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KCC WICHITA

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 33625
Name: Hertel Oil Co., LLC
Address: 704 East 12th.
City/State/Zip: Hays, Ks. 67601
Purchaser: NCRA
Operator Contact Person: David Hertel
Phone: (785) 628-2445
Contractor: Name: Landmark Drilling LLC
License: 33549
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. _____

5-19-2006 5-28-2006 6-27-2006
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 051-25537-00-00
County: Ellis
NE NWSW Sec. 34 Twp. 12 S. R. 17 East West
2310' feet from S / N (circle one) Line of Section
990' feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: E. Schmidt Well #: 1
Field Name: Schmeidler SE
Producing Formation: arbuckle

Elevation: Ground: 2063' Kelly Bushing: 2070'
Total Depth: 3695' Plug Back Total Depth: ---
Amount of Surface Pipe Set and Cemented at 220'-160sx Feet/cem.
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1263' Feet
If Alternate II completion, cement circulated from 1263'
feet depth to surface w/ 200 sacks 60/40-6% gel ATF - Dlg - 11/20/08 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 51,000 ppm Fluid volume 400 bbls
Dewatering method used evaporation
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.

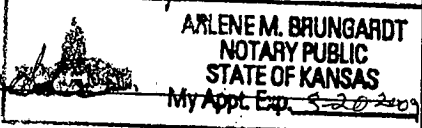
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Carl F. Hertel

Title: managing member Date: 8-1-2006

Subscribed and sworn to before me this 7th day of August

2006
Notary Public: Arlene M. Brungardt



Date Commission Expires: 3-20-2009

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., LLC Lease Name: E. Schmidt Well #: # 1
 Sec. 34 Twp. 12 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 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: All logs enclosed

Log Formation (Top), Depth and Datum Sample

Name Top Datum

see attached sheet

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	# Sacs Used	Type and Percent Additives
surface	12 1/4"	8 5/8"		218'	common	160	2%gel 13%CC
production	7 7/8"	5 1/2"	14	3595'	common	175	ASC / 10% salt

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-1263'	60/40 poz	200	6%gel/ with 50# flo seal well also has cathodic protection

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 per ft.	ar buckle 3597-3602/3607-3611	used 500 gallons mud acid	
surface	12 1/4" 8 5/8"	218' common 160	2% gel 13% CC
production	7 7/8"		

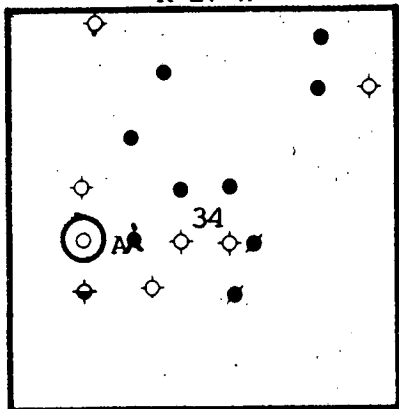
TUBING RECORD	Size	Set At	Packer At	Liner Run
2 3/8" /	2 3/8"	3618'		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method			
June 27, 2006	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	13		158	

Disposition of Gas **METHOD OF COMPLETION** Production Interval 29-30

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

FORMATION TOPS & STRUCTURAL GEOLOGY

R 17 W



REFERRED TO:

- A: STAAB OIL CO.
- Herb Schmidt Ap NW NE SW 34
- B: _____
- C: _____
- D: _____
- E: _____

STRATIGRAPHIC MARKERS	SUBJECT WELL		STRUCTURAL POSITION					
	SAMPLE	E. LOG	DATUM	A	B	C	D	E
Anhydrite	1249'	1264'	+ 805	+ 812	-7			
Base	1288'	1300'	+ 770	+ 774	-4			
Howard	3031'	3024'	- 954	- 953	-1			
Topeka	3051'	3042'	- 972	- 970	-2			
Heeb. Sh.	3292'	3284'	-1214	-1212	-2			
Toronto	3311'	3303'	-1233	-1232	-1			
Lansing	3337'	3330'	-1260	-1259	-1			
Base Kc.	3563'	3562'	-1492	-1494	+2			
Arbuckle	3594'	3591'	-1521'	-1525'	+4			
TD	3700'	3695'	-1625	-1611				

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*Structural position of subject well as compared to referred well.

