

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 15-065-22772-00-00
County Graham
C -S/2 - NE - SW Sec. 31 Twp. 7 Rge. 24 X W

Operator: License # 31668
Name: H&H Investments
Address 3115 Hall Street

1650 Feet from S (circle one) Line of Section
1980 Feet from E (circle one) Line of Section

City/State/Zip Hays, KS 67601

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or S (circle one)

Purchaser: CR LLC

Lease Name Cummings Well # 3

Operator Contact Person: Ron Cummings

Field Name Dripping Springs

Phone (785) 625-7202

Producing Formation Tansing-KC

Contractor: Name: White & Ellis

Elevation: Ground 2460 KB 2465

License: _____

Total Depth 4245 PBDT 4225

Wellsite Geologist: Ken Vehige

Amount of Surface Pipe Set and Cemented at 209 Feet

Designate Type of Completion
 New Well Re-Entry Workover

Multiple Stage Cementing Collar Used? Yes No

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If yes, show depth set 2039' Feet

If Alternate II completion, cement circulated from 2039'

feet depth to surface w/ 500 sx cmt.

Drilling Fluid Management Plan Att. 2-2-7-00 WC
(Data must be collected from the Reserve Pit)

Chloride content 900 ppm Fluid volume 150 bbls

Dewatering method used Allowed to air dry

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W _____

County _____ Docket No. _____

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

7/24/96 7/30/96 8/20/96
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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.

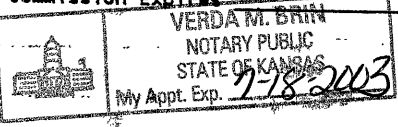
Signature Bert M. Brun
Title Operator Date 1-27-00

Subscribed and sworn to before me this 27th day of January, 2000

Notary Public Verdam Brun

Date Commission Expires 7-18-2003

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)



Operator Name H & H Investments Lease Name Cummings Well # 3

Sec. 31 Twp. 7s Rge. 24 East West County Graham

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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:
R.A. Guard

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Anhydrite	2168	+297
Topeka	3512	-1047
Heebner	3716	-1251
Lansing KC	3754	-1289

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	20#	209'	60/40 poz	150	
Production	7 7/8	5 1/2	N/A	4200	50/50 poz	500	6% cel 1/4 # flo seal
						125	

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
4	3881-85	communicated
	3918-22	treat both w/ 2000 gals acid

TUBING RECORD Size 2 7/8 Set At 3950 Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 9/15/96 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	3		10		38

Disposition of Gas: Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify)

METHOD OF COMPLETION Production Interval

(If vented, submit ACD-18.)

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Test Ticket

No 9310

Well Name & No. Cumminas #3 Test No. #2 Date 7-28-96
 Company H&H Investments Zone Tested K.C. "F"
 Address 3115 Hall St. Hays, Ks 67601 Elevation 2469 KB 2464 GL
 Co. Rep / Geo. Ken Vehige Cont. White & Ellis Drilling Rig #9 Est. Ft. of Pay Por. %
 Location: Sec. 32 Twp. 7s Rge. 24w Co. Graham State Ks
 No. of Copies 1 Distribution Sheet (Y, N) N Turnkey (Y, N) N Evaluation (Y, N) N

Interval Tested 3813 to 3840 Initial Str Wt./Lbs. 41,000 Unseated Str Wt./Lbs. 41,000
 Anchor Length 27' Wt. Set Lbs. 24,000 Wt. Pulled Loose/Lbs. 74,000
 Top Packer Depth 3808 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Bottom Packer Depth 3813 Wt. Pipe I.D. — 2.7 Ft. Run
 Total Depth 3840 Drill Collar — 2.25 Ft. Run
 Mud Wt. 9.0 LCM 7# Vis. 47 WL 10.2 Drill Pipe Size 4 1/2 X 1 1/8 I.D. Ft. Run 3814
 Blow Description I.F. - Went immediately to 2 1/4", then backed off slowly to surface blow
I.S.I. - No blow back
F.F. - No blow, flush tool, weak surface blow - pull tool 2-7-00 uc.

