Kansas Corporation Commission Oil & Gas Conservation Division

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIG	INALOCEA	nd
Cleman	September 1999 Form Must Be Typed	O
6/10/08		

Operator: License #6766	API No. 15 - 037,21964-0000
Name: N & W Enterprises, Inc	County: Crawford
Address: 1111 S Margrave	S/2 - S/2 - NW - Sec. 29 Twp. 28 S. R. 22 V East West
City/State/Zip: Fort Scott, KS 66701	2970feet from (S) / N (circle one) Line of Section
Purchaser: Plains Marketing, LLC	3960 feet from E),/ W (circle one) Line of Section
Operator Contact Person: Tom Norris	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 223-6559	(circle one) NE SE NW SW
Contractor: Name: Hat Drilling, LLC	Lease Name: Hammerbacher Well #: Inj 4
License: 33734	Field Name: Walnut SE
Wellsite Geologist:	Producing Formation: Bartlesville
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 435 Plug Back Total Depth: 430
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 20 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 430
Operator:	feet depth to Top (60 sx cmt.
Well Name:	
Original Comp. Date:Original Total Depth:	Drilling Fluid Management Plan V (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride contentppm Fluid volumebbls
Plug Back Plug Back Total Depth	Dewatering method used
Commingled Docket No	
Dual Completion Docket No.	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No.	Operator Name:
03/26/2008 03/27/2008 03/27/2008	Lease Name: License No.:
Spud Date or Recompletion Date Date Reached TD Recompletion Date Completion Date or Recompletion Date	Quarter Sec Twp S. R
Kansas 67202, within 120 days of the spud date, recompletion, workow Information of side two of this form will be held confidential for a period of the same state.	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. I2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulation are complete and correct to the best of my knowledge.	ate the oil and gas industry have been fully complied with and the statements
Signature: / Steman X 9 (sur)	KCC Office Use ONLY
Title: President Date: 05/31/2008	Letter of Confidentiality Received
Subscribed and sworn to before me this 318t day of May	If Denied, Yes Date:
0008	Wireline Log Received
Notary Public: Vucinia & Marris	Geologist Report Received RECEIVED KANSAS CORPORATION COMMISSION
2 301 00	JUN 0 6 2008
Date Commission Expires: 5-30-07	JOIN 8 8 ZOO

COUNTY PUBLIC - STATE OF RESEARCH

CONSERVATION DIVISION WICHITA, KS

Side Two Operator Name: N & W Enterprises, Inc Hammerbacher Lease Name: County: Crawford 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 **✓** Log Formation (Top), Depth and Datum Sample (Attach Additional Sheets) Name Datum Samples Sent to Geological Survey Yes Bartlesville 390 400 Cores Taken Yes Electric Log Run ✓ Yes (Submit Copy) List All E. Logs Run: Gamma Ray Neutron CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc. Size Casing Size Hole Setting Type of # Sacks Type and Percent Purpose of String Set (In O.D.) Drilled Lbs. / Ft. Depth Additives Surface 12" 8" 6.4 20 5 Portland #1 N/A **Production** 5 5/8 27/8 6.7 430 Portland #1 60 N/A ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement #Sacks Used Type and Percent Additives Top Bottom Perforate **Protect Casing** Plug Back TD Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth 2 shots per ft 390-400 390-400 120 gals acid, 10 sack frac TUBING RECORD Set At Packer At Liner Run ✓ No Yes 430 N/A Date of First, Resumerd Production, SWD or Enhr. **Producing Method** Other (Explain) Flowing Pumping Gas Lift

Estimated Production

Per 24 Hours

Vented Sold ✓ Used on Lease

(If vented, Submit ACO-18.)

Disposition of Gas

Oil

N/A

Bbls.

METHOD OF COMPLETION

Gas

Open Hole

Other (Specify)

N/A

Mcf

✓ Perf.

Water

Dually Comp.

N/A

Bbls.

Production Interval

Commingled _____KANSAS_CORPORATION_COMMISSION

Gas-Oil Ratio

CONSERVATION DIVISION WICHITA, KS

JUN 0 6 2008

RECEIVED

Gravity

64

1111 S. Margrave

Fort Scott, KS 66701

620-223-6559

TREATMENT REPORT & FIELD TICKET CEMENT

DATE			LEASE NA	ME					
5/31/200	8		Hammerba	cher			•		
SECTION	TOW	NSHIP	NSHIP RANGE COUNTY		,	SPOT LOCATION			WELL #
29		28	22	Crawford	i	\$2-\$2-NW-	2970 feet from South Line	3960 feet from East Line	Inj 4
Job Type: Long String Hole Size: 5 5/5				Hole Depth: 435 Casing Size & Weight: 2 7/8					
Casing Depth:	430)	Drill Pipe:	No. of the Control of		Tubing:	Oth	er:	
Slurry Weight: Slurry Vol:		*** **	Water gal/sk: Cement Left in Casing:						
Displacement PSI:			Mix PSI: Rate:						
Remarks: Established circulation to flush hole, circulated cement to surface, flushed pump clean, pumped rubber plug to bottom shut in pressure 700 lbs.									
Quantity		Desc	ription	of Servic	e				
60 sacks	0 sacks Portland #1 cement								
	-						#	· <u>.</u>	

RECEIVED KANSAS CORPORATION COMMISSION

JUN 0 6 2008

CONSERVATION DIVISION WICHITA, KS

Authorization:	Title:	Date: