



KANSAS CORPORATION COMMISSION 1055824  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 33343  
Name: PostRock Midcontinent Production LLC  
Address 1: Oklahoma Tower  
Address 2: 210 Park Ave, Ste 2750  
City: OKLAHOMA CITY State: OK Zip: 73102 +  
Contact Person: LANCE GALVIN  
Phone: ( 405 ) 600-7704  
CONTRACTOR: License # 5675  
Name: McPherson, Ron dba McPherson Drilling  
Wellsite Geologist: KEN REOCY  
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 #: \_\_\_\_\_

<u>01/05/2011</u>	<u>01/06/2011</u>	<u>01/18/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-099-24636-00-00  
Spot Description: \_\_\_\_\_  
SW NE NW SE Sec. 2 Twp. 35 S. R. 17  East  West  
2,095 Feet from  North /  South Line of Section  
1,960 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Labette  
Lease Name: HAHN Well #: 2-2  
Field Name: CHEROKEE BASIN CBM  
Producing Formation: MULTIPLE  
Elevation: Ground: 810 Kelly Bushing: 0  
Total Depth: 1032 Plug Back Total Depth: 1026  
Amount of Surface Pipe Set and Cemented at: 21 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 1026  
feet depth to: 0 w/ 120 sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content: 0 ppm Fluid volume: 0 bbls  
Dewatering method used: Evaporated  
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: Deanna Garrison Date: 05/16/2011



1055824

Operator Name: PostRock Midcontinent Production LLC Lease Name: HAHN Well #: 2-2  
 Sec. 2 Twp. 35 S. R. 17  East  West County: Labette

**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 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 Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>Attached</b>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum SEE ATTACHED
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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	12.25	8.625	22	21	A	4	
PRODUCTION	7.875	5.5	14.5	1026.01	A	120	

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 (Amount and Kind of Material Used)	Depth
4	880-882	500 GAL 15% HCL W/ 82 BBLS 2% KCL WATER	880-882
4	632-636	400 GAL 15% HCL W/83 BBLS 2% KCL WATER, 840 BBLS W/ 2% KCL, BIOCIDES, MAXFLOW, 10014# 20	632-636
4	379-383	800 GAL 15% HCL W/44 BBLS 2% KCL WATER, 850 BBLS W/ 2% KCL, BIOCIDES, MAXFLOW, 1518# 20	379-383
4	344-348	400 GAL 15% HCL W/ 56 BBLS 2% KCL WATER, 487 BBLS W/ 2% KCL, BIOCIDES, MAXFLOW, 6485# 20	344-348

TUBING RECORD: Size: <u>1.5</u> Set At: <u>900</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>1/27/2011</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>0</u>	Gas Mcf <u>37</u>	Water Bbls. <u>33</u>
Gas-Oil Ratio		Gravity	

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" 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 <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	PostRock Midcontinent Production LLC
Well Name	HAHN 2-2
Doc ID	1055824

All Electric Logs Run

CDL
DIL
NDL
TEMP

# QUEST

Resource Corporation



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

AFE#  
D10089

231

TICKET NUMBER

97015

FIELD TICKET REF #

FOREMAN Joe Blanchard

SSI

API

### TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER			SECTION	TOWNSHIP	RANGE	COUNTY
1-7-11	<del>Hester</del> Hawn	2-2		2	35	17	LB
FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe Blanchard	7:00	12:00		904850		5	Joe Blanchard
Chris Middleton	7:00	12:00		903197		5	Chris Middleton
Matt Naff	7:00	12:00		903600		5	Matt Naff
John Walker	7:00	10:30		931310	932900	3.5	John Walker
Wesley Graham	9:30	12:00		931585	931387	5	Wesley Graham

JOB TYPE Longstring HOLE SIZE 7 7/8 HOLE DEPTH 1032 CASING SIZE & WEIGHT 5 1/2 16\*  
 CASING DEPTH 1026.01 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT IN CASING 0  
 DISPLACEMENT 24.42 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4bpm

REMARKS:

Installed Cement head Ran 16 BBI dye & 120 SKS of Cement to get dye to surface. Flush pump. Pump wiper plug to bottom & set float shoe.  
Started 5 1/2 in hole at 8:30 landed casing 10:30 started cement 11:10 left location 12 PM

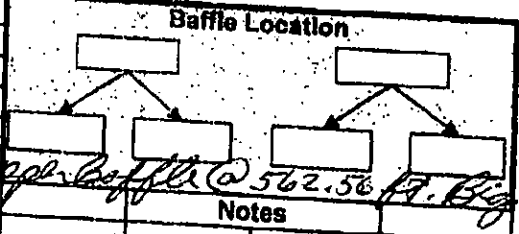
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
904850	5 hr	Foreman Pickup	
903197	5 hr	Cement Pump Truck	
903600	5 hr	Bulk Truck	
931585	5 hr	Transport Truck	
931387	5 hr	Transport Trailer	
		80 Vac	
	1026.01	Casing	
	6	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	2	Frac Baffles 4" w 4 1/2"	
	90 SK	Portland Cement	
	22 SK	Gilsonite	
	1 SK	Flo-Seal	
	6 SK	Premium Gel	
	3 SK	Cal Chloride	
	1	KC-5 1/2 Basket	
	2000 gal	City Water	
	3.5 hr	Casing tractor	
	3.5 hr	Casing trailer	

