



KANSAS CORPORATION COMMISSION 106557
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: CLARK EDWARDS
Phone: (620) 4319500
CONTRACTOR: License # 5675
Name: McPherson, Ron dba McPherson Drilling
Wellsite Geologist: KEN RECOY
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>3/22/2011</u>	<u>3/23/2011</u>	<u>3/30/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-133-27545-00-00

Spot Description: _____
S2 N2 NW SE Sec. 32 Twp. 29 S. R. 18 East West
2145 Feet from North / South Line of Section
1980 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Neosho
Lease Name: UMBARGER, DWAYNE Well #: 32-2
Field Name: _____
Producing Formation: CHEROKEE COALS
Elevation: Ground: 1060 Kelly Bushing: 0
Total Depth: 1256 Plug Back Total Depth: 1248
Amount of Surface Pipe Set and Cemented at: 20 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 1248
feet depth to: 0 w/ 190 sx cm.

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: 10/19/2011



1065557

Operator Name: PostRock Midcontinent Production LLC Lease Name: UMBARGER, DWAYNE Well #: 32-2
 Sec. 32 Twp. 29 S. R. 18 East West County: Neosho

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: Attached	<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	20	A	37	
PRODUCTION	7.875	5.5	14.5	1247.69	A	190	

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	1117-1120/1061-1063/1056-1058	400GAL 15% HCL W/ 75BBSLS 2% KCL WATER, 875BBSLS W/ 2% KCL, BIOCID, MAXFLOW, 10100# 20/4	1117-1120/1061-1063/1056-1058
4	949-951/909-911/838-839/799-802	500GAL 15% HCL W/ 95BBSLS 2% KCL WATER, 800BBSLS W/ 2% KCL, BIOCID, MAXFLOW, 12000# 20/4	949-951/909-911/838-839
4	686-690/698-702	400GAL 15% HCL W/ 83BBSLS 2% KCL WATER, 580BBSLS W/ 2% KCL, BIOCID, MAXFLOW, 15300# 20/4	686-690/698-702

TUBING RECORD: Size: <u>1.5</u> Set At: <u>1200</u> Packer At: <u>N/A</u> Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR: <u>3/31/2011</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>19</u> Water Bbls. <u>12</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) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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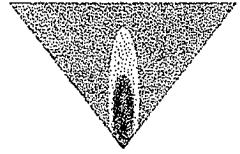
Form	ACO1 - Well Completion
Operator	PostRock Midcontinent Production LLC
Well Name	UMBARGER, DWAYNE 32-2
Doc ID	1065557

All Electric Logs Run


DIL
CDL
NDL
SONIC
TEMP

QUEST

Resource Corporation



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

AFE
D11027

TICKET NUMBER

7056

FIELD TICKET REF #

FOREMAN OTTO G. POWERS

SSI

API

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY	
3-22-11	Umberger Dwayne 32-2			29S	18E	NEOSHO	
FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
OTTO G. POWERS	1:30	3:30		903255		2	<i>Otto G. Powers</i>
Michael Jones	1:30	3:30		903600		2	<i>Michael Jones</i>

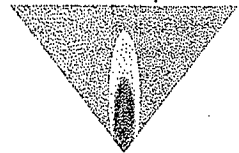
JOB TYPE Surface HOLE SIZE 20" @ 9 7/8 HOLE DEPTH 200' 21 CASING SIZE & WEIGHT 8 5/8
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14 lb SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS:
pumped water to surface then pumped cement to surface
then pumped 1 bbl displacement
used 37 SKS

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
		Foreman Pickup	
903255	1	Cement Pump Truck	
903600	1	Bulk Truck	
		Transport Truck	
		Transport Trailer	
	1	80 Vac	
		Casing	
		Centralizers	
		Float Shoe	
		Wiper Plug	
		Frac Baffles	
	37 QCS SKS	Portland Cement	
		Gilsonite	
		Flo-Seal	
		Premium Gel	
	1 SKS	Cal Chloride	
		KCL	
	19 bbls	City Water	

QUEST

Resource Corporation



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

AFX
D11027

TICKET NUMBER 7052

FIELD TICKET REF # _____

FOREMAN Joe Blanchard

SSI _____

API _____

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-24-11	Umbarger DWAYNE 32-2	32			NO

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe Blanchard	7:00	5:00 5:00		904850		10	Joe Blanchard
Otto G. Lewis	7:00	4:45		903255		9.75	Otto G. Lewis
Matt Culbertson	7:00	5:00		903139	932895	10	Matt Culbertson
Ken Colston	7:00	4:30		904745		9.5	Ken Colston
Justin T. Jensen	7:00	4:45		903206		9.75	Justin T. Jensen
Wes Graham	7:00	5:00		931585	931387	10	Wes Graham

JOB TYPE Long Stems HOLE SIZE 7 7/8 HOLE DEPTH 1256 CASING SIZE & WEIGHT 5 1/2 14**
 CASING DEPTH 1247.69 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 29.70 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4bpm

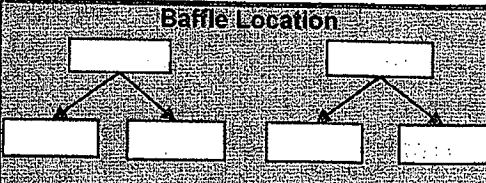
REMARKS:

washed 10 ft 5 1/2 Sump 2 sks gel. Installed cement head RAW 20 BBL dye at 190 SKS of cement to get dye to surface. Flush pump. Pump wiper plug to bottom + set float shoe