Recovery — Total Feet	Ft. in DC	Ft. in WP	Ft. in DP
<u>35</u>	<u>4</u>	<u>4</u>	<u>35</u>
Rec. <u>35</u> Feet Of <u>Mud</u>	%gas	%oil	%water <u>100</u> %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water <u> </u> %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water <u> </u> %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water <u> </u> %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water <u> </u> %mud

BHT 113 °F Gravity °API D@ °F Corrected Gravity °API
 RW @ °F Chlorides ppm Recovery Chlorides 600 ppm System
 (A) Initial Hydrostatic Mud 1855 PSI Recorder No. 11086 T-Started 1630
 (B) First Initial Flow Pressure 63 PSI @ (depth) 3815 T-Open 1730
 (C) First Final Flow Pressure 42 PSI Recorder No. 10994 T-Pulled 1848
 (D) Initial Shut-in Pressure 202 PSI @ (depth) 3837 T-Out 2000
 (E) Second Initial Flow Pressure 85 PSI Recorder No.
 (F) Second Final Flow Pressure 117 PSI @ (depth)
 (G) Final Shut-in Pressure PSI Initial Opening 30 Test
 (H) Final Hydrostatic Mud 1823 PSI Initial Shut-in 30 Jars

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow 18 Safety Joint
 Final Shut-in Straddle
 STATE CORPORATION COMMISSION
 Circ. Sub
 Sampler
 Extra Packer
 Elect. Rec.
 Other
 TOTAL PRICE \$

Approved By [Signature]
 Our Representative [Signature]

RECEIVED
 JAN 31 2000
 JAN 31, 2000
 CONSERVATION DIVISION
 Wichita, Kansas

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Test Ticket

Nº 9311

Well Name & No. Cummings #3 Test No. #3 Date 7-29-96
 Company H+H Investments Zone Tested K.C. "H+J"
 Address 3115 Hall St. Hays, Ks. 67601 Elevation 2469 KB 2469 GL
 Co. Rep / Geo. Ken Vehige Cont. White Ellis Drig Rig #9 Est. Ft. of Pay Por. %
 Location: Sec. 32 Twp. 7s Rge. 24w Co. Graham State Ks
 No. of Copies normal Distribution Sheet (Y, N) N Turnkey (Y, N) N Evaluation (Y, N) N

Interval Tested 3862 to 3925 Initial Str Wt./Lbs. 43,000 Unseated Str Wt./Lbs. 45,000
 Anchor Length 63' Wt. Set Lbs. 24,000 Wt. Pulled Loose/Lbs. 76,000
 Top Packer Depth 3857 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Bottom Packer Depth 3862 Wt. Pipe I.D. — 2.7 Ft. Run
 Total Depth 3925 Drill Collar — 2.25 Ft. Run
 Mud Wt. 9.2 LCM 5# Vis. 47 WL 10" Drill Pipe Size 4 1/2 X 1 1/8 I.D. Ft. Run 3906
 Blow Description I.F. - Went immediately to 3/4", then backed off and died in 17 1/2 min.
I.S.I. - No blowback
F.F. - No blow, Flush Tool, No Blow, - Pull Tool - 2-7-00 uc

Recovery — Total Feet	Ft. in DC	Ft. in WP	Ft. in DP
<u>45</u>	<u> </u>	<u> </u>	<u>45</u>
Rec. <u>45</u> Feet Of <u>Mud w/ oil trace</u>	%gas <u>2</u>	%oil <u> </u>	%water <u>98</u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u>

BHT 115 °F Gravity °API D@ °F Corrected Gravity °API
 RW @ °F Chlorides ppm Recovery Chlorides 550 ppm System
 (A) Initial Hydrostatic Mud 1919 PSI Recorder No. 11086 T-Started 0800
 (B) First Initial Flow Pressure 95 PSI @ (depth) 3899 T-Open 0922
 (C) First Final Flow Pressure 74 PSI Recorder No. 10994 T-Pulled 1025
 (D) Initial Shut-in Pressure 468 PSI @ (depth) 3922 T-Out 1145
 (E) Second Initial Flow Pressure 127 PSI Recorder No.
 (F) Second Final Flow Pressure PSI @ (depth)
 (G) Final Shut-in Pressure PSI Initial Opening 30 Test
 (H) Final Hydrostatic Mud 1876 PSI Initial Shut-in 30 Jars
 Final Flow 3 Safety Joint
 Final Shut-in Straddle

