

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Farm ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 33993  
Name: QUEST ENERGY, LLC  
Address: 2732 North Reese Road  
City/State/Zip: Brookville, KS 67425  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Tracy Hynes  
Phone: (785) 283-4249  
Contractor: Name: Discovery Drilling Co., Inc.  
License: 31548  
Wellsite Geologist: Francis Whisler

Designate Type of Completion:

New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, 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./SWD  
 Plug Back  Plug Back Total Depth  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)  Docket No. \_\_\_\_\_  
8/3/09 8/9/09 8/10/09  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 167-23,589-00-00  
County: Russell  
90° N & 180° W of  
SE NW NE Sec. 6 Twp. 15 S. R. 14W  East  West  
900 feet from  N (circle one) Line of Section  
1830 feet from  E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one)  NE  SE  NW  SW  
Lease Name: MUDD "A" Well #: 1

Field Name: Gorham  
Producing Formation: LKC

Elevation: Ground: 1734 Kelly Bushing: 1742

Total Depth: 3250 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 606 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cm.  
(30sks In Rat Hole)(15sks In Mouse Hole)

Drilling Fluid Management Plan AH I NR 12-11-09  
(Data must be collected from the Reserve Pit)

Chloride content 16,000 ppm Fluid volume 240 bbls

Dewatering method used Hauled free fluids

Location of fluid disposal if hauled offsite:

Operator Name: H & W OIL COMPANY

Lease Name: Boxberger "A"1 License No.: 33700

Quarter NW Sec. 32 Twp. 13 S. R. 14W  East  West

County: Russell Docket No.: D-23,310

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: [Signature]  
Title: Manager Date: 11/25/09  
Subscribed and sworn to before me this 25 day of November,  
2009.  
Notary Public: Barbara J. Shannon  
Date Commission Expires: 03-07-2012

BARBARA J. SHANNON  
Notary Public - State of Kansas  
My Appt. Expires

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

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Quality Oilwell Cementing Inc.

740 W WICHITA  
P.O. Box 32  
Russell, KS 67665

# Invoice

Date	Invoice #
8/13/2009	1812

<b>Bill To</b>
QUEST ENERGY 2732 N REESE RD BROOKEVILLE KS 67425

P.O. No.	Terms	Project

Item	Description	Qty	Rate	Amount
55	common	180	11.00	1,980.00T
15	Salt	23	12.50	287.50T
4	handling	203	2.00	406.00
5	MILEAGE CHARGE	1	250.00	250.00
46	5 1/2 turbo centralizers	6	50.00	300.00T
25	5 1/2 rubber plug	1	63.00	63.00T
32	AFU insert 5 1/2	1	150.00	150.00T
33	guide shoe 5 1/2	1	169.00	169.00T
19	Mudclear	500	0.80	400.00T
67	PRODUCTION STRING	1	750.00	750.00
13	pump truck mileage charge	8	6.00	48.00
6	discount if paid within 30 days DISCOUNT HAS ALREADY BEEN DEDUCTED	670	-1.00	-670.00T
6	discount if paid within 30 days DISCOUNT HAS ALREADY BEEN DEDUCTED	291	-1.00	-291.00
LEASE: MUDD A WELL #1 RUSSELL COUNTY				

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Thank you for your business. Dave

<b>Subtotal</b>	\$3,842.50
<b>Sales Tax (7.3%)</b>	\$195.60
<b>Total</b>	\$4,038.10
<b>Payments/Credits</b>	\$0.00
<b>Balance Due</b>	\$4,038.10

**PAID**  
Date 9/18/09 CK# 1214



Quality Oilwell Cementing Inc.