ALLIED CEMENTING CO., INC. 24383

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell

DATE <u>5/28/06</u>	SEC. <u>34</u>	TWP. <u>12</u>	RANGE <u>17</u>	CALLED OUT <u>1:00AM</u>	ON LOCATION <u>2:00AM</u>	JOB START	JOB FINISH <u>5:00AM</u>
LEASE <u>Schmidt</u>	WELL # <u>1</u>	LOCATION <u>Cathrine 1E 2N</u>			COUNTY <u>Ellis</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR landmark

TYPE OF JOB Prod Csg

HOLE SIZE 17 1/2 T.D. 3700'

CASING SIZE 5 1/2 DEPTH 3

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 43

PERFS.

DISPLACEMENT 89.666

OWNER

CEMENT

AMOUNT ORDERED

17 5/8 Cem 10% Salt

500 Gal WFR 2

COMMON	<u>175</u>	@	<u>10.65</u>	<u>1863.75</u>
POZMIX		@		
GEL		@		
CHLORIDE		@		
ASC		@		
<u>Salt</u>	<u>17</u>	@	<u>19.20</u>	<u>326.40</u>
<u>WFR-2</u>	<u>500 Gals</u>	@	<u>1.00</u>	<u>500.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>192</u>	@	<u>1.90</u>	<u>364.80</u>
MILEAGE	<u>8 1/2 / SK / MILE</u>			<u>384.00</u>
TOTAL				<u>3438.95</u>

EQUIPMENT

PUMP TRUCK CEMENTER Bill

398 HELPER Greg

BULK TRUCK

DRIVER Doug

BULK TRUCK

DRIVER

REMARKS:

pipe w/c 36.97

Shoe Jt. 43

Insert 36.54

pump 500 Gal WFR 2

Cem w/c 160 pump plus w/c 89.666

Land plug c 2700 float did hold

1 Sal RH

CHARGE TO: Heetel Oil

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 1610.00

EXTRA FOOTAGE @

MILEAGE 25 @ 5.00 125.00

MANIFOLD @

RECEIVED @

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CCWICH

TOTAL 1735.00

PLUG & FLOAT EQUIPMENT

<u>1- 5 1/2 Rubber plug</u>	@	<u>65.00</u>
<u>1- Cement Retainers</u>	@	<u>50.00</u>
<u>1- Post Collar</u>	@	<u>175.00</u>
<u>1- Guide shoe</u>	@	<u>165.00</u>
<u>1- In Seal</u>	@	<u>250.00</u>
<u>2- R ASP Per</u>		<u>150.00</u>
<u>Cap</u>		<u>300.00</u>
TOTAL		<u>2875.00</u>

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Ann W. ...

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME

ALLIED CEMENTING CO., INC. 24321

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

DATE <u>6-7-06</u>	SEC. <u>34</u>	TWP. <u>12</u>	RANGE <u>17</u>	CALLED OUT <u>12:01 PM</u>	ON LOCATION <u>1:45 AM</u>	JOB START <u>2:00 PM</u>	JOB FINISH <u>3:45 PM</u>
LEASE <u>SCHMIDT</u>	WELL # <u>1</u>	LOCATION <u>CATHERINE 2 E 2 1/2 N 1/4 E</u>		COUNTY <u>ELLI'S</u>	STATE <u>KANSAS</u>		
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Express Well Service

TYPE OF JOB PORT COLLAR (CIRC CEMENT)

HOLE SIZE 7 7/8 T.D. 3695

CASING SIZE 5 1/2 DEPTH 3691

TUBING SIZE 8 5/8 SURFACE DEPTH 214

DRILL PIPE DEPTH

TOOL PORT COLLAR DEPTH @ 1263

PRES. MAX 1,000# MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 488L

OWNER

CEMENT (USED 200 SK)

