

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. _____
7-25-03 7-28-03 8-4-03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 205-25635-0000
County: Wilson
SE/4 Sec. 27 Twp. 29 S. R. 17 ☒ East ☐ West
600 feet from S N (circle one) Line of Section
1900 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 #: 27-1
Field Name: Cherokee Basin CBM
Producing Formation: Summit/Mulky Shales
Elevation: Ground: 877 Kelly Bushing: _____
Total Depth: 1089 Plug Back Total Depth: 1069
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 1069
feet depth to surface w/ 190 sx cml.
Drilling Fluid Management Plan *ALL 11 WELLS 11-14-03*
(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.: _____

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: *[Signature]*
Title: Compliance Officer Date: 10/16/03
Subscribed and sworn to before me this 16th day of October,
2003. *[Signature]*
Notary Public: Pamela G. Graves
Date Commission Expires: 6-04-05

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

KCC Office Use ONLY

☒ Letter of Confidentiality Attached
If Denied, Yes ☐ Date: _____
☒ Wireline Log Received
☒ Geologist Report Received

UIC Distribution

Operator Name: Quest Energy Service, Inc. Lease Name: Jim Holtzman Well #: 27-1
 Sec. 27 Twp. 29 S. R. 17 ☒ East ☐ West County: Wilson

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: CDL/DIL/CNL/Temp
 cased hole GR/N

☐ Log Formallon (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Altamont Lime	365	+512
Pawnee Lime	498	+379
Oswego Lime	571	+306
Riverton Coal	1017	-140
Mississippi Lime	1035	-158

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
Surface	11.25"	8.625	24.75	25'	"A"	5	None
Production	6.75	4.50	10.5	1069	"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 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
3	591'-598' Summit Shale	Fractured: 110sx 20/40 sand	
3	606'-612' Mulky Shale	60 sx 12/20 sand, 550 Bbls.	
		2% KCL water and 15lb. gel.	
TUBING RECORD		Liner Run ☐ Yes ☐ No	
Date of First, Resumed Production, SWD or Enhr.		Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls. -0-	Gas Mcf 25	Water Bbls. 75
		Gas-Oil Ratio	Gravity

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, Submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

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

DRILLER LOG
QUEST ENERGY

RECEIVED
OCT 20 2003
KCC WICHITA

JIM HOLTZMAN #27-1
API#15-205-25635-0000
SEC. 27, T29, R17E
WILSON CO, KS

0-5	DIRT
5-15'	SANDSTONE
15-65	SHALE
65-137	LIME
137-140	SHALE BLACK
140-162	LIME W/SHALE
162-165	SHALE BLACK
165-195	LIME
195-205	SHALE BLACK
205-270	LIME
270-275	SHALE BLACK
275-328	SHALE
328-334	LIME
334-461	SANDY SHALE
461-489	SAND
489-491	LIME
491-496	SHALE BLACK
496-529	LIME PINK
529-565	SHALE
565-591	OSWEGO LIME
591-597	SHALE BLACK
597-607	LIME
607-611	SHALE BLACK
611-613	LIME
613-652	SHALE
652-692	SHALE
692-693	LIME
693-729	SHALE
729-731	COAL
731-835	SHALE
835-840	SAND ODOR
840-860	SAND
860-880	SAND BROWN/LT.SHOW
880-933	SHALE
933-935	COAL
935-958	SHALE
958-960	COAL
960-962	SHALE
962-964	COAL
964-1016	SHALE
1016-1018	COAL
1018-1032	SHALE
1032-1089	MISSISSIPPI

1089' T.D.

7-25-03 Drilled a 11 1/4" hole and set 25'
of 8 5/8" surface pipe and set with 5 sx.
of Portland cement.

7-28-03 Started drilling 6 3/4" hole

7-28-03 Finished drilling to T.D. 1089'

160' GAS TEST 0" ON 1/2" ORIFICE

205' WATER

210' GAS TEST 0" ON 1/2" ORIFICE

285' GAS TEST 0" ON 1/2" ORIFICE

489' SLIGHT BLOW

511' SLIGHT BLOW

526' GAS TEST 2" ON 1/2" ORIFICE

536' GAS TEST 4" ON 1/2" ORIFICE

597' GAS TEST 34" ON 1/2" ORIFICE

Sunny

610' 1' COAL & WATER INCREASE

612' GAS TEST 45" ON 1/2" ORIFICE

Muley

712' GAS TEST 21" ON 1/2" ORIFICE

737' GAS TEST 16" ON 1/2" ORIFICE

838' GAS TEST 18" ON 1/2" ORIFICE

863' GAS TEST 20" ON 1/2" ORIFICE

888' GAS TEST 18" ON 1/2" ORIFICE

958' PICK UP WATER

963' GAS TEST 39" ON 1/2" ORIFICE

Rowe

967' GAS TEST 38" ON 1/2" ORIFICE

1020' GAS TEST 55" ON 1/2" ORIFICE

1038' GAS TEST 55" ON 1/2" ORIFICE

Riverton