



KANSAS CORPORATION COMMISSION 1048188
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: JENNIFER SMITH
Phone: (620) 431-9500
CONTRACTOR: License # 34103
Name: Lamamco Drilling Co., a General Partnership
Wellsite Geologist: KEN RECOY
Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- 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>08/08/2010</u>	<u>08/09/2010</u>	<u>08/30/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-099-24617-00-00

Spot Description: _____

_____-_____-NE-SW Sec. 13 Twp. 33 S. R. 17 East West
1,980 Feet from North / South Line of Section
1,980 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Labette

Lease Name: VAIL, SHANNON E Well #: 13-1

Field Name: _____

Producing Formation: MULTIPLE

Elevation: Ground: 829 Kelly Bushing: 0

Total Depth: 1030 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 1027 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: 1027

feet depth to: 0 w/ 150 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: 12/15/2010

bid



1048188

Operator Name: PostRock Midcontinent Production LLC Lease Name: VAIL, SHANNON E Well #: 13-1
 Sec. 13 Twp. 33 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: Attached	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum SEE ATTACHED
---	--

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	5	
PRODUCTION	7.875	5.5	14.5	1026.63	A	150	

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 (Amount and Kind of Material Used)	Depth
4	899-901/833-835	400gal 15% <u>HCL</u> w/ 55bbls 2% <u>kd</u> water, 384bbls water w/ 2% KCL, Biocide, 1200# 20/40 sand	899-901/833-835
4	570-572/551-553/538-541/499-501	400gal 15% <u>HCL</u> w/ 69bbls 2% <u>kd</u> water, 526bbls water w/ 2% KCL, Biocide, 8600# 20/40 sand	570-572/551-553/538-541
4	467-471/435-439	300gal 15% <u>HCL</u> w/ 31bbls 2% <u>kd</u> water, 471bbls water w/ 2% KCL, Biocide, 3400# 20/40 sand	467-471/435-439

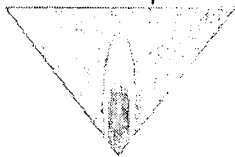
TUBING RECORD: Size: <u>1.5</u> Set At: <u>973.5</u> Packer At: <u>N/A</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>10/01/2010</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
Estimated Production Per 24 Hours	Oil Bbls. <u>0</u> Gas Mcf <u>10</u> Water Bbls. <u>25</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: _____ _____
--	--	--

QUEST

Resource Corporation

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



TICKET NUMBER

6966

231

FIELD TICKET REF # _____

FOREMAN Joe Blanchard

SSI _____

API _____

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-11-10	Vail Shannon 13-1	13	33	17	68

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe Blanchard	7:00	5:45		904950		10.75	Joe Blanchard
Curt Collins	7:00	5:30		931300		10.5	Curt Coll
Josiah Gonzalez	10:30 am	4 pm	1.50	903414	931395	5.5	Josiah Gonzalez
Lorry Reddick	7:00	5:45		903600		10.75	Lorry Reddick
Durrell Chaney	7:00	5:30		903197		10.5	Durrell Chaney

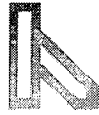
JOB TYPE Long string HOLE SIZE 7 7/8 HOLE DEPTH 1031 CASING SIZE & WEIGHT 5 1/2 18 lb
 CASING DEPTH 1026.63 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 24.44 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 bpm

REMARKS:

Washed 25 Ft 5 1/2 in hole. Installed cement head RAN 4 SKS gel of 16 BBI dye of 150 SKS of cement to get dye to surface. Flush pump Pumped wiper plug to bottom of set float shoe.

had 2 Joints of casing that had damaged thread had to wait for 2 new Joints to be delivered to location. Cement to surface.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
904850	10.75 hr	Foreman Pickup	
903197	10.5 hr	Cement Pump Truck	
903600	10.75 hr	Bulk Truck	
903414	5.5 hr	Transport Truck	
931395	5.5 hr	Transport Trailer	
	hr	80 Vac	
	1026.63 Ft	Casing	
	5	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	1	Frac Baffles 4" small hole	
	120 SK	Portland Cement	
	30 SK	Gilsonite	
	1 SK	Flo-Seat	
	12 SK	Premium Gel	
	5 SK	Cal Chloride	
		KCL	
	7000 gal	City Water	



PostRock

DATE: 09/07/2010

LAMAMCO Drilling

Geology Brief - Data taken from Driller's Log & Compensated Density Log

WELL NAME:	Vail, Shannon E.	SECTION:	13	REPORT #:		SPUD DATE:	8/8/2010
WELL #:	13-1	TWP:	33S	DEPTH:	1031		
FIELD:	Cherokee Basin	RANGE:	17E	PBTD:			
COUNTY:	Labette	ELEVATION:	832 Estimate	FOOTAGE:	1980 FT FROM	South	SECTION LINE
STATE:	Kansas	API #:	15-099-24617-0000		1980 FT FROM	West	SECTION LINE
						NE SW	

Npvoe!Vbmfz!!!!

