

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

5/18/11

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 8914

Name: H & C Oil Operating, Inc.

Address 1: P.O. Box 86

Address 2: _____

City: Plainville State: KS Zip: 67663 + _____

Contact Person: Charles R. Ramsay

Phone: (785) 434-7434

CONTRACTOR: License # 33493

Name: American Eagle Drilling, LLC

Wellsite Geologist: Marc Downing

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil SWD SIOW
- Gas ENHR SIGW
- CM (Coal Bed Methane) Temp. Abd.
- 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. Conv. to SWD

Plug Back: _____ Plug Back Total Depth _____

Commingled Docket No.: _____

Dual Completion Docket No.: _____

Other (SWD or Enhr.?) Docket No.: _____

3/26/10 4/6/10 4/6/10

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - 065-23629-00-00

Spot Description: _____

SW NE NW SW Sec. 18 Twp. 8 S. R. 21 East West

2150 Feet from North / South Line of Section

700 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County: Graham

Lease Name: Kraus Well #: 18-1

Field Name: Unknown

Producing Formation: none

Elevation: Ground: 2045 Kelly Bushing: 2050

Total Depth: 3662 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 259 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 PANJ SDS 10
(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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: Charles R. Ramsay

Title: President Date: 5/14/10

Subscribed and sworn to before me this 14th day of May

20 10

Notary Public: Irene Fellhoelter

Date Commission Expires: _____

KCC Office Use ONLY

- Letter of Confidentiality Received
- If Denied, Yes Date: _____
- Wireline Log Received e-logs
- Geologist Report Received
- UIC Distribution

RECEIVED
MAY 21 2010

NOTARY PUBLIC - State of Kansas
IRENE FELLHOELTER
My Appt. Expires 4/4/11

KCC WICHITA

Operator Name: H & C Oil Operating, Inc. Lease Name: Kraus Well #: 18-1
 Sec. 18 Twp. 8 S. R. 21 East West County: Graham

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)

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Top Anhydrite	1575	+475
Base Anhydrite	1607	+443
Topeka	3021	-971
Heebner	3234	-1184
Toronto	3256	-1206
LKC	3270	-1220
BKC	3471	-1421
Arbuckle	3620	-1570

List All E. Logs Run:

Borehole compensated sonic log, Dual induction, Microresistivity log, dual compensated porosity

Submitted electronically

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	# Sacks Used	Type and Percent Additives
surface	12 1/4"	8 5/8"	23#	262	60/40	180	3%cc, 2% gel

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				

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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

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TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or Enhr. _____ Producing Method: Flowing Pumping Gas Lift Other (Explain) _____

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

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

ALLIED CEMENTING CO., LLC. 33892

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

SERVICE POINT:
Russell KS

DATE <u>3-26-10</u> <u>3-27-10</u>	SEC. <u>18</u>	TWP. <u>8</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START <u>11:45pm</u>	JOB FINISH <u>12:15am</u>
LEASE <u>Kraus</u>	WELL # <u>18-1</u>		LOCATION <u>Bogue KS South to P Terr Rd</u>		COUNTY <u>Graham</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>2 West South info.</u>				

CONTRACTOR American Eagle #3 OWNER _____

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 262' CEMENT AMOUNT ORDERED 180 60/40 3% cc 2% Gel

CASING SIZE 8 5/8 DEPTH 262'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM COMMON 108 @ 13.50 1458.00

MEAS. LINE SHOE JOINT POZMIX 72 @ 7.55 543.60

CEMENT LEFT IN CSG. 15' GEL 3 @ 20.25 60.75

PERFS. CHLORIDE 6 @ 51.50 309.00

DISPLACEMENT 15.7 Bbl ASC @ _____

EQUIPMENT @ _____

PUMP TRUCK CEMENTER John Roberts @ _____

417 HELPER Glenn @ _____

BULK TRUCK @ _____

410 DRIVER John @ _____

BULK TRUCK @ _____

DRIVER @ _____

HANDLING 90 @ 2.25 202.50

MILEAGE 110/50/mi @ _____ 360.00

TOTAL 2933.85

REMARKS:

Est. Circulation

Mix 180sk Cement

Displace w/ 15.5 Bbl H₂O

Cement Did Circulate

Thank You!

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 991.00

EXTRA FOOTAGE @ _____

MILEAGE 40 @ 7.00 280.00

MANIFOLD @ _____

@ _____

@ _____

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TOTAL 1271.00

CHARGE TO: H&C Oil Operating

STREET _____

CITY _____ STATE _____ ZIP _____

KCC WICHITA PLUG & FLOAT EQUIPMENT

@ _____

@ _____

@ _____

@ _____

@ _____

TOTAL _____

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____

TOTAL CHARGES _____

PRINTED NAME _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Bradford Parker

AL

ALLIED CEMENTING CO., LLC. 041349

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

SERVICE POINT:

Russell KS
 7:00 AM 7:30 AM
 7:05 AM 7:30 AM
 COUNTY GRAHAM STATE KANSAS

DATE <i>4-6-2010</i>	SEC. <i>18</i>	TWP. <i>8</i>	RANGE <i>21</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASEE <i>KRAVS</i>		WELL # <i>18-1</i>		LOCATION <i>Bogue 2W 145 INT</i>		COUNTY	STATE
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR *AMERICAN EAGLE Rig # 3*

TYPE OF JOB *ROTARY PLUG*

HOLE SIZE *7 7/8* T.D. *3600*

CASING SIZE *8 5/8 SURFACE* DEPTH *2*

TUBING SIZE DEPTH

DRILL PIPE *4 1/2 X-11* DEPTH *3600*

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER

CEMENT

AMOUNT ORDERED *2 30 SX 100 40 4% GEL*
1/4 # FLO SEAL FOR SX

COMMON	<i>138</i>	@	<i>13.50</i>	<i>1863.00</i>
POZMIX	<i>92</i>	@	<i>7.55</i>	<i>694.60</i>
GEL	<i>8</i>	@	<i>20.25</i>	<i>162.00</i>
CHLORIDE		@		
ASC		@		
<i>FL. Seal 57</i>		@	<i>2.45</i>	<i>139.65</i>

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HANDLING *115* @ *2.25* *258.75*

MILEAGE *110/SK/MI* *460.00*

TOTAL *3578.00*

REMARKS:

25 SK @ 3600'
25 SK @ 1590'
100 SK @ 820'
40 SK @ 310'
10 SK @ 40'
30 SK @ RAT Hole

THANKS

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE *875.00*

EXTRA FOOTAGE @

MILEAGE *40* @ *7.00* *280.00*

MANIFOLD @

TOTAL *1155.00*

CHARGE TO: *H & C OPERATING INC.*

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

8 5/8 DRY Hole wiper Plug N-C

@ _____

@ _____

@ _____

@ _____

@ _____

TOTAL _____

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 You are hereby requested to rent cementing equipment and furnish cement and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME _____

SIGNATURE *Bradford Parker*

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

RECEIVED
MAY 21 2010
KCC WICHITA