Casing truck Broke down on way to location. MacPherson had drill equipment on Red. Could not start casing till 10:15 AM. Loaded casing at 12pm had to go to Chanute for Sex harassment meeting. Cement At 3:30 pm.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
904850	10 hr	Foreman Pickup	
903255	9.75 hr	Cement Pump Truck	
903206	9.75 hr	Bulk Truck	
931585	10 hr	Transport Truck	
931387	10 hr	Transport Trailer	
904745	9.5 hr	80 Vac	
	1247.69	Casing 5 1/2	
	7	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	2	Frac Baffles 4" H 4 1/2	
	140 SK	Portland Cement	
	38 SK	Gilsonite	
	2 SK	Flo-Seal	
	14 SK	Premium Gel	
	6 SK	Cal Chloride	
	1	5 1/2 Basket	
	700 gal	City Water	
903139	10 hr	Casing tractor	
932895	10 hr	Casing trailer	

TD's McPherson Drilling Friday, March 23, 2011 @ 2 P.M.

Pipe #	Length	Running Total	Baffle Location	Casing Tally Sheet
1	38.86	38.86		Location: <i>Amberger 32-2</i> SS# <i>631120</i> Date: <i>3/20/11</i> Well ID: <i>1256</i> D11027
2	39.02	77.88	Cement	
3	38.56	116.44	Basket	
4	38.52	154.96	⑩ 194 Fts	
5	39.44	194.40		
6	39.07	233.47		
7	39.07	272.54		
8	38.65	311.19		
9	38.93	350.12		
10	38.63	388.75		
11	38.49	427.24		Baffle Location 
12	38.37	465.61		
13	39.10	504.71		
14	38.65	543.36		
15	39.16	582.52		
16	38.53	621.05		
17	38.46	659.51		
18	39.90	699.41		
19	38.82	738.23	← Set Upper Baffle @ 738.23	
⑳	39.34	777.57		
21	39.87	817.44		
22	38.93	856.37		
23	38.32	894.69		
24	38.41	933.10		
25	39.95	973.05	← Set Lower Baffle @ 1012.80	
⑳	39.75	1012.80		
27	39.38	1052.18		
28	40.35	1092.53		
29	39.54	1132.07		
30	38.11	1170.18		
31	39.08	1209.26		
⑳	38.43	1247.69	Tally Bottom	
Use All 32 joints NO sub				
Be Safe!				

38.81



Miss top 1135 Fts
 Tally Bottom 1247.69 Ft.
 Log Bottom 1254.50 Ft.
 Driller TD 1256 Ft.

Thank You!
 Michael E. Mc Mahon
 Geo-Tech

McPherson Drilling LLC Drillers Log

PO# LRG031211-9 **AFE#** D11027

Rig Number: 1	S. 32	T. 29	R.18 E
API No. 15- 133-27545	County: Neosho		
Elev. 1060	Location:		

Gas Tests:	
430	0
600	0
630	SB
690	SB
710	SB
780	SB
805	SB
831	SB
855	SB
910	SB
955	SB
980	SB
1055	SB
1118	SB
1130	SB
1256	SB
Comments:	
Start injecting @	

Operator: POSTROCK
Address: 210 Park Ave Ste 2750 Oklahoma City, OK 73102-5641
Well No: 32-2 Lease Name: UMBARGER DWAYNE
Footage Location: 2,145 ft. from the SOUTH Line 1,980 ft. from the EAST Line
Drilling Contractor: McPherson Drilling LLC
Spud date: 3/22/2011 Geologist: Ken Recoy
Date Completed: 3/23/2011 Total Depth: 1256

Casing Record			Rig Time:	
	Surface	Production		
Size Hole:	11"	7 7/8"	2:00-5:00	waitin on road
Size Casing:	8 5/8"		3 hours	
Weight:	20#			
Setting Depth:	20	MCP		
Type Cement:	pump truc		DRILLER:	Andy Coats
Sacks:		MCP		

Well Log										
Formation	Top	Btm.	HRS.	Formation	Top	Btm.	Formation	Top	Btm.	
soil	0	1		summit	682	689	miss lime	1118	1256	
sand shale	1	4		lime	689	696				
shale	4	56		mulky	696	700				
coal	56	58		lime	700	702				
shale	58	122		shale	702	772				
lime	122	142		coal	772	773				
sand shale	142	187		shale	773	792				
lime	187	251		lime	792	794				
black shale	251	254		coal	794	796				
shale	254	280		shale	796	828				
lime	280	292		coal	828	829				
black shale	292	299		shale	829	849				
lime	299	362		coal	849	851				
shale	362	426		shale	851	903				
coal	426	427		black shale	903	805				
sand shale	427	438		shale	805	945				
shale	438	442		coal	945	946				
lime	442	475		shale	946	973				
shale	475	585		coal	973	974				
coal	585	586		shale	974	1047				
lime	586	617		coal	1047	1049				
coal	617	618		shale	1049	1113				
shale	618	657		coal	1113	1114				
osw lime	657	682		shale	1114	1118				