740 W WICHITA  
P.O. Box 32  
Russell, KS 67665

# Invoice

Date	Invoice #
8/5/2009	1801

<b>Bill To</b>
QUEST ENERGY 2732 N REESE RD BROOKEVILLE KS 67425

P.O. No.	Terms	Project

Item	Description	Qty	Rate	Amount
55	common	250	10.00	2,500.00T
58	GEL	5	17.00	85.00T
14	Calcium	9	42.00	378.00T
4	handling	264	2.00	528.00
5	MILEAGE CHARGE	1	250.00	250.00
37	8 5/8 solid rubber plug	1	90.00	90.00T
28	surface pipe 500-1500ft	1	600.00	600.00
13	pump truck mileage charge	11	6.00	66.00
6	discount if paid within 30 days DISCOUNT HAS ALREADY BEEN DEDUCTED	611	-1.00	-611.00T
6	discount if paid within 30 days DISCOUNT HAS ALREADY BEEN DEDUCTED	289	-1.00	-289.00
MUDD LOCATION RUSSELL COUNTY LEASE: MUDD A WELL #1				

**PAID**

Thank you for your business. Date 9/8/09 CK# 1208

<b>Subtotal</b>	\$3,597.00
<b>Sales Tax (7.3%)</b>	\$178.27
<b>Total</b>	\$3,775.27
<b>Payments/Credits</b>	\$0.00
<b>Balance Due</b>	\$3,775.27

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# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 0011

Date	8/1/09	Sec.	6	Twp.	15	Range	11	County		State		On Location		Finish	
Lease	N 11 A1			Well No.				Location							
Contractor								Owner							
Type Job								To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Hole Size				T.D.				Charge To							
Csg.				Depth				To							
Tbg. Size				Depth				Street							
Drill Pipe				Depth				City				State			
Tool				Depth				The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.				Shoe Joint				<b>CEMENT</b>							
Press Max.				Minimum				Amount Ordered							
Meas Line				Displace				Common				250 @ 10.00			
Perf.								Poz. Mix							
<b>EQUIPMENT</b>								Gel.				5 @ 17.00			
Pumptrk		No.	Cementer				Calcium				9 @ 42.00				
			Helper				Mills								
Bulktrk		No.	Driver				Salt								
			Driver				Flowseal								
Bulktrk		No.	Driver												
			Driver												
<b>JOB SERVICES &amp; REMARKS</b>															
Pumptrk Charge				SFC				600.00							
Mileage				11 @ 6.00				66.00							
Footage															
				Total				666.00				Handling			
												264 @ 2.00			
Remarks:								Mileage				250.00			
								Pump Truck Charge				666.00			
<b>FLOAT EQUIPMENT</b>															
								Guide Shoe							
								Centralizer							
								Baskets							
								AFU Inserts				90.00			
								<b>RECEIVED</b>							
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								<b>KCC WICHITA</b>							
								Rotating Head							
								Squeez Mainfold							
												Tax			
												Discount			
												Total Charge			
X Signature															

FRANCIS C. WHISLER

Certified Petroleum Geologist  
837 E. First St.  
Russell, Kansas 67665

GEOLOGICAL REPORT FOR  
QUEST ENERGY. LLC.  
2732 N. Reese Rd.  
Brookville, Kansas 67425  
Lic. No. 33993

MUDD A-1  
900' FNL & 1830' FEL  
of sec. 6, T 15 S, R 14 W  
Russell County, Kansas  
API No. 167-23589-00-00

August 21, 2009

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GEOLOGICAL REPORT FOR  
QUEST ENERGY, LLC.  
2732 N. Reese Rd.  
Brookville, Ks. 67425

GEOLOGICAL REPORT: Mudd A-1  
900' FNL & 1830' FEL  
Sec. 6, T 15 S, R 14 W  
Russell Co., Kansas

CONTRACTOR: Discovery Drilling, Inc.  
Hsys, Kansas  
Lic. No. 31548

DRILLING COMMENCED: Aug. 3, 2009

DRILLING COMPLETED: Aug. 10, 2009

CASING RECORD: 8 5/8" surface casing set at  
606' with 250 sacks cement  
5 1/2" production casing set at  
3248' with 150 sacks cement.

SAMPLES: Saved and examined from 2250' to  
3250', RTD. Zones of interest are  
described in this report. Samples  
will be sent to the Kansas Sample  
Bureau, 4150 Monroe, Wichita, Ks.

DRILLING TIME: Recorded and plotted from 2250'  
to 3250', RTD.

DRILLSTEM TESTS: 4 by Trilobite Testing, Inc.  
Hays, Kansas

ELECTRIC LOGS: Superior Well Service, Hays, Ks.  
Radiation-Guard-Caliper and  
Micro Log.

elevations; Kelly Bushing: 1742'  
Ground Level: 1734  
Measurements From: K. B.

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MUDD A-1

FORMATION TOPS:	ROTARY DEPTHS:	E. LOG DEPTHS:	E. LOG DATUMS:
Anhydrite	759-92	760-96	+ 982
Grand Haven Lime	2312	2310	- 568
Dover Lime	no pick	2340	- 598
Tarkio Lime	2382	2383	- 641
Elmont Lime	2442	2443	- 701
Topeka Lime	2645	2646	- 904
Heebner Shale	2870	2870	-1128
Toronto Lime	2888	2888	-1146
Lansing-Kansas City	2928	2930	-1188
Base of Kansas City	3164	3165	-1423
Arbuckle Dolomite	3180	3180	-1438
Total Depth	3250	3250	-1508

LITHOLOGY: Zones of interest & test data (corrected to E. Log Depths):

TARKIO SANDS:

1st. Tarkio Sand: 2326-30: SS-samples circulated at 2330 showed sandstone; very fine grained, slight micaceous with rare brown oil stain. No free oil or odor.

2nd. Tarkio Sand: 2344-2362 samples circulated at 2360 showed increase in very fine grained gray to pale green sandstone, slight micaceous with rare brown oil stain. No free oil or odor.

3rd. Tarkio Sand: Interval from 2404-36 shows sandstone as above with trace of oil stain. Interval broken by shales. No free oil or odor. No value.

TOPEKA LIME:

2646-2652: LS-light gray, buff crystalline with slight porosity and minor trace of brown oil stain. No free oil or odor.

2822-2830: LS-white, buff and light gray, dense and cherty. Trace of light brown oil stain. No free oil or odor.

2836-2842; LS-more white, more chalky with trace of light brown oil stain. Fair porosity.

TORONTO LIME:

2892-2895: LS-white, dense to trace of fossil porosity with minor trace of light brown oil stain. No free oil or odor.

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LITHOLOGY, cont...

LANSING-KANSAS CITY:

- 2930-2942: LS-white, mostly dense with rare light oil stain. No  
A zone free oil or odor.
- 2952-2958: LS-white, off white, fossil porosity with scattered  
B zone light oil stain. Fair quick odor. Slight show of  
free oil. Tested by drillstem test #1.
- 2968-2976: LS-white, oolitic and oolitic with fair porosity,  
C zone rare scattered oil stain. Faint odor and slight  
show of free oil. Porous on RA log, but no perm-  
eability. Tested by drillstem test #1.

DRILLSTEM TEST No. 1: 2935 to 2975:

Tool open: 30 min. with weak surface blow thru-out.  
Tool shut in: 45 min.  
Tool open: 15 min. No blow  
Final shut in not taken

Recovery: 40' slight oil cut mud 1% oil  
Initial Flow Pressures: 13-26 psi  
Initial Bottom Hole Pressure: 809 psi  
Final Flow pressures: 28-31 psi

- 3003-3008: LS-white, dense partly oolitic with rare scattered oil stain  
E zone faint odor and slight show of free oil. Tested by drill-  
stem test #2.

- 3010-3018; LS-white, dense to slight fossil porosity, scattered light  
F zone and dark oil stain. Fair odor and slight show of free  
oil. Tested by drillstem test #2.

