

KANSAS CORPORATION COMMISSION 1072147
OIL & GAS CONSERVATION DIVISIONForm ACO-1
June 2009Form Must Be Typed
Form must be Signed
All blanks must be FilledWELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33476
Name: FIML Natural Resources, LLC
Address 1: 410 17TH ST STE 900
Address 2: _____
City: DENVER State: CO Zip: 80202 + 4420
Contact Person: Cassie Parks
Phone: (303) 893-5073
CONTRACTOR: License # 6454
Name: Cheyenne Well Service, Inc.
Wellsite Geologist: NA
Purchaser: NCRA

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: FIML Natural Resources, LLCWell Name: Grube 13A-21-1831Original Comp. Date: 09/21/2010 Original Total Depth: 4770

- 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 #: _____

11/30/2010 12/17/2010
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-171-20763-00-01

Spot Description: _____

NW NE SW SW Sec. 21 Twp. 18 S. R. 31 East West1250 Feet from North / South Line of Section700 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

 NE NW SE SWCounty: ScottLease Name: Grube Well #: 13A-21-1831

Field Name: _____

Producing Formation: LansingElevation: Ground: 2952 Kelly Bushing: 2961Total Depth: 4770 Plug Back Total Depth: 4340Amount of Surface Pipe Set and Cemented at: 393 FeetMultiple Stage Cementing Collar Used? Yes NoIf yes, show depth set: 2985 FeetIf Alternate II completion, cement circulated from: 2985feet depth to: 0 w/ 400 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: Deanna Gerriso Date: 01/24/2012



1072147

Operator Name: FIML Natural Resources, LLC Lease Name: Grube Well #: 13A-21-1831
 Sec. 21 Twp. 18 S. R. 31 East West County: Scott

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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No

Electric Log Submitted Electronically Yes No
 (If no, Submit Copy)

List All E. Logs Run:

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 Heebner 3875' -914

CASING RECORD New 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 (Amount and Kind of Material Used)	Depth
1	4586-90, 4592-94', 4597-99' & 4349-52' (all existing) CIBP @ 4340'	Acidize w/ 1000 gal 15% N-E	4349-4599' 4340'
4	4287-90' & 4194-96' 4194-96'	Acidize w/ 500 gal 15% MCA Squeezed w/ 50 sxs Common	4287-96' 4194-96'
4	4164-68	Acidized w/ 500 gal 15% MCA	4164-68'

TUBING RECORD: Size: <u>2.875</u> Set At: <u>4334'</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>12/17/2010</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>164</u>	Gas Mcf	Water Bbls. <u>60</u> Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4164-68' & 4287-90'</u>
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Summary of Changes

Lease Name and Number: Grube 13A-21-1831

API/Permit #: 15-171-20763-00-01

Doc ID: 1072147

Correction Number: 1

Approved By: Deanna Garrison

Field Name	Previous Value	New Value
Approved Date	05/17/2011	01/24/2012
LocationInfoLink	https://solar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=21&t4287-96	https://solar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=21&t4340
Perf_Depth_2	4287-96'	4340'
Perf_Depth_3	4194-96'	4287-96'
Perf_Depth_4	4164-68'	4194-96'
Perf_Depth_5		4164-68'
Perf_Material_2	Acidize w/ 500 gal 15% MCA	
Perf_Material_3	Squeezed w/ 50 sxs Common	Acidize w/ 500 gal 15% MCA
Perf_Material_4	Acidized w/ 500 gal 15% MCA	Squeezed w/ 50 sxs Common
Perf_Material_5		Acidized w/ 500 gal 15% MCA

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Perf_Record_2	4287-90' & 4194-96'	CIBP @ 4340'
Perf_Record_3	4194-96'	4287-90' & 4194-96'
Perf_Record_4	4164-68	4194-96'
Perf_Record_5		4164-68
Perf_Shots_2	4	
Perf_Shots_3		4
Perf_Shots_4	4	
Perf_Shots_5		4
Save Link	../../../../kcc/detail/operatorEditDetail.cfm?docID=1055538	../../../../kcc/detail/operatorEditDetail.cfm?docID=1072147