

Was: Helman 12-24
Is: Helman P 13-24

* (Amended) Name Change

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33190
Name: Noble Energy, Inc.
Address: 1625 Broadway, Suite 2200
City/State/Zip: Denver, CO, 80202
Purchaser: _____
Operator Contact Person: Jennifer Barnett
Phone: (303) 228-4235
Contractor: Name: Excell
License: 8273
Wellsite Geologist: J. Corry Timsmon

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>3/19/05</u>	<u>3/23/05</u>	<u>7/7/05</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 181-20369-0000
County: Sherman
NW NE NW SW Sec. 24 Twp. 6 S. R. 40 East West
2514' feet from (S) N (circle one) Line of Section
782' feet from E (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: Helman P Well #: 13-24
Field Name: Wildcat

Producing Formation: Beecher Island
Elevation: Ground: 3637' Kelly Bushing: 3650'
Total Depth: 1520' Plug Back Total Depth: 1477'
Amount of Surface Pipe Set and Cemented at 429 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to 441 - 20M^{w/} - 12/12/07 sx cmt.

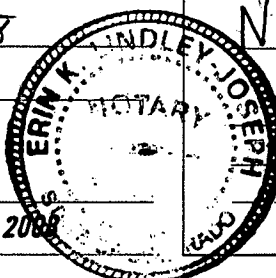
Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)
Chloride content 7800 ppm Fluid volume 365 bbls
Dewatering method used evaporation/shale shaker
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 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: Jennifer Barnett
Title: Permit Representative Date: 5/12/08
Subscribed and sworn to before me this 13th day of May
08
Notary Public: Erin K. Lindley, Joseph
Date Commission Expires: My Commission Expires Aug. 20, 2008



KCC Office Use ONLY
Letter of Confidentiality Received Date: _____
RECEIVED
KANSAS CORPORATION COMMISSION
Wireline Log Received _____
Geologist Report Received **MAY 14 2008**
UIC Distribution _____
CONSERVATION DIVISION
WICHITA, KS

Operator Name: Noble Energy, Inc. Lease Name: Helman P Well #: 13-24
 Sec. 24 Twp. 6 S. R. 40 East West County: Sherman

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:

**Platform Express Triple Combo; Array Induction w/
 Linear Correlation; Compensated Neutron Litho Density;
 Micro Resistivity; Neutral Gamma Ray; Dipole Sonic**

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Sharon Springs	1078'	
Niobrara	1248'	
Beecher Island	1281'	
Niobrara	1520'	

Cores: 1050'-1138'; 1138'-1192'; 1192'-1200'; and 1222'-1351'.

Cored total of 166.9', recovered 144.9' of the 166.9' for an 87% recovery.

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	12-1/4"	8-5/8"	24#	429'	Common	160 sx	3% CaCl, 2% gel
Production	7-7/8"	4-1/2"	9.5#	1517'	Type III	145 sx	2% CaCl, 1/4#sk/flocele

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
2 spf	1281' - 1308'	4/22/05	5/18/05 500 gal 7-1/2% acid
			frac w/ 48,250 gals gel, 100,000# 16-30 sand
			and 225,000 scf N2

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	1332'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr. 7/9/05 well SI w/o pipeline Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		43	30		

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Other (Specify) u 17 Production Interval Dually Comp. Commingled

