



Operator Name: Bengalia Land & Cattle Company Lease Name: Mc Graw Well #: 1-7  
 Sec. 7 Twp. 25 S. R. 30  East  West County: Gray

**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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run: Array Compensated Resistivity; Spectral Density <input checked="" type="checkbox"/> Dual Spaced Neutron; Borehole Compensated Sonic	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Stone Corral</td> <td>1900</td> <td>+968</td> </tr> <tr> <td>Chase</td> <td>2606</td> <td>+262</td> </tr> <tr> <td>Lansing</td> <td>4132</td> <td>-1264</td> </tr> <tr> <td>St. Louis</td> <td>4912</td> <td>-2044</td> </tr> </table>	Name	Top	Datum	Stone Corral	1900	+968	Chase	2606	+262	Lansing	4132	-1264	St. Louis	4912	-2044
Name	Top	Datum														
Stone Corral	1900	+968														
Chase	2606	+262														
Lansing	4132	-1264														
St. Louis	4912	-2044														

CASING RECORD <input checked="" 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
Surface	12 1/4	8 5/8	24#	1865	Class C Varicem	430	3% CC; 1/4# Polyflake
					Class C Halcem	150	2% CC; 1/4 # Polyflake
Production	7 7/8	5 1/2	14#	5201	Class G Econocem	480	2% CC; 1/4# Polyflake

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
4 SPF	4948-4958	500 Gal 15% HCL	
		2000 Gal 15% HCL	

TUBING RECORD:	Size: <u>2 3/8</u>	Set At: <u>5143</u>	Packer At: <u>4881'</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>5/01/09</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. <u>15</u>	Gas Mcf <u>0</u>	Water Bbls.	Gas-Oil Ratio Gravity

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4948-4958</u>
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# HALLIBURTON

# Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 358491	Ship To #: 2719761	Quote #:	Sales Order #: 6582691
Customer: BENGALIA LAND & CATTLE COMPANY		Customer Rep: PILAND, JAMES	
Well Name: McGraw	Well #: 1-7	API/UWI #:	
Field:	City (SAP): INGALLS	County/Parish: Haskell	State: Kansas
Contractor: TRINIDAD	Rig/Platform Name/Num: 208		
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: HARPER, JOE	Srvc Supervisor: SMITH, BOBBY	MBU ID Emp #: 106036	

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
FERGUSON, ROSCOE G	11	106154	GRAVES, JEREMY L	11	399155	KLAUSE, JOHN David	10	456246
SMITH, BOBBY Wayne	15.45	106036	TREJO, NOE	10	456243			

### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10240245	50 mile	10243558	50 mile	10244148	50 mile	10286731	50 mile
10714277C	50 mile	11019295	50 mile	11074743	50 mile		

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
TOTAL								

Total is the sum of each column separately

### Job

### Job Times

Formation Name	Formation Depth (MD) Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Water Depth	Wk Ht Above Floor	Perforation Depth (MD) From	To	Called Out	Date	Time	Time Zone
	1860. ft		BHST	1850. ft			2. ft			On Location	25 - Mar - 2009	19:00	CST
										Job Started	25 - Mar - 2009	22:00	CST
										Job Completed	26 - Mar - 2009	06:00	CST
										Job Completed	26 - Mar - 2009	07:21	CST
										Departed Loc	26 - Mar - 2009	13:45	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
Surface Open Hole				12.25					1700.		
Surface Casing	Unknown		8.625	8.097	24.		J-55		1700.		

### Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 8 5/8, HWE, 7.20 MIN/8.09 MA	1	EA		
SHOE, GID, 8-5/8 8RD	1	EA		
VLVASSY, INSR FLOAT, 8-5/8 8RD, 24 lbs/ft	1	EA		
FILLUP ASSY - 1.500 ID - 7 IN. - 8-5/8	1	EA		
CENTRALIZER ASSY - API - 8-5/8 CSG X	3	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			

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# 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 ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Water Spacer			bbl	8.33	.0	.0	.0	
2	Lead Cement	VARICEM (TM) CEMENT (452009)		sacks	11.4	2.86	17.57		17.57
	3 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	0.1 %	WG-17, 50 LB SK (100003623)							
	17.572 Gal	FRESH WATER							
3	Tail Cement	HALCEM (TM) SYSTEM (452986)		sacks	14.8	1.34	6.32		6.32
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	6.324 Gal	FRESH WATER							
4	Displacement Fluid			bbl	8.33	.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

