

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1  
September 1999  
Form Must Be Typed

Operator: License # 31796  
 Name: Quest Energy Service, Inc.  
 Address: P.O. Box 100  
 City/State/Zip: Benedict, KS 66714  
 Purchaser: Quest Energy Service, Inc.  
 Operator Contact Person: Dick Cornell  
 Phone: (620) 698-2250  
 Contractor: Name: James D. Lorenz  
 License: 9313  
 Wellsite Geologist: Dick Cornell  
 Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     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. \_\_\_\_\_  

<u>7-20-03</u>	<u>7-21-03</u>	<u>7-23-03</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-25984-0000  
 County: Neosho  
NW/4 SE/4 Sec. 13 Twp. 29 S. R. 17  East  West  
2310 feet from  S  N (circle one) Line of Section  
2310 feet from  E  W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE  SE  NW  SW  
 Lease Name: Jim Holtzman Well #: 13-1  
 Field Name: Cherokee Basin CBM  
 Producing Formation: \_\_\_\_\_  
 Elevation: Ground: 985 Kelly Bushing: \_\_\_\_\_  
 Total Depth: 1214 Plug Back Total Depth: 1174  
 Amount of Surface Pipe Set and Cemented at 25 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 1174  
 feet depth to surface w/ 190 sx cml.  
 Drilling Fluid Management Plan Dec 11 11.19.03  
 (Data must be collected from the Reserve Pit)  
 Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
 Dewatering method used air drilled  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: \_\_\_\_\_  
 Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
 County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

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**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2076, 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: *Dick Cornell*  
 Title: Compliance Officer Date: 10/16/03  
 Subscribed and sworn to before me this 16 day of October  
2003  
 Notary Public: *Pamela A. Graves*  
Pamela G. Graves  
 Date Commission Expires: 6-04-05

**KCC Office Use ONLY**

Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**PAMELA G. GRAVES**  
 Notary Public - State of Kansas  
 My Appt. Expires 6/4/05

Operator Name: Quest Energy Service, Inc. Lease Name: Jim Holtzman Well #: 13-1  
 Sec. 13 Twp. 29 S. R. 17  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 copy of all Electric Wireline 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  
 (Submit Copy)

List All E. Logs Run: DIL/CDL/CNL/Temp  
cased hole GR/N

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Altamont Lime	452	+533
Pawnee Lime	553	+432
Oswego Lime	638	+347
Riverton Coal	1078	-93
Mississippi	1104	-119

CASING RECORD <input 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	11.25	8.625	24.75	25'	"A"	6	None
Production	6.75	4.50	10.50	1174	"A"	190	4% Gel. 2% CAL
							CHL. OWC

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
____ Perforate				
____ Protect Casing				
____ Plug Back TD				
____ Plug Oil 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
	not completed		
	waiting on pipeline		

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas  Ventd  Sold  Used on Lease (If vented, Sumit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dusty Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

James D. Lorenz  
543-A 22000 Rd.  
Cherryvale, KS 67335  
620-328-4433

DRILLER LOG  
QUEST ENERGY

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JIM HOLTZMAN #13-1  
API#15-133-25984-0000  
SEC. 13, T29, R17E  
NEOSHO CO, KS

0-25	DIRT	7-20-03 Drilled a 11 1/4" hole and set 25'
25-40	SHALE	of 8 5/8" surface pipe and set with 6 sx.
40-58	LIME	of Portland cement.
58-83	SHALE	
83-87	BLACK SHALE	7-21-03 Started drilling 6 3/4" hole
87-90	SAND (WATER)	
90-123	SHALE	7-21-03 Finished drilling to T.D. 1214'
123-125	LIME	
125-135	SHALE	
135-137	LIME	
137-160	SHALE	
160-240	LIME	
240-247	BLACK SHALE (WATER)	
247-260	SAND (WATER)	
260-290	LIME	285' GAS TEST 0" ON 1/2" ORIFICE
290-295	BLACK SHALE (WATER)	
295-359	LIME	310' GAS TEST 2" ON 1/2" ORIFICE
359-416	SHALE	
416-432	LIME	
432-445	SHALE	
445-466	LIME	
466-516	SHALE	
516-526	SANDY SHALE	
526-539	SHALE	536' GAS TEST 2" ON 1/2" ORIFICE
539-548	LIME BLACK	
548-549	COAL	
549-587	LIME	561' GAS TEST 11" ON 1/2" ORIFICE
587-589	SHALE	
589-590	BLACK SHALE	
590-600	LIME	
600-602	BLACK SHALE	
602-610	SHALE	
610-636	SANDY SHALE	612' GAS TEST 9" ON 1/2" ORIFICE
636-659	LIME (ODOR)	654' GAS TEST 13" ON 1/2" ORIFICE
659-661	BLACK SHALE	
661-662	COAL	
662-666	BLACK SHALE	666' GAS TEST 16" ON 1/2" ORIFICE
666-674	LIME	
674-675	SHALE	
675-676	COAL	
676-677	SHALE	
677-687	LIME	687' GAS TEST 25" ON 1/2" ORIFICE
687-751	SANDY SHALE	
751-752	COAL	
752-771	SAND	762' GAS TEST 19" ON 1/2" ORIFICE
771-772	LIME	
772-775	BLACK SHALE	

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775-776	COAL	
776-848	SHALE	787' GAS TEST 18" ON 1/2" ORIFICE
848-878	SANDY SHALE	
878-880	SHALE	
880-881	COAL	
881-893	SANDY SHALE	
893-910	SAND	
910-911	BLACK SHALE	
911-912	COAL	
912-920	BLACK SHALE	913' GAS TEST 18" ON 1/2" ORIFICE
920-925	SAND	
925-930	SHALE / SANDY	
930-935	SAND (ODOR)	
935-936	SANDY SHALE	
936-963	SHALE / SAND	938' GAS TEST 19" ON 1/2" ORIFICE
963-1074	SHALE	963' GAS TEST 23" ON 1/2" ORIFICE
1074-1080	BLACK SHALE	
1080-1083	COAL	
1083-1084	SHALE	
1084-1086	COAL	
1086-1087	SHALE	
1087-1089	COAL	1089' GAS TEST 30" ON 1/2" ORIFICE
1089-1097	SHALE	
1097-1126	MISSISSIPPI (ODOR)	1100-1104 OIL
1126-1139	GREEN SHALE	1114' GAS TEST 25" ON 1/2" ORIFICE
1139-1149	DARK BROWN LIME	
1149-1155	BLUE LIME	
1155-1170	BROWN LIME	1164' GAS TEST 20" ON 1/2" ORIFICE
1170-1214	WHITE LIME	1214' GAS TEST 20" ON 1/2" ORIFICE
	<b>1214' T.D.</b>	