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KCC WICHITA

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM

Form ACO-1
September 1999
Form Must Be Typed

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 8729

Name: HERTEL OIL COMPANY

Address: 704 East 12th Street

City/State/Zip: Hays, KS 67601

Purchaser: _____

Operator Contact Person: David Hertel

Phone: (785) 628-2445

Contractor: Name: Discovery Drilling Co., Inc.

License: 31548

Wellsite Geologist: Randall Kilian

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. _____

9/12/01 9/16/01 9/17/01

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 051-25,108-0000

County: Ellis

100 S. of NE SE - NW Sec. 31 Twp. 13 S. R. 17 W East West

1750 feet from S / (N) (circle one) Line of Section

2970 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) (NE) SE NW SW

Lease Name: Braun Well #: 1

Field Name: Younger

Producing Formation: None

Elevation: Ground: 2050 Kelly Bushing: 2058

Total Depth: 3622 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 211.96 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan P+H KJR 8/8/07
(Data must be collected from the Reserve Pit)

Chloride content 18,000 ppm Fluid volume 320 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: _____

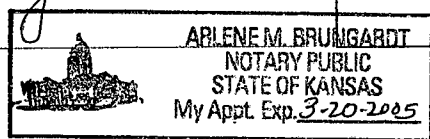
Title: co-owner/operator Date: November 5, 2001

Subscribed and sworn to before me this 5th day of November

2001

Notary Public: Arlene M. Brungardt

Date Commission Expires: 3-20-2005



KCC Office Use ONLY

Letter of Confidentiality Attached

If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

X

Operator Name: HERTEL OIL COMPANY Lease Name: BRAUN Well #: 1
 Sec. 31 Twp. 13 S. R. 17W 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> 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 <i>(Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum (see enclosed sheet)
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CASING RECORD <input checked="" 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 Pipe	12 1/4	8 5/8	20	211.96	Common	145	2%Gel&3%CC

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

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.			Producing Method <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

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

ALLIED CEMENTING CO., INC.

ORIGINAL
09915

Federal Tax I.D.

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

SERVICE POINT:

Russell

DATE <u>9-12-01</u>	SEC. <u>31</u>	TWP. <u>13</u>	RANGE <u>17</u>	CALLED OUT <u>5:30 P.M.</u>	ON LOCATION <u>6:30 P.M.</u>	JOB START <u>7:00 P.M.</u>	JOB FINISH <u>7:30 P.M.</u>
LEASE <u>BRAUN</u>	WELL # <u>1</u>	LOCATION <u>Toulon #1-70 IN 1W15</u>		COUNTY <u>ELLIS</u>	STATE <u>KANSAS</u>		
OLD OR NEW (Circle one)							

CONTRACTOR Discovery Drilling

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 213

CASING SIZE 2 5/8 DEPTH 211

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15

PERFS.

DISPLACEMENT

OWNER SAME

CEMENT

AMOUNT ORDERED 145 Sks Com
290 GEL 370 CC

COMMON	<u>145</u>	@	<u>665</u>	<u>964 25</u>
POZMIX		@		
GEL	<u>2</u>	@	<u>10 00</u>	<u>20 00</u>
CHLORIDE	<u>5</u>	@	<u>30 00</u>	<u>150 00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>152</u>	@	<u>1 10</u>	<u>167 20</u>
MILEAGE	<u>44 SK</u>	/MILE		<u>139 84</u>

EQUIPMENT

PUMP TRUCK CEMENTER P. Davis

153 HELPER Jason

BULK TRUCK DRIVER

DRIVER Darin

RECEIVED

NOV 21 2001

KCC WICHITA SERVICE

TOTAL 1441 29

REMARKS:

CEMENT CIL

THANKS

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>520 00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>23</u>	@	<u>3 00</u>
PLUG		@	<u>15 00</u>
		@	
		@	

TOTAL 634 00

CHARGE TO: Hertel Oil

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

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 Carl P. Huff

PRINTED NAME

ALLIED CEMENTING CO., INC.

09877

Federal Tax I.D.#

ORIGINAL

SERVICE POINT:

K

TO P.O. BOX 31
RUSSELL, KANSAS 67665

DATE <u>9-16-01</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>9:30pm</u>	JOB START <u>10:30pm</u>	JOB FINISH <u>12:45Am</u>
LEASE <u>Brown</u>	WELL # <u>1</u>	LOCATION <u>Hays 1E</u>		COUNTY <u>Ellis</u>	STATE <u>Ks</u>		
OLD OR NEW (Circle one)							

CONTRACTOR Discovery Drilling #1

TYPE OF JOB Flt

HOLE SIZE 7 7/8 T.D. 3622

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL 4 1/2 DEPTH 1325

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER

CEMENT AMOUNT ORDERED 200 4/40 6% gel
1/4 lb flt seal/stk

COMMON	<u>120</u>	@	<u>6.65</u>	<u>798.00</u>
POZMIX	<u>80</u>	@	<u>3.55</u>	<u>284.00</u>
GEL	<u>10</u>	@	<u>10.00</u>	<u>100.00</u>
CHLORIDE		@		
<u>Flt Seal</u>	<u>50</u>	@	<u>1.40</u>	<u>70.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>212</u>	@	<u>1.10</u>	<u>233.20</u>
MILEAGE	<u>44 1/2</u>	@	<u>4.15</u>	<u>186.50</u>
RECEIVED				TOTAL <u>1671.70</u>

EQUIPMENT

PUMP TRUCK CEMENTER Mark

345 HELPER Ron

BULK TRUCK

213 DRIVER Dean

BULK TRUCK

DRIVER

NOV 21 2001

KCC WICHITA SERVICE

REMARKS:

<u>25 1/4 c</u>	<u>1325</u>
<u>100 1/4 c</u>	<u>775</u>
<u>40 1/4 c</u>	<u>265</u>
<u>10 1/4 c</u>	<u>40</u>
<u>15 1/4 c</u>	<u>Bottle</u>
<u>10 1/4 c</u>	<u>Mouthhole</u>

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>520.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>2.2</u>	@	<u>3.00</u>
PLUG	<u>8 5/8 Dryhol</u>	@	<u>23.00</u>
		@	
		@	
TOTAL <u>609.00</u>			

CHARGE TO: Hertel Oil

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		
TOTAL _____			

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TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Thomas Al

Thomas Al
PRINTED NAME