ACTIVITY DESCRIPTION: Take HW169S to 160E, then 160E to Brown, then South 1.5 miles on Brown & East into. 12,000 & Brown, N&E into.

LAMAMCO Drilling, Lowell Atchison, drilled to TD 1031 ft. on Monday, 08/09/2010 at 2:30 pm. Weather: hot, high temperature 99 degrees F.

Note: 10 foot rock samples collected for the Kansas Geological Survey (KGS) Rock Library, as required by the State of Kansas.

Surface Casing @ 21.0 ft., 5 sacks cement.

Surface Casing Size: 8 5/8"

GAS SHOWS:	Gas Measured	E-Log	COMMENTS:
Mulberry Coal - traces	0 n dgebz/A	Absent FT.	
Lexington Shale & Coal	0 n dgebz/A	326-331 FT.	Hbt luf t ubu48: lg/
Summit Shale & Coal	0 n dgebz/A	435-439 FT.	Hbt luf t ubu556!g/
Mulky Shale & Coal	45 n dgebz/A	467-471 FT.	56!n dgebz!gpn !Nvrfz!/Hbt luf t ubu585!g/
Iron Post Coal	45 n dgebz/A	499-501 FT.	
Bevier Coal - poor	45 n dgebz/A	517-519 FT.	No Upper Baffle Set - not enough room.
Verdigris Limestone	45 n dgebz/A	533-538 FT.	
Upper Croweburg Coal & Shale	45 n dgebz/A	538-541 FT.	
Lower Croweburg Coal & Shale	45 n dgebz/A	551-553 FT.	
Fleming Coal	45 n dgebz/A	570-572 FT.	
Tehu Coal	45 n dgebz/A	635-637 FT.	Hbt luf t ubu917!g/
Weir Coal	45 n dgebz/A	Poorly developed FT.	
Barllesville Sandstone	45 n dgebz/A	Poorly developed FT.	Lower Baffle Set at 787.71 ft. Small hole.
Rowe Coal	45 n dgebz/A	833-835 FT.	
Neutral Coal - poor	45 n dgebz/A	843-845 FT.	Hbt luf t ubu986!g/
Riverton Coal	45 n dgebz/A	899-901 FT.	
Mississippi Chat/Limestone	68 n dgebz/A	Top at 907 FT.	34!n dgebz!gpn !u jt lbf b!/Hbt luf t ubu: 31!g/
TD: 1031 ft.	101 n dgebz/A		44!n dgebz!gpn !u jt lbf b!/Hbt luf t ubuUE/

Note: Water coming into the hole from zones drilled affects Drilling & Gas Tests. These Wells may require a booster to reach target TD.

This water pressure may cause the Gas coming into the hole to be sporadic and/or appear non-existent, giving false readings of initial Gas measured.

Bottom of Production Pipe Tally Sheet: 1026.63 ft. Production Casing Set by PostRock.

Bottom Logger: 1013.40 ft. Driller TD: 1031 ft.

Shoe & Centralizer Set on bottom joint & Centralizers Set every 5 joints to surface.

OTHER COMMENTS:

Information in this report was taken directly from the Drillers hand written notes, Geologists examination of rock samples with a hand lens & the Compensated Density Log only. Gas Tests reflect what the driller wrote down during drilling activities. All zones are picked on site with minimal log correlation. Detailed work with logs may provide more accurate data for reservoir analysis. Below Zones fyi only.

Pawnee LS / Pink	298-326
Oswego Limestone - Oil	398-436
Mineral Coal	591-593

CASING RECOMMENDATIONS: Run 5.5 inch casing / Cement to surface

On Site Supervisor/Representative: Ken Recoy, Senior Geologist, AAPG CPG #5927 Cell: 620-305-9900 l sf dpzA qt w/dpn

End of Geology Brief. Thank You!