



KANSAS CORPORATION COMMISSION 1048190
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

OPEF License # 33343

Name: PostRock Midcontinent Production LLC

Address: Oklahoma Tower

Address: 210 Park Ave, Ste 2750

City: OKLAHOMA CITY State: OK Zip: 73102

Contact Person: JENNIFER SMITH

Phone: (202) 431-9500

CONTACTOR: License # 34103

Name: Lamamco Drilling Co., a General Partnership

Wellsite Geologist: KEN RECOY

Purchaser: _____

Design: Type of Completion:

- Well Re-Entry Workover
- WSW SWD SIOW
- Gas D&A ENHR SIGW
- G GSW Temp. Abd.
- (Coal Bed Methane)
- Modic Other (Core, Expl., etc.): _____

If Work Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Re-opening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW

Plug Back: _____ Plug Back Total Depth

Permit #: _____

Permit #: _____

Permit #: _____

Permit #: _____

Permit #: _____

8/8/2010 8/10/2010 09/01/2010

Spud Date Date Reached TD Completion Date or

Recompletion Date

API No. 15 - 15-099-24616-00-00

Spot Description: _____

SE NE NW SE Sec. 14 Twp. 33 S. R. 17 East West

2,190 Feet from North / South Line of Section

1,355 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 #: 14-1

Field Name: _____

Producing Formation: MULTIPLE

Elevation: Ground: 814 Kelly Bushing: 0

Total Depth: 1056 Plug Back Total Depth: 1055

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: 1055

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 _____ and I hereby certify that all requirements of the statutes, rules and regulations delegated to regulate the oil and gas industry have been fully complied with and the documents 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

Rec'd



1048190

Operator Name: PostRock Midcontinent Production LLC Lease Name: VAIL, SHANNON E Well #: 14-1
Sec. 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 to 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 Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Additional Sheets)
Sample sent to Geological Survey
Cores Run
Electric Log Run
Electric Log Submitted Electronically (Submit Copy)
List All Logs Run: Attached

CASING RECORD
Table with 8 columns: Part 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.
Rows: SURFACE, PERFORATION

ADDITIONAL CEMENTING / SQUEEZE RECORD
Table with 5 columns: Purpose, Depth Top Bottom, Type of Cement, # Sacks Used, Type and Percent Additives.
Rows: Shot Casing, Back TD, Off Zone

PERFORATION RECORD - Bridge Plugs Set/Type
Table with 4 columns: String Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used), Depth.
Rows: 4, 4, 4

TUBING RECORD: Size: 1.5 Set At: 1003 Packer At: N/A Liner Run: Yes No

Date Resumed Production, SWD or ENHR. Producing Method: Flowing Pumping Gas Lift Other (Explain)

Estimated Production Hours: Oil Bbls. 0 Gas Mcf 6 Water Bbls. 6 Gas-Oil Ratio Gravity

DISPOSITION OF GAS: Sold Used on Lease
METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)
PRODUCTION INTERVAL:

Form	ACO1 - Well Completion
Operator	PostRock Midcontinent Production LLC
Well Name	VAIL, SHANNON E 14-1
Loc ID	1048190

Electric Logs Run

[REDACTED]	
DL	
DL	
DL	
EMP	

JEST

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

231

TICKET NUMBER 6959
FIELD TICKET REF # _____
FOREMAN Joe Blanchard
SSI _____
API _____

AK # D10028

**TREATMENT REPORT
& FIELD TICKET CEMENT**

WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
<u>Vard Shannon 14-1</u>	<u>14</u>	<u>33</u>	<u>17</u>	<u>LB</u>

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
<u>Blanchard</u>	<u>7:00</u>	<u>11:30</u>		<u>903850</u>		<u>4.5</u>	<u>Joe Blanchard</u>
<u>Collins</u>	<u>7:00</u>	<u>10:30</u>		<u>903900</u>		<u>3.5</u>	<u> Curt. Collins</u>
<u>McRidick</u>	<u>7:00</u>	<u>11:30</u>		<u>903600</u>		<u>4.5</u>	<u>Jeff McRidick</u>
<u>Chaney</u>	<u>7:00</u>	<u>11:30</u>		<u>903197</u>		<u>4.5</u>	<u>Dan Chaney</u>

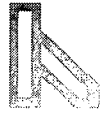
JO: Langstring HOLE SIZE 7 7/8 HOLE DEPTH 1056 CASING SIZE & WEIGHT 5 1/2 16#
 CA: DEPTH 1054.77 DRILL PIPE _____ TUBING _____ OTHER _____
 SL: WEIGHT 14.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
 DI: CEMENT 25.11 DISPLACEMENT PSI _____ MIX PSI _____ RATE 46ppm

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

2 Ft 5 1/2 out of hole need cut off and weld on collar attached.

Cement to Surface.

QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
<u>4.5 hr</u>	Foreman Pickup	
<u>4.5 hr</u>	Cement Pump Truck	
<u>4.5 hr</u>	Bulk Truck	
<u>3.5 hr</u>	Transport Truck	
<u>3.5 hr</u>	Transport Trailer	
	80 Vac	
<u>1054.77</u>	Casing	
<u>5</u>	Centralizers	
<u>1</u>	Float Shoe	
<u>1</u>	Wiper Plug	
<u>1</u>	Frac Baffles <u>4" Small hole</u>	
<u>120 SK</u>	Portland Cement	
<u>30 SK</u>	Gilsonite	
<u>1 SK</u>	Flo-Seal	
<u>12 SK</u>	Premium Gel	
<u>5 SK</u>	Cal Chloride	
	KCL	
<u>7000 gal</u>	City Water	



PostRock

LAMAMCO Drilling

08/2010

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

WELL NAME: Vail, Shannon E.	SECTION: 14	REPORT #: 1056	SPUD DATE: 8/8/2010 Sunday
14-1	TWP: 33S	DEPTH: 1056	
Cherokee Basin	RANGE: 17E	PBTD:	
Labette	ELEVATION: 814 Estimate	FOOTAGE: 2190 FT FROM	South SECTION LINE
Kansas	API #: 15-099-24616-0000	1355 FT FROM	East SECTION LINE
			SENEWSE

Npvoe!Vbrnz!!!!

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

Drilling, Lowell Atchison, drilled to TD 1056 ft. on Tuesday, 08/10/2010 at 2:00 pm. Weather: hot, high temperature 101 degrees F. No rock samples collected for the Kansas Geological Survey (KGS) Rock Library, as required by the State of Kansas.

Casing @ 21.0 ft., 5 sacks cement.

Casing Size: 8 5/8"

WVS:	Gas Measured	E-Log	COMMENTS:
Coal - traces	0 n dgebz/A	Absent FT.	
Shale & Coal	0 n dgebz/A	324-329 FT.	Hbt luf t ubu48: 1g/
Shale & Coal	26 n dgebz/A	438-442 FT.	37In dgebz/gpn !Tvn n ju/IHbt luf t ubu557!g/
Shale & Coal	26 n dgebz/A	468-472 FT.	Hbt luf t ubu591!g/
Coal	26 n dgebz/A	501-503 FT.	
Shale - poor	26 n dgebz/A	511-513 FT.	No Upper Baffle Set - not enough room.
Limestone	26 n dgebz/A	529-534 FT.	
Coal & Shale	26 n dgebz/A	534-537 FT.	
Coal	26 n dgebz/A	573-575 FT.	
Shale	26 n dgebz/A	647-649 FT.	
Shale - poor	26 n dgebz/A	664-666 FT.	Lower Baffle Set at 782.95 ft. Small hole.
Sandstone - Oil	26 n dgebz/A	666-738 FT.	Hbt luf t ubu917!g/
Shale	26 n dgebz/A	850-852 FT.	
Shale - poor	26 n dgebz/A	860-862 FT.	
Carbon Coal	37 n dgebz/A	886-888 FT.	22In dgebz/gpn lu jt lbf b/IHbt luf t ubu9: 1!g/
Carbon Coal	37 n dgebz/A	913-915 FT.	
Chat/Limestone	45 n dgebz/A	Top at 923 FT.	9In dgebz/gpn !Sjwf spo/IHbt luf t ubu: 34!g/ !: 46!g/
Shale	52 n dgebz/A		8In dgebz/gpn lu jt lbf b/IHbt luf t ubuUE/

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

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

Production Pipe Tally Sheet: 1054.77 ft. Production Casing Set by PostRock.

Driller: 1053.70 ft. Driller TD: 1056 ft.

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

REMARKS:

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

Pink	298-324
Limestone - Oil	400-438
Shale	595-597
Coal	634-636
Coal	754-756

RECOMMENDATIONS: Run 5.5 inch casing / Cement to surface

Supervisor/Representative: Ken Recoy, Senior Geologist, AAPG CPG #5927 Cell: 620-305-9900 | sf dpzA at us/dpn
 Geology Brief. Thank You!