULK TRUCK # <u>364</u>	HELPER <u>Gary P.</u>
BULK TRUCK #	DRIVER <u>Kevan W.</u>
#	DRIVER

REMARKS:

Pipe on bottom break excavation w/ segment.
Hook to cement line.
Ran 5 bbls fresh water ahead
run 225 sz 60/40 3% cc 2% gel
Displace w/ Etwood plug
blowdown
Cement and water calculate found Cement
500 down 30ft on surface line
100sz 60/40 2% gel 4% cc at 730pm

CHARGE TO: Indian Oil Co. Inc
STREET _____
CITY _____ STATE _____ ZIP _____

CEMENT	AMOUNT ORDERED <u>225 sz 60/40 3% cc</u>	
<u>2% gel</u>		
<u>100sz 60/40 2% gel 4% cc</u>		
COMMON <u>195</u>	@ <u>16.25</u>	<u>3.168.75</u>
POZMIX <u>190</u>	@ <u>8.50</u>	<u>1105.00</u>
GEL <u>6</u>	@ <u>21.25</u>	<u>127.50</u>
CHLORIDE <u>10</u>	@ <u>58.20</u>	<u>582.00</u>
ASC	@	
	@	
	@	
<u>50# Sugar</u>	@ <u>1.25</u>	<u>62.50</u>
	@	
	@	
	@	
	@	
	@	
HANDLING <u>341</u>	@ <u>2.25</u>	<u>767.25</u>
MILEAGE <u>341 x 3 x .11</u>		<u>300.00</u>
	TOTAL	<u>6.113.00</u>

SERVICE

DEPTH OF JOB <u>290</u>		<u>1125.00</u>
PUMP TRUCK CHARGE		
EXTRA FOOTAGE <u>300-315</u>	@ <u>.95</u>	<u>14.25</u>
MILEAGE <u>6</u>	@ <u>7.00</u>	<u>42.00</u>
MANIFOLD	@	
<u>blow Truck miles 56</u>	@ <u>400</u>	<u>24.00</u>
	@	

TOTAL 1205.25

PLUG & FLOAT EQUIPMENT

<u>Head Manifold</u>	@ <u>200.00</u>	<u>200.00</u>
<u>wood plug</u>	@ <u>43.00</u>	<u>43.00</u>
	@	
	@	
	@	

TOTAL 243.00

SALES TAX (If Any) _____
TOTAL CHARGES _____
DISCOUNT _____

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME John Birch FT Drill

SIGNATURE [Signature]

IF PAID IN 30 DAYS

LITHOLOGY STRIP LOG

WellSight Systems
Scale 1:240 (5"=100') Imperial
Measured Depth Log

<p>Well Name: Lawrence #2 Location: NW NE SW License Number: API: 15-007-23661-00-00 Spud Date: March 4, 2011 Surface Coordinates: Section 30-Twp 31 South - Rge 11 West Bottom Hole Coordinates: 2310' FSL & 3630' FEL Formation: Vertical Hole</p>	<p>Region: Barber County, Kansas Drilling Completed: March 11, 2011</p>
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Ground Elevation (ft): 1524 **K.B. Elevation (ft):** 1534
Logged Interval (ft): 3100 **To:** 4460 **Total Depth (ft):** 4460

Drilling: Kinderhook Shale
Type of Forming Fluid: Chemical Mud, Displace at 2880'
Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Indian Oil Company, INC
Address: PO BOX 209
2507 SE US 160 HWY
Medicine Lodge, KS 67104-0209

GEOLOGIST

Name: W. Scott Alberg with assistance from Anthony Farrar
Company: Alberg Petroleum, LLC
Address: 609 Meadowlark Lane
Pratt, Kansas 67124

	FORMATION TOPS	LOG TOPS
Lecompton	3315(-1781)	3313(-1779)
Elgin Sand	3379(-1845)	3378(-1842)
Hedner Shale	3393(-1869)	3391(-1867)
Brown Lime	3699(-2165)	3697(-2163)
Lansing	3708(-2174)	3706(-2172)
Stark Shale	4073(-2539)	4074(-2540)
B/KC	4164(-2630)	4163(-2629)
Eros, Miss.	4271(-2737)	4271(-2737)
Mississippian	4280(-2746)	4280(-2746)
Kinderhook	4418(-2884)	4418(-2884)
RTD	4459(-2926)	
LTD		4458(-2924)

COMMENTS

Surface Casing: Set 7 joints 8 5/8" at 315' with 225 sxs. Cement did not circulate. Run 25' 1 inch and topped off with 100 sx 60/40 4%cc 2%gel. Cement to surface, plug down at 7:30 pm.
Production Casing: Ran 5 1/2" casing
Deviation Surveys: 315' 4' 12 degree, 4460' 1/4 degree.
Contractor Bit Record: 1- 12 1/4" out at 315'
2- 7 7/8" out at 4460'
Gas Detector: Jumping Leaf, LLC, David Gould
Mud System: Mud Co, Brad Bortz, Engineer
DSTs: None Ran
Logged By Log Tech, Inc.
LTD 4458'

DSTs

None Ran

CREWS

Val Drilling Rig #2
Tool Pisher - Rick Smith
Daniel Olson
John Lynch
Andrew Stackhouse

