



**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

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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ 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:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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# QUEST

Resource Corporation

211 W. 14TH STREET,  
CHANUTE, KS 66720  
620-431-9500

AFE  
D11066

TICKET NUMBER

7102

FIELD TICKET REF #

FOREMAN Joe Blanchard

SSI

API

## TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-29-11	Thornton Dale 33-1				NO

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe Blanchard	3:00	5:00				2	Joe Blanchard
Nathan Gehman	3:00	5:00		903255		2	Nathan Gehman
Wes Gehman	3:00	5:00		931505	931395	2	Wes Gehman
DUSTY PORTER	3:00	4:30		903103		1.5	Dusty Porter

JOB TYPE Surface HOLE SIZE 11 HOLE DEPTH 21 Ft CASING SIZE & WEIGHT 8 5/8 Surface.  
 CASING DEPTH 21 Ft DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS:

Pumped 3 BBL H2O to get Circulation started Cement Pumped 15 SKS Cement to get Cement to surface Pumped 1 bbl H2O for displacement. Shutdown Cleaned up. Left location.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
904850	2 hr	Foreman Pickup	
903255	2 hr	Cement Pump Truck	
903103	1.5 hr	Bulk Truck	
931505	2 hr	Transport Truck	
931395	2 hr	Transport Trailer	
		80 Vac	
	21 Ft	Casing <u>8 5/8 Surface Casing!!</u>	
		Centralizers	
		Floaf Shoe	
		Wiper Plug	
		Frac Baffles	
	15 SK	Portland Cement	
		Gilsonite	
		Flo-Seal	
		Premium Gel	
		Cal Chloride	
		KCL	
	25 BBL	City Water	

# QUEST

Resource Corporation

211 W. 14TH STREET,  
CHANUTE, KS 66720  
620-431-9500

AFE 011065

TICKET NUMBER

✓ 7099

FIELD TICKET REF #

FOREMAN Joe Blanchard

SSI 631610

API 15-133-27567

## TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-1-11	Thornton Dale 33-1	33	28	17	NO

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe Blanchard	7:00	12:00		904850		5	Joe Blanchard
DUSTIN PORTER	↓	↓		903600		↓	Dustin Porter
Nathan Gahman	↓	↓		903255		↓	Nathan Gahman
Wes Gahman	↓	↓		931505	971395	↓	Wes Gahman

JOB TYPE Longstring HOLE SIZE 7 7/8 HOLE DEPTH 1181 CASING SIZE & WEIGHT 5 1/2 14#  
 CASING DEPTH 1125.38 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 26.79 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4bpm

REMARKS:

washed 15ft jump 1sk gel - Installed cement head RAW 16 BBI dye & 160 SKS of Cement to get dye to surface. Flush pump. Pump wiper plug to bottom & set float shoe.

Safety meeting 7:00 to 8:30 started Pipe 9:30 started cement 11:00

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
904850	5 hr	Foreman Pickup	
903255	↓ hr	Cement Pump Truck	
909600	↓ hr	Bulk Truck	
931505	↓ hr	Transport Truck	
931395	↓ hr	Transport Trailer	
		80 Vac	
	1125.38	Casing 5 1/2	
	7	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	2	Frac Baffles 4" # 4 1/2"	
	130 SK	Portland Cement	
	30 SK	Gilsonite	
	2 SK	Flo-Seal	
	11 SK	Premium Gel	
	5 SK	Cal Chloride	
	1	KCL 5 1/2 Basket	
	2000 gal	City Water	
903139	5 hr	Casing tractor	
932899	5 hr	Casing trailer	

DD. McPherson Drilling Thursday 06/30/11 @ 3 PM.

Pipe#	Length	Running Total	Baffle Location	POSTROCK ENERGY CORP - CASING TALLY SHEET
1	39.57	39.57		Date: 06/30/2011 Thursday
2	38.36	77.93	Cement Basket	Well Name & #: Thornton, Dale A. 33-1
3	40.11	118.04	@ 118ft.	Township & Range: 28S-18E
4	39.53	157.57		County/State: Neosho / Kansas
5	38.66	196.23		SSI #: 631610
6	38.87	235.10		AFE#: D11065
7	39.68	274.78		Road Location: 140th & Ford, S&W into
8	38.87	313.65		API# 15-133-27567
9	39.41	353.06		
10	39.51	392.57		
11	38.16	430.73		
12	40.62	471.35		
13	40.21	511.56		
14	39.66	551.22		
15	39.89	591.11		
16	39.41	630.52	← Set Upper Baffle @ 630.52 ft. Big Hole.	
17	39.68	670.20		
18	38.23	708.43		
19	39.42	747.85		
20	39.55	787.40		
21	39.13	826.53		
22	39.40	865.93		
23	39.13	905.06	← Set Lower Baffle @ 905.06 ft. Small Hole.	
24	39.83	944.89		
25	39.31	984.20		
26	40.92	1025.12		
27	40.39	1065.51		
28	39.87	1105.38		
Sub	20.00	1125.38	Tally Bottom.	