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## Cementing Job Log

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Well Name: McGraw	Well #: 1-7	API/UWI #:	
Field:	City (SAP): INGALLS	County/Parish: Haskell	State: Kansas
Legal Description:			
Lat:		Long:	
Contractor: TRINIDAD		Rig/Platform Name/Num: 208	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: HARPER, JOE		Srvc Supervisor: SMITH, BOBBY	MBU ID Emp #: 106036

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	03/25/2009 19:00							4 Hour call out
Safety Meeting - Service Center or other Site	03/25/2009 20:00							Pre trip Journey Management
Depart from Service Center or Other Site	03/25/2009 20:03							Took the safest route as a two truck convoy
Arrive at Location from Service Center	03/25/2009 22:00							Arrived on time and safe.
Safety Meeting - Assessment of Location	03/25/2009 22:00							rig is drilling. Dry and clean location. Discussed with the company man the proper location to spot the trucks in.
Pre-Rig Up Safety Meeting	03/25/2009 22:05							Discussed proper techniques and safety habits.
Rig-Up Equipment	03/25/2009 22:10							Spotting trucks and rigging up.
Other	03/25/2009 23:00							Bulk trucks on location.
Other	03/26/2009 01:30							Rig is pulling drill pipe
Other	03/26/2009 02:30							Drill pipe out of the hole
Other	03/26/2009 02:53							Rig is running casing
Safety Huddle	03/26/2009 05:25							
Other	03/26/2009 05:25							Cement crew is riging up plugcontainer.
Other	03/26/2009 05:30							Casing on bottom
Other	03/26/2009 05:30							Rig is circulating the well

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Sold To #: 358491

Ship To #: 2719761

Quote #:

Sales Order #:

6582691

SUMMIT Version: 7.20.130

Thursday, March 26, 2009 07:58:00

# HALLIBURTON

## Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Safety Meeting	03/26/2009 06:00							Location safety meeting.
Start Job	03/26/2009 06:09							
Test Lines	03/26/2009 06:10						3000.0	3500 psi. Checking for leaks on the iron and the truck.
Pump Spacer 1	03/26/2009 06:12		6	20			200.0	Water spacer
Pump Lead Cement	03/26/2009 06:17		6	219			200.0	Lead cemet 430 sx @ 11.4 #
Pump Tail Cement	03/26/2009 06:52		6	35.8			150.0	Tail cement 150 sx @ 14.8 #
Drop Plug	03/26/2009 06:57							Shut down to drop plug.
Pump Displacement	03/26/2009 06:59		6	115.4	0		100.0	Water displacment
Other	03/26/2009 07:18		2		105	400.0	350.0	Slow down pump rate
Bump Plug	03/26/2009 07:21		2		115.4	400.0	1100.0	Bump plug
End Job	03/26/2009 07:33							Released the pressure back to the truck. Float did not hold. Left plug container on the casing for 6 hours. Cement returns to surface.
Safety Meeting - Pre Rig-Down	03/26/2009 07:35							
Rig-Down Equipment	03/26/2009 07:40							
Rig-Down Completed	03/26/2009 08:30							
Safety Meeting - Departing Location	03/26/2009 08:30							
Depart Location for Service Center or Other Site	03/26/2009 08:30							Bulk Trucks
Safety Huddle	03/26/2009 13:25							
Rig-Down Equipment	03/26/2009 13:30							Rig down the plugcontainer.
Depart Location for Service Center or Other Site	03/26/2009 13:45							Thank you for calling Halliburton Bob Smith and crew.

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Thursday, March 26, 2009 07:58:00

GEOLOGIST REPORT  
JOHN W. HUGHES

Bengalia Land & Cattle Co.

Mc Graw # 1-7

Section 7-T25S-R30W

Gray County, Kansas

Ground Level – 2853'

KB-2860'

TD Driller 5250'

TD Logger 5244'

Drilling Company – Trinidad Drilling Rig 211

Surface Casing 8 5/8" cemented in 12 1/4" hole at 1865'

Production Casing 5 1/2 " to 5201'

Top Lansing – 4132' (-1264)

Top St Louis 4912' (-2044)

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# Bengalia Land & Cattle Company

1633 South Boston  
Tulsa, Oklahoma 74119

Telephone (918) 587-8022  
Fax Line (918) 728-2300

August 31, 2009

KCC - Conservation Division  
Attn: Steve Bond  
130 S. Market, Room 2078  
Wichita, KS 67202

RE: Well Completion Forms

Dear Steve:


Enclosed is the ACO-1 form for the following wells:

Leonard # 1-13  
Mc Graw # 1-7  
Rundell # 1-30

Please hold this information confidential for as long as allowable.

Should you require any additional information, please contact me at the above number.

Yours truly,



Jennifer Sexton  
VP of Operations

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