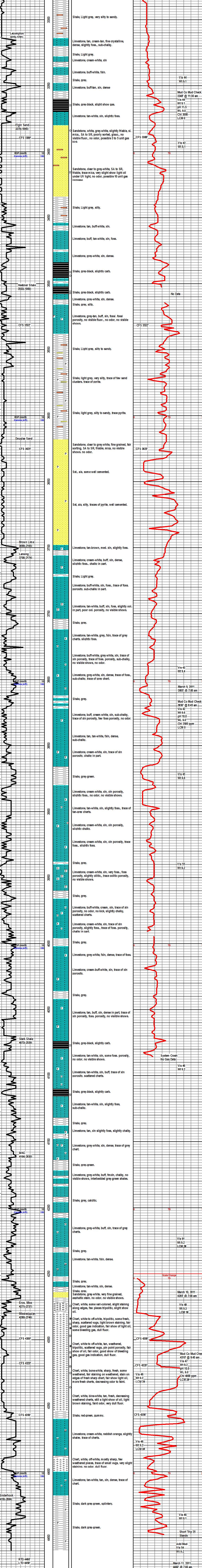
It is recommended that 5 1/2" casing be set to further evaluate the Mississippian.

Respectfully,
W. Scott Alberg

ROCK TYPES			
<p>Anhy </p> <p>Bent </p> <p>Bec </p> <p>Chit </p> <p>Chst </p> <p>Coal </p>	<p>Congl </p> <p>Sdy dolo </p> <p>Dol </p> <p>Gyp </p> <p>Sdy lmst </p>	<p>Lmst </p> <p>Mrlst </p> <p>Salt </p> <p>Shale </p> <p>Siltst </p> <p>Ss </p>	<p>Black sh </p> <p>Gry sh </p> <p>Shale </p> <p>Shysiltst </p> <p>Slysh </p>

ACCESSORIES			
<p>MINERAL</p> <p><input type="checkbox"/> Anhy</p> <p><input type="checkbox"/> Arg</p> <p><input type="checkbox"/> Bent</p> <p><input type="checkbox"/> Bit</p> <p><input type="checkbox"/> Calcfrag</p> <p><input type="checkbox"/> Calc</p> <p><input type="checkbox"/> Carbd</p> <p><input type="checkbox"/> Chtdk</p> <p><input type="checkbox"/> Chttt</p> <p><input type="checkbox"/> Dol</p> <p><input type="checkbox"/> Ferrpel</p> <p><input type="checkbox"/> Glau</p> <p><input type="checkbox"/> Gyp</p> <p><input type="checkbox"/> Marl</p> <p><input type="checkbox"/> Nodule</p> <p><input type="checkbox"/> Phos</p> <p><input type="checkbox"/> Pyr</p> <p><input type="checkbox"/> Salt</p> <p><input type="checkbox"/> Sandy</p> <p><input type="checkbox"/> Silt</p>	<p>FOSSIL</p> <p><input type="checkbox"/> Algae</p> <p><input type="checkbox"/> Amph</p> <p><input type="checkbox"/> Belm</p> <p><input type="checkbox"/> Bioclst</p> <p><input type="checkbox"/> Brach</p> <p><input type="checkbox"/> Bryozoa</p> <p><input type="checkbox"/> Coral</p> <p><input type="checkbox"/> Crin</p> <p><input type="checkbox"/> Echin</p> <p><input type="checkbox"/> Fish</p> <p><input type="checkbox"/> Foram</p> <p><input type="checkbox"/> Fossil</p> <p><input type="checkbox"/> Gasto</p> <p><input type="checkbox"/> Oolite</p> <p><input type="checkbox"/> Ostra</p>	<p>PELEC</p> <p><input type="checkbox"/> Pellet</p> <p><input type="checkbox"/> Piscolite</p> <p><input type="checkbox"/> Plant</p> <p><input type="checkbox"/> Strom</p> <p><input type="checkbox"/> Fuss</p> <p><input type="checkbox"/> Oomoldic</p>	<p>STRINGER</p> <p><input type="checkbox"/> Anhy</p> <p><input type="checkbox"/> Arg</p> <p><input type="checkbox"/> Bent</p> <p><input type="checkbox"/> Coal</p> <p><input type="checkbox"/> Dol</p> <p><input type="checkbox"/> Gyp</p> <p><input type="checkbox"/> Ls</p> <p><input type="checkbox"/> Mrlst</p> <p><input type="checkbox"/> Siltstrg</p> <p><input type="checkbox"/> Ssstrg</p> <p><input type="checkbox"/> Carsh</p> <p><input type="checkbox"/> Clystn</p> <p><input type="checkbox"/> Dol</p>

<p>TEXTURE</p> <p><input type="checkbox"/> Boundst</p> <p><input type="checkbox"/> Chalky</p> <p><input type="checkbox"/> Cryxln</p> <p><input type="checkbox"/> Earthy</p> <p><input type="checkbox"/> Finexln</p> <p><input type="checkbox"/> Grainst</p> <p><input type="checkbox"/> Lithogr</p> <p><input type="checkbox"/> Mucroxl</p> <p><input type="checkbox"/> Mudst</p> <p><input type="checkbox"/> Packet</p> <p><input type="checkbox"/> Wackest</p>	<p>BOUNDST</p> <p><input type="checkbox"/> Grysh</p> <p><input type="checkbox"/> Gryslt</p> <p><input type="checkbox"/> Lms</p> <p><input type="checkbox"/> Sandylms</p> <p><input type="checkbox"/> Sh</p> <p><input type="checkbox"/> Siltstn</p>
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March 11, 2011
4460' @ 7:00 am
Preparing to run production casing.