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RECEIVED
 STATE CORPORATION COMMISSION

JAN 31 2000
 JAN 31 2000
 CONSERVATION DIVISION
 Wichita, Kansas

Approved By [Signature] Extra Packer
 Our Representative [Signature] Elect. Rec.
 Other
 TOTAL PRICE \$

Test Ticket

No 9309

Well Name & No. Cummings #3 Test No. #1 Date 7-28-96
 Company H+H Investments Zone Tested K.C. "F"
 Address 3115 Hall St. Hays, Ks 67601 Elevation 2469 KB 2464 GL
 Co. Rep / Geo. Burt Hayes Cont. White & Ellis Drilling #9 Est. Ft. of Pay Por. %
 Location: Sec. 32 Twp. 7s Rge. 24w Co. Graham State Ks
 No. of Copies Normal Distribution Sheet (Y, N) N Turnkey (Y, N) N Evaluation (Y, N) N

Interval Tested 3813 to 3840 Initial Str Wt./Lbs. Unseated Str Wt./Lbs.
 Anchor Length 27' Wt. Set Lbs. Wt. Pulled Loose/Lbs.
 Top Packer Depth 3808 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Bottom Packer Depth 3813 Wt. Pipe I.D. — 2.7 Ft. Run
 Total Depth 3840 Drill Collar — 2.25 Ft. Run
 Mud Wt. LCM Vis. WL Drill Pipe Size 4 1/2" / 3" I.D. Ft. Run 3814

Blow Description (Mist run) (slid tool 1/2 stands, then mud fell away on backside - no return - pull tool)

Recovery — Total Feet	Ft. in DC	Ft. in WP	Ft. in DP	%gas	%oil	%water	%mud
Rec. <u> </u> Feet Of <u> </u>							
Rec. <u> </u> Feet Of <u> </u>							
Rec. <u> </u> Feet Of <u> </u>							
Rec. <u> </u> Feet Of <u> </u>							

BHT °F Gravity °API D@ °F Corrected Gravity °API
 RW @ °F Chlorides ppm Recovery Chlorides ppm System

(A) Initial Hydrostatic Mud PSI Recorder No. 11086 T-Started 0700
 (B) First Initial Flow Pressure PSI @ (depth) 3815 T-Open
 (C) First Final Flow Pressure PSI Recorder No. 10994 T-Pulled
 (D) Initial Shut-in Pressure PSI @ (depth) 3837 T-Out 0900
 (E) Second Initial Flow Pressure PSI Recorder No.
 (F) Second Final Flow Pressure PSI @ (depth)
 (G) Final Shut-in Pressure PSI Initial Opening Test
 (H) Final Hydrostatic Mud PSI Initial Shut-in Jars

Final Flow Safety Joint
 Final Shut-in Straddle
 Circ. Sub ✓ Mc
 Sampler
 Extra Packer
 Elect. Rec.
 Other
 TOTAL PRICE \$

Approved By [Signature]
 Our Representative [Signature]

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RECEIVED
 STATE CORPORATION COMMISSION
 JAN 31 2000
 CONSERVATION DIVISION
 Wichita, Kansas

ALLIED CEMENTING CO., INC. 000291

15-065-22772-00-00

Box 31
Well, Kansas 67665

SERVICE POINT
Oakley

DATE <u>1-30-96</u>	SEC. <u>31</u>	TWP. <u>7</u>	RANGE <u>24</u>	CALLED OUT	ON LOCATION <u>3:00 PM</u>	JOB START	JOB FINISH <u>1:25 PM</u>
LEASE <u>Cummings</u>	WELL# <u>3</u>	LOCATION <u>Marland 1/2 E - 3N - 6W</u>		COUNTY <u>Graham</u>	STATE <u>Kan</u>		

OLD OR NEW (Circle one)

CONTRACTOR White + Ellis Dels

TYPE OF JOB Production (Bottom)

HOLE SIZE 7 7/8 T.D. 4250'

CASING SIZE 5 1/2 DEPTH 4249'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DV Tool DEPTH 2039

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 37.05'

CEMENT LEFT IN CSG. 37'

PERFS.