TD'd. McPherson Drilling @ 12 Noon 01/06/2011.  
(355-17E)

2000+  
Blown  
west  
+  
North  
into  
beach  
2  
tanks

Pipe #	Length	Running Total	Baffle Location	Casing Tally Sheet
1	39.47	39.47		<b>Casing Tally Sheet</b> Location: Hahn 2-2 SSI# 630750 Date: 1/6/2011 Well TD: 1031 D10089, Labette Co., KS
2	39.35	78.82	Common	
3	34.73	113.55	Blocked	
4	35.00	148.55	113 ft	
5	34.96	183.51	148 ft.	
6	34.39	217.90		
7	34.55	252.45		
8	35.02	287.47		
9	39.64	327.11		
10	39.23	366.34		
11	38.35	404.69		
12	39.63	444.32		
13	39.79	484.11		
14	38.82	522.93		
15	39.63	562.56		
(16)	38.70	601.26	← Set Upper Baffle @ 562.56 ft. Big Hole	
17	34.70	635.96		
18	34.71	670.67		
19	34.92	705.59		
20	34.82	740.41	← Set Lower Baffle @ 740.41 ft. Small Hole	
(21)	33.99	774.40		
22	34.66	809.06		
23	35.11	844.17		
24	34.95	879.12		
25	34.74	913.86		
26	34.76	948.62		
27	39.00	987.62		
(28)	38.39	1026.01	Tally Bottom	

Jennifer  
Ken



Use all 28 joints. No Sub.

Be Safe!

Post Rock  
~~QUEST~~

(TKS) Ken Reedy  
Sr. Geologist  
620-305-9900  
cell

Miss Top = 891 ft.  
Tally Bottom = 1026.01 ft.  
Driller TD = 1031 ft.  
Log Bottom = 1032 ft.

**McPherson Drilling LLC Drillers Log**

PO# LRG010511-5

AFE# D10089

<b>Rig Number:</b> 1	<b>S. 2</b>	<b>T. 35</b>	<b>R.17 E</b>
<b>API No. 15- 099-24636</b>	<b>County: LB</b>		
<b>Elev. 810</b>	<b>Location: SW NE NW SE</b>		

<b>Operator:</b> POSTROCK			
<b>Address:</b> 210 Park Ave Ste 2750 Oklahoma City, OK 73102-5641			
<b>Well No:</b> 2-2	<b>Lease Name:</b> HAHN		
<b>Footage Location:</b>	2095 ft. from the	SOUTH Line	
	1960 ft. from the	EAST Line	
<b>Drilling Contractor:</b> McPherson Drilling LLC			
<b>Spud date:</b> 1/5/2011	<b>Geologist:</b> Ken Recoy		
<b>Date Completed:</b> 1/6/2011	<b>Total Depth:</b> 1031		

<b>Gas Tests:</b>	
	MCF
229	0
350	0
385	2.76
405	2.76
590	2.76
635	2.76
680	3.39
710	3.39
790	3.39
820	3.39
890	3.39
905	3.39
1031	3.39

**Comments:**  
Start injecting @

<b>Casing Record</b>			<b>Rig Time:</b>	
	Surface	Production		
<b>Size Hole:</b>	11"	7 7/8"	odor 230; 443 hit water at 440	
<b>Size Casing:</b>	8 5/8"			
<b>Weight:</b>	23#		<b>DRILLER:</b> Andy Coats	
<b>Setting Depth:</b>	21	MCP		
<b>Type Cement:</b>	Portland			
<b>Sacks:</b>	4	MCP		

<b>Well Log</b>										
Formation	Top	Btm.	HRS.	Formation	Top	Btm.	Formation	Top	Btm.	
soil	0	5		sand	434	506	black shale	817	818	
shale	5	13		shale	506	518	shale	818	875	
lime	13	21		lime	518	520	coal	875	878	
shale	21	27		black shale	520	522	shale	878	887	
lime	27	39		shale	522	545	lime	887	1031	
coal	39	40		sand shale	545	562				TD
lime	40	56		shale	562	585				
shale	56	176		coal	585	587				
black shale	176	178		shale	587	628				
pink lime	178	209		coal	628	630				
shale	209	211		shale	630	670				
coal	211	212		coal	670	672				
shale	212	230		shale	672	689				
oil sand	230	242		black shale	689	687				
sand shale	242	261		shale	687	703				
shale	261	310		lime	703	704				
lime	310	342		black shale	704	706				
summit	342	346		shale	706	735				
lime	346	375		coal	735	736				
mulkey	375	379		shale	736	798				
lime	379	386		black shale	798	801				
shale	386	395		shale	801	808				
coal	395	401		coal	808	811				
shale	401	434		shale	811	817				