

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 33168
Name: WOOLSEY OPERATING COMPANY, LLC
Address: 125 N. Market, Suite 1000
City/State/Zip: Wichita, Kansas 67202-1775
Purchaser: Plains Marketing
Operator Contact Person: Dean Pattison, Operations Manager
Phone: (316) 267-4379 ext 107
Contractor: Name: Clarke Corporation
License: 5105

Wellsite Geologist: n/a
Designate Type of Completion: 59-03
 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: Rupe Oil Company

Well Name: Howard 1
Original Comp. Date: 10/20/85 Original Total Depth: 3900'

Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. 00 050301
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

2/12/2002 03/16/2002
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 155-21072 0001
County: Reno (100' E of NE NW NW)
100' E NE NW NW Sec. 21 Twp. 23 S. R. 10 East West
330' FNL feet from S / (N) (circle one) Line of Section
1090' FWL feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: Howard Well #: 1
Field Name: Zenith Peace Creek

Producing Formation: Viola & Lansing
Elevation: Ground: 1780' Kelly Bushing: 1785'
Total Depth: 3900' Plug Back Total Depth: 3700'
Amount of Surface Pipe Set and Cemented at already at 210' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
 Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan Wolow in 5-15-03
(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 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 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]
Dean Pattison
Title: Operations Manager Date: May 7, 2003

Subscribed and sworn to before me this 7th day of May,
20 03

Notary Public: [Signature]
Date Commission Expires: March 15, 2006 My Appt. Exp. _____

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

✓

X

Operator Name: WOOLSEY OPERATING COMPANY, LLC Lease Name: Howard Well #: 1
 Sec. 21 Twp. 23 S. R. 10 East West County: Reno (100' E of NE NW NW)

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:

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 see original ACO (copy attached)

Copy of zones of interest attached

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	# Sacs Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	20#	210'	Poz mix	175	3% cc
Production	7-7/8"	4-1/2"	9.5#	3888'	Lite/50/50 poz	25 / 175	

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
4 SPF	3714-3724' (Simpson); CIBP @ 3700	Acid: 7.5% NEFe; Frac 10,000# sd, 12,000 gal Ultravis 25	3471-3724'
4 SPF	3400-3404', 3470-3476', 3500-3504' (Lansing)	Acid: 3200 gal 15% DSFe Frac: 19,000# sand, 12,000 gal Ultravis 25	3400-504'OA 3400-504'OA
		Acid: 2000 gal 15% NEFe	3470-76'
6 SPF	3626-3636' (Viola)	Acid: 1500 gal 7.5% Fe; Frac: 18,000# sand	3626-36'

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	3654'	none	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		Producing Method			
March 16, 2002		<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	1.0	10	5		

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

METHOD OF COMPLETION Open Hole Perforated Dually Comp. Commingled Viola and Lansing

Production Interval