OWNER Same

CEMENT

AMOUNT ORDERED 125 SKS ASC

EQUIPMENT

PUMP TRUCK CEMENTER Walt Max

300 HELPER Dean

BULK TRUCK DRIVER Jeff

305 DRIVER Bill

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
<u>ASC - 125 SKS</u>	@	<u>7.85</u>	<u>981.25</u>
	@		
	@		
	@		
HANDLING	@	<u>1.05</u>	<u>131.25</u>
MILEAGE	@	<u>44 per SK/mile</u>	<u>365.00</u>
			TOTAL <u>1,477.50</u>

REMARKS:

Float Held

Alfred Co

SERVICE

DEPTH OF JOB 4250'

PUMP TRUCK CHARGE 1,090.00

EXTRA FOOTAGE @

MILEAGE 73 miles @ 2.85 208.05

PLUG @

TOTAL 1,298.05

CHARGE TO: H+H Investments

STREET P.O. Box 1433

CITY Hays STATE Kan ZIP 67601

FLOAT EQUIPMENT

none

@

@

@

@

TOTAL

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 Larry Clark

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

RECEIVED
STATE CORPORATION COMMISSION
JAN 31 2000
CONSERVATION DIVISION
Topeka, Kansas

ALLIED CEMENTING CO., INC. 0292

BOX 31
RUSSELL, KANSAS 67665

15-065-22772-00-00

ORIGINAL
SERVICE POINT:
Oakley

DATE <u>7-30-96</u>	SEC. <u>31</u>	TWR. <u>7</u>	RANGE <u>24</u>	CALLED OUT	ON LOCATION <u>3:00 PM</u>	JOB START	JOB FINISH <u>10:45 PM</u>
LEASE <u>Cummings</u>	WELL# <u>3</u>	LOCATION <u>Marland 1/2 E-3N-6W</u>		COUNTY <u>Graham</u>	STATE <u>Kan</u>		

CONTRACTOR White + Ellis

TYPE OF JOB Production (Top)

HOLE SIZE 7 7/8 T.D. 4250'

CASING SIZE 5 1/2 DEPTH 4249'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL D.V Tool DEPTH 2039'

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 3205

CEMENT LEFT IN CSG. 37'

PERFS.

OWNER Same

CEMENT

AMOUNT ORDERED 500 SKS 50/50 per
6% bal #1/4 Flo-Seal

COMMON	<u>250</u>	SKS	@	<u>6.10</u>	<u>1,525.00</u>
POZMIX	<u>250</u>	SKS	@	<u>3.15</u>	<u>787.50</u>
GEL	<u>26</u>	SKS	@	<u>9.50</u>	<u>247.00</u>
CHLORIDE	<u>Flo-Seal 125#</u>		@	<u>1.15</u>	<u>143.75</u>
			@		
			@		
			@		
			@		
HANDLING	<u>500</u>	SKS	@	<u>1.05</u>	<u>525.00</u>
MILEAGE	<u>4¢ per sk/mile</u>				<u>1,460.00</u>
					TOTAL <u>4,688.25</u>

EQUIPMENT

PUMP TRUCK CEMENTER Walt, Max

300 HELPER Dean

ULK TRUCK DRIVER Jeff

318 DRIVER Bill

ULK TRUCK DRIVER Bill

REMARKS:

Cement Did Circ ✓

Witnessed: Walt Pitt - Allied

Ray Ward - WYE

Del E

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 550.00

EXTRA FOOTAGE @

MILEAGE @

PLUG @

RECEIVED

STATE CORPORATION COMMISSION

JAN 31 2000

TOTAL 550.00

CONSERVATION DIVISION
Topeka, Kansas

CHARGE TO: H+H Investments

ADDRESS: P.O. Box 1433

BY Hays STATE Kan ZIP 67601

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL		

Allied Cementing Co., Inc.
are hereby requested to rent cementing equipment
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.

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE Ray Ward

JTB