DRILLSTEM TEST No. 2: 2988 to 3018:

Tool open: 30 min. with weak surface blow throughout  
Tool shut in: 60 min.  
Tool open: 60 min. with weak blow to 2 3/4".  
Tool shut in: 60 min.

Recovery: 125 ft. of gas in pipe  
55 ft. of heavily oil and gas cut mud  
10% gas, 20% oil & 70% mud

Initial flow pressures: 13-33 psi  
Initial Bottom hole Pressure: 739 psi  
Final flow pressures: 23-35 psi  
Final bottom hole Pressure: 694 psi

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LITHOLOGY, cont...

- 3024-3038: LS-white, oolitic and barren, water bearing.  
G zone
- 3072-3076: LS-white, light gray, dense to slight fossiliferous  
H zone and trace of oolitic porosity. Minor trace of dark oil stain. No free oil or odor.
- 3088-3100: LS-white, light gray, dense with minor trace dark oil  
I zone stain with no free oil or odor.
- 3110-3134: LS-white, light gray, dense with no oil stain noted.  
J zone
- 3144-3165: LS-white, some buff, dense to few pieces of fossilif-  
K zone erous lime and oolitic porosity. Rare light brown oil stain with fair odor and trace of free oil. Tested by drillstem test #3. Good log porosity & permeability 3149-53.

DRILLSTEM TEST No. 3: 3126 to 3160:

Tool open: 30 min. with weak blow increasing to good,  
8 1/4" blow.

Tool shut in: 60 min.

Tool open: 60 min. with strong blow, off bottom of  
bucket in 1 min. Good blow back on shut in.

Tool shut in: 60 min.

Recovery: 525 ft. of gas in pipe  
30 ft. of muddy gassy oil, 10% gas,  
50% oil & 40% mud  
60 ft. of gassy muddy oil. 50% gas,  
40% oil & 10% mud

Initial Flow pressures: 15-30 psi

Initial bottom hole press. 981 psi

Final flow pressures: 23-46 psi

Final bottom hole press: 923 psi

- 3165-3178: SH-abundant black, gray, brown and pale green shales  
with small amount of clear, fine grained, rounded  
sand grains and fine clusters. Good strong oil odor  
and minor show of oil stain and free oil. This inter-  
thought to be Gorham Sand from 3176-78. Tested by  
drillstem test #4.

DST #4 on next page.

LITHOLGY, cont...

DRILLSTEM TEST No. 4: 3155 to 3178:

Tool open: 30 min. with surface blow, dead in 13 min.

Tool shut in: 30 min.

Tool open: 10 min. no blow

Final shut in not taken.

Recovery: 1 ft. of mud with specks of oil

Initial Flow pressures: 12-12 psi

Initial Bottom Hole Press: 19 psi

Final Flow pressures: 12-14 psi

ARBUCKLE DOLOMITE:

3180-3183: Samples circulated at 3183 showed DOL-white, fine crystalline, slight porosity and also dense, with fine, clear rounded sand inclusions and unconsolidated sand grains. Only a minor amount of black oil stain was noted with no free oil or odor. Dolomite with sand and sand inclusions persisted throughout the Arbuckle to the total depth of 3250.

REMARKS & RECOMMENDATIONS:

The top of the Lansing-Kansas City (-1188) and the top of the Arbuckle (-1438) compare very favorably when compared to the other wells drilled on the lease, whether abandoned producers or dry holes:

During the drilling of the well, many zones of oil stain and porosity were noted as described in the lithology of this report. The zones that appeared to have commercial importance by this geologist are: The K zone, the F zone, the B zone and the Toronto Lime. Of lesser importance are the H zone and the very upper Arbuckle.

For completion, I recommend that the following zones be perforated and tested:

The K zone	3150-3153
The F zone	3012-3018
The B zone	2954-2958

At some later date, I recommend the following zones be perforated and tested for remotely possible production:

The H zone	3072-3076
Arbuckle	3180-3182

Respectfully submitted;

*Francis C. Whisler*

Francis C. Whisler

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