Use all 28 joints + the 20ft. Sub.

Be Safe!

Miss Top 1005 ft.

Tally Bottom 1125.38 ft.

Driller TD 1131 ft.

Log Bottom 1131.90 ft.

**Put Safety 1st! Teamwork works!!**

DKJ. Ke Reavy  
Sr. Geologist  
Cell 620 305 9900  
06-30-2011

**McPherson Drilling LLC Drillers Log**

**PO#** **AFE# D11065**

<b>Rig Number:</b> 1	<b>S. 33</b>	<b>T. 28</b>	<b>R.18 E</b>
<b>API No. -105- 133-27567</b>	<b>County: Neosho</b>		
Elev. 932	<b>Location:</b>		

<b>Gas Tests:</b>	
153'	0
204'	116
354'	191
479'	181
555'	186
579'	186
605'	198
680'	134
730'	134
755'	134
805'	116
879'	116
930'	116
990'	147
1006'	147
1131'	159
<b>Comments:</b>	
Start injecting @	

<b>Operator:</b> POSTROCK			
<b>Address:</b> 210 Park Ave Ste 2750 Oklahoma City, OK 73102-5641			
<b>Well No:</b> 33-1	<b>Lease Name:</b> THORNTON		
<b>Footage Location:</b>	2,225	ft. from the	NORTH Line
	966	ft. from the	EAST Line
<b>Drilling Contractor:</b> McPherson Drilling LLC			
<b>Spud date:</b>	6/29/2011	<b>Geologist:</b>	Ken Recoy
<b>Date Completed:</b>	6/30/2011	<b>Total Depth:</b>	1131

<b>Casing Record</b>			<b>Rig Time:</b>	
	Surface	Production		
<b>Size Hole:</b>	11"	7 7/8"		
<b>Size Casing:</b>	8 5/8"			
<b>Weight:</b>	20#			
<b>Setting Depth:</b>	21	MCP	300'	h2o
<b>Type Cement:</b>			<b>DRILLER:</b>	Andy Coats
<b>Sacks:</b>		Pump Truck		

<b>Well Log</b>										
<b>Formation</b>	<b>Top</b>	<b>Btm.</b>	<b>HRS.</b>	<b>Formation</b>	<b>Top</b>	<b>Btm.</b>		<b>Formation</b>	<b>Top</b>	<b>Btm.</b>
soil	0	4		coal	333	335		shale	754	790
clay	4	9		sand shale	335	360		coal	790	792
west shale	9	14		lime	360	373		shale	792	860
shale	14	33		shale	373	381		coal	860	861
lime	33	39		sand shale	381	410		shale	861	923
shale	39	57		black shale	410	413		coal	923	924
lime	57	94		shale	413	452		shale	924	926
shale	94	96		lime	452	459		coal	926	928
lime	96	128		coal	459	461		shale	928	985
shale	128	131		lime	461	503		coal	985	987
lime	131	140		shale	503	545		shale	987	994
shale	140	145		oswego lime	545	569		miss	994	1131
coal	145	148		summit	569	576				
shale	148	167		lime	576	581				
sand shale	167	184		mulky	581	586				
shale	184	193		lime	586	587				
lime	193	199		shale	587	660				
shale	199	202		coal	660	663				
coal	202	204		shale	663	722				
shale	204	229		coal	722	724				
lime	229	268		shale	724	740				
shale	268	273		coal	740	742				
black shale	273	277		shale	742	753				
shale	277	333		coal	753	754				

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/>

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

Sam Brownback, Governor

October 21, 2011

CLARK EDWARDS  
PostRock Midcontinent Production LLC  
Oklahoma Tower  
210 Park Ave, Ste 2750  
OKLAHOMA CITY, OK 73102

Re: ACO1  
API 15-133-27567-00-00  
THORNTON, DALE A 33-1  
NE/4 Sec.33-28S-18E  
Neosho 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,  
CLARK EDWARDS