

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 # 8729
Name: Hertel Oil Co.
Address: 704 East 12th
City/State/Zip: Hays, KS 67601
Purchaser: Cooperative Refining, LLC
Operator Contact Person: David Hertel
Phone: (785) 628-2445
Contractor: Name: A & A Production
License: 80076

Wellsite Geologist: Randall Kilian

Designate Type of Completion:

New Well Re-Entry Workover
 Oil SWD SIOW 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>10-9-2000</u>	<u>10-17-2000</u>	<u>11-20-2000</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 051-25056-00-00

County: Ellis

~~Ap-N~~ ^{NW NE} ~~SW-NE~~ Sec. 31 Twp. 13 S. R. 17 East West

1520 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: Wiesner Well #: 4

Field Name: Younger

Producing Formation: Arbuckle & Lansing

Elevation: Ground: 2038 Kelly Bushing: 2043

Total Depth: 3618 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 207 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1278 Feet

If Alternate II completion, cement circulated from 1278

feet depth to surface w/ 180 sx cmt.

ALT II SB S-4-01

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content 24,000 ppm Fluid volume 2600 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator: _____

License No.: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Docket No.: _____

CONSERVATION DIVISION
WICHITA, KS

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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: _____

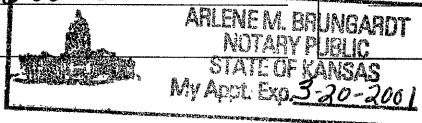
Title: Co-owner Date: Jan, 2, 2001

Subscribed and sworn to before me this 2 day of January

2001.

Notary Public: Arlene M. Brungardt

Date Commission Expires: 3-20-2001



KCC Office Use ONLY

Letter of Confidentiality Attached

If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

Operator Name: Hertel Oil Co. Lease Name: Wiesner Well #: 4
 Sec. 31 Twp. 13 S. R. 17 East West County: Ellis

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy) List All E. Logs Run: <u>Radiation guard</u> <u>sonic cement bond</u> <u>(included)</u>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Included---see attached sheet
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ORIGINAL

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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	# Sacjs Used	Type and Percent Additives
Surface Pipe	12 1/4	8 5/8	28	207'	60/40Poz.	140	
Prod. string	7 7/8	4 1/2	10.5	3571'	ASC	180	2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Surface	60/40Poz.	350	6% gel
	1278' port	collar		

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	3346' - 3350'	1500 gallons 15%	
2	3366' - 3370'	1500 gallons 15%	

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TUBING RECORD	Size Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
	2 3/8 3604'		

JAN 08 2001

Date of First, Resumerd Production, SWD or Enhr. <u>November 22, 2000</u>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift
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CONSERVATION DIVISION
WICHITA, KS

Estimated Production Per 24 Hours	Oil Bbls. <input checked="" type="checkbox"/> 60bbls	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease (If vented, Sumit ACO-18.)
 Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____