AMOUNT ORDERED 350 SK 60/40 6% GEL

1/4" # F10-SEAL PER SK

EQUIPMENT

PUMP TRUCK CEMENTER Glenn

398 HELPER GARY

BULK TRUCK

362 DRIVER Kyle

BULK TRUCK

DRIVER

COMMON	<u>120</u>	@	<u>1065</u>	<u>1278.00</u>
POZMIX	<u>80</u>	@	<u>500</u>	<u>464.00</u>
GEL	<u>10</u>	@	<u>165</u>	<u>166.50</u>
CHLORIDE		@		
ASC		@		
<u>FLOSEA</u>	<u>50#</u>	@	<u>200</u>	<u>100.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>368</u>	@	<u>190</u>	<u>699.20</u>
MILEAGE	<u>28 Ton Mile</u>			<u>824.32</u>
TOTAL				<u>3532.02</u>

REMARKS:
TEST CSQ. TO 1,000# (HELD) OPEN PORT COLLAR & RECEIVED GOOD CIRCULATION MIXED 200 SK CEMENT & CEMENT CIRC. TO SURFACE, AROUND ANNULAS, DISP. 488L CLOSE PORT COLLAR, RECTECK TO 1,000# (HELD) RAN 7 JTS & WASHED CLEAN. CAME OUT OF HOLE W/ OPENING TOOL.
THANK'S

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SERVICE

STATE REP. ON LOCATION,
KCC, RODGER MOSES,

CHARGE TO: HERTEL Oil Co.

STREET _____

CITY _____ STATE _____ ZIP _____

KCC WICHITA

DIRECTION OF JOB		
PUMP TRUCK CHARGE		<u>955.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>28</u>	@	<u>500</u> <u>140.00</u>
MANIFOLD	@	
<u>5 1/2 Opening Tool</u>	@	<u>-NC-</u>
TOTAL		<u>1095.00</u>

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
	@	
TOTAL		

To Allied Cementing Co., Inc.

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SIGNATURE [Signature]

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

David F Hertel
PRINTED NAME

ALLIED CEMENTING CO., INC. 25620

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

DATE <u>5-19-06</u>	SEC. <u>34</u>	TWP. <u>12</u>	RANGE <u>17</u>	CALLED OUT <u>5:00pm</u>	ON LOCATION <u>6:00am</u>	JOB START <u>6:45am</u>	JOB FINISH <u>7:15pm</u>
LEASE <u>Schmidt</u>	WELL # <u>1</u>	LOCATION <u>CATHERINE 2E 2N</u>		COUNTY <u>Ellis</u>	STATE <u>KANSAS</u>		
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR LAND MARK

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 220

CASING SIZE 8 5/8 New DEPTH 218'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 13 / BBL

EQUIPMENT

PUMP TRUCK # 398 CEMENTER Mark HELPER Jody

BULK TRUCK # 213 DRIVER Kyle Travis

BULK TRUCK # DRIVER

REMARKS:

Cement
CIRCULATED
Shake

CHARGE TO: HERTEL Oil Co.

STREET _____

CITY _____ STATE _____ ZIP _____

OWNER _____

CEMENT AMOUNT ORDERED 160 SK Com

2% GEL

3% CC

COMMON	<u>160</u>	@	<u>1065</u>	<u>1704.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>1665</u>	<u>4995</u>
CHLORIDE	<u>5</u>	@	<u>4660</u>	<u>23300</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
HANDLING <u>V.S</u>		@	<u>190</u>	<u>319.20</u>
MILEAGE <u>28 Ton Mile</u>		@		<u>376.32</u>
TOTAL				<u>268247</u>

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE 815.00

EXTRA FOOTAGE @ _____

MILEAGE 28 @ 5.00 140.00

MANIFOLD @ _____

RECEIVED @ _____

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TOTAL 955.00

PLUG & FLOAT EQUIPMENT

8 5/8 Wiper Plug 60.00

@ _____

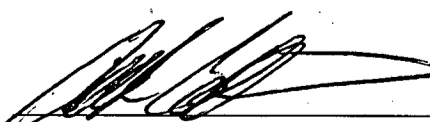
@ _____

@ _____

@ _____

TOTAL 60.00

To Allied Cementing Co., Inc.
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SIGNATURE 

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME