

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

SIDE ONE

API NO. 15-

133-25653-0000

CONFIDENTIAL

County Neosho

SW - SW - NE - NW Sec. 7 Twp. 30 Rge. 18 X E W

4160 Feet from S N (circle one) Line of Section

3660 Feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE NW or SW (circle one)

Lease Name Hougardy Well # 4

Field Name South Thayer

Producing Formation Mulky/Summit

Elevation: Ground 1040 KB

Total Depth 837' PBDT 810'

Amount of Surface Pipe Set and Cemented at 21 Feet

Multiple Stage Cementing Collar Used? Yes X No

Yes, show depth set Feet

If Alternate II completion, cement circulated from 809

feet depth to surface w/ 130 sx cmt.

Drilling Fluid Management Plan Well BH 7.18.02
(Data may be collected from the Reserve Pit)

Chloride content N/A 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 Rng. E/W

County Docket No.

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: MOKAT

License: 5831

Wellsite Geologist: None

Designate Type of Completion
X New Well Re-Entry Workover

X Oil SWD SLOW Temp. At
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator:

Well Name:

Comp. Date Old Total Depth

 Deepening Re-perf. Conv. to Inj/SWD

 Plug Back PBDT

 Commingled Docket No.

 Dual Completion Docket No.

 Other (SWD or Inj?) Docket No.

01-13-01 01-15-01 01-16-01

Spud Date Date Reached TD Completion Date

RELEASED

MAY 10 2002

FROM CONFIDENTIAL

CONSERVATION DIVISION

KANSAS CORPORATION COMMISSION

MAY 10 2002

MAY 10 2002

MAY 10 2002

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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 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 on 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 4/30/01

Subscribed and sworn to before me this 30th day of April, 2001

Notary Public *Pamela G. Graves*

Date Commission Expires 6/4/2001 Pamela G. Graves

K.C.C. OFFICE USE ONLY	
F	<u>X</u> Letter of Confidentiality Attached
C	<u>X</u> Wireline Log Received
C	<u>NO</u> Geologist Report Received
Distribution	
<u> </u> KCC	<u> </u> SWD/Sec
<u> </u> KGS	<u> </u> NGPA
<u> </u> Other (Specify)	

Operator Name Quest Energy Service, Inc. Lease Name Hougary Well # 4
 Sec. 7 Twp. 30S Rge. 18 ☒ East ☐ West
 County Neosho

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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: GR-N

☒ Log Formation (Top), Depth and Datums ☒ Sample

Name	Top	Datum
Altamont Lime	469	+571
Pawnee Lime	603	+437
Oswego Lime	680	+360
Summit Shale/Coal	703	+337
Mulky Shale/Coal	720	+320
Verdigris Lime	709	+242

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"	8 5/8"	24.75	21'	"A"	6	None
Production	6 3/4"	4 1/2"	9.5	808'	"A"	130	60/40 Poz 80 lbs Salt 50 lbs Gilsonite

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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
Three	703 - 710 3 1/8" DML-HSC 22 shots	Fractured with 100 sx, 20/40 mesh sand, 450 hbl. 100lb gelled
Three	720-726 3 1/8" DML-HSC 19 shots	2% KCL water.

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8	735		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	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: METHOD OF COMPLETION

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

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Conmingled

☐ Other (Specify) _____

Production Interval