

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

**ORIGINAL**

API NO. 15- 065-227700000  
County Graham  
5<sup>1</sup>/<sub>2</sub> east of C-N/2-SW Sec. 31 Twp. 7S Rge. 24 X <sup>E</sup> <sub>W</sub>

Operator: License # 31668

Name: H & H Investments

Address P. O. Box 1433

City/State/Zip Hays, KS 67601

Purchaser: x

Operator Contact Person: Bert W. Hays

Phone (913) 625-6636

Contractor: Name: White & Ellis Drlg., Inc.

License: 5420

Wellsite Geologist: x Kenneth Vehige

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:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD

Plug Back  PBTB

Commingled  Docket No. \_\_\_\_\_

Dual Completion  Docket No. \_\_\_\_\_

Other (SWD or Inj?)  Docket No. \_\_\_\_\_

4-23-96 4-29-96 x 5/14/96

Spud Date Date Reached TD Completion Date

2310' Feet from (X) (circle one) Line of Section

3955' Feet from (X) (circle one) Line of Section

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

Lease Name Cummings Well # 2

Field Name Dripping Springs

Producing Formation x Lansing K.C

Elevation: Ground x 2448 KB x 2453

Total Depth 3980' PBTB x 3970

Amount of Surface Pipe Set and Cemented at 207' Feet

Multiple Stage Cementing Collar Used? X Yes  No

If yes, show depth set 2160 Feet

If Alternate II completion, cement circulated from 2160

feet depth to Surface w/ 400 sx cmt.

Drilling Fluid Management Plan ALT 2 98 10-9-97  
(Data must be collected from the Reserve Pit)

Chloride content 1100 ppm Fluid volume 1262 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter Sec. Twp. S Rng. E/W

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 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 x Bert W. Hays

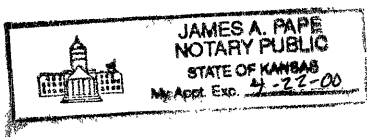
Title Operator Date 8-6-96

Subscribed and sworn to before me this 8<sup>th</sup> day of Aug. 1996.

Notary Public x James A. Pape

Date Commission Expires 4-22-2000

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other
(Specify)		
<b>RECEIVED</b> KANSAS CORPORATION COMMISSION		



AUG 20 1996 Form ACO-1 (7-91)  
AUG 20, 1996  
CONSERVATION DIVISION  
WICHITA, KS

Operator Name H & H Investments

Lease Name Cummings Well # 2

Sec. 31 Twp. 7S Rge. 24  East  West

County Graham

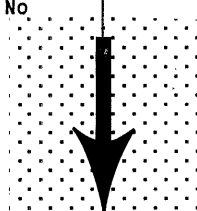
**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid 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.)

Log  Formation (Top), Depth and Datums  Sample  
 Name Cummins K-C Top 3734 Datum -1281

*Oil Purchaser  
is NCRA*

xList All E.Logs Run:  
RA Guard Log (ATTACHED)



CASING RECORD <input 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	# Sacks Used	Type and Percent Additives
<u>Surface</u>	<u>13"</u>	<u>8 5/8</u>	<u>23#</u>	<u>207'</u>	<u>Comm.</u>	<u>150</u>	
<u>Production</u>	<u>7 7/8"</u>	<u>5 1/2</u>	<u>15.5#</u>	<u>3972</u>	<u>Comm.</u>	<u>550</u>	<u>4% gel</u>

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
<u>4</u>	<u>3864-68</u>	<u>1250 gals 15% Acid</u>
<u>4</u>	<u>3894-98</u>	<u>1250 gals " "</u>
<u>4</u>	<u>3920-28</u>	<u>1250 " " "</u>

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		<u>2 3/8</u>	<u>3930</u>			
Date of First Resumed Production, SWD or Inj.		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
<u>5/14/96</u>						
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	<u>65</u>	<u>0</u>	<u>fr</u>		<u>40</u>	

Disposition of Gas: **METHOD OF COMPLETION**  Vented  Sold  Used on Lease (If vented, submit ACO-18.)  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval 3864'-3868'  
3894'-3898'  
3920'-3928'

TELEPHONE

AREA CODE 913 483-2627  
AREA CODE 913 483-3887

15-065-22770-00-00  
**ALLIED CEMENTING COMPANY, INC.**

5-4 P.O. BOX 31  
RUSSELL, KANSAS 67665

**ORIGINAL**

TO: H & H Investments  
P. O. Box 1433  
Hays, KS 67601

INVOICE NO. 72401  
PURCHASE ORDER NO. \_\_\_\_\_  
LEASE NAME Cummings #2  
DATE 4-29-96

SERVICE AND MATERIALS AS FOLLOWS:

Common 225 sks @\$6.10	\$1,372.50	
Pozmix 150 sks @\$3.15	472.50	
Gel 19 sks @\$9.50	180.50	\$2,025.50
Handling 375 sks @\$1.05	393.75	
Mileage (73) @\$.04¢ per sk per mi	1,095.00	
Production String	550.00	2,038.75
	<b>Total</b>	<b>\$4,064.25</b>

If Account CURRENT a  
Discount of \$ 812.85  
will be Allowed ONLY if  
Paid Within 30 Days from  
Date of Invoice.

*Thank You!*

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

RECEIVED  
KANSAS CORP  
1996 AUG 7  
1996 JUN -7 P 12:17

Common 90 sks @\$7.20	\$648.00	
Pozmix 60 sks @\$3.15	189.00	
Gel 3 sks @\$9.50	28.50	
Chloride 6 sks @\$28.00	168.00	\$1,033.50
Handling 150 sks @\$1.05	157.50	
Mileage (64) @\$.04¢ per sk per mi	384.00	
Surface	445.00	
Mi @\$2.85 pmp trk chg	182.40	
1 plug	45.00	1,213.90
	<b>Total</b>	<b>\$2,247.40</b>

If Account CURRENT a  
Discount of \$ 449.48  
will be Allowed ONLY if  
Paid Within 30 Days from  
Date of Invoice.

*Thank You!*

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

15-065-22770-00-00

TELEPHONE:  
AREA CODE 913 483-2627  
AREA CODE 913 483-3887

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31  
RUSSELL, KANSAS 67665

ORIGINAL

TO: H & D Investments  
P. O. Box 1433  
Hays, KS, 67601

INVOICE NO. 72400  
PURCHASE ORDER NO. \_\_\_\_\_  
LEASE NAME Cummings #2  
DATE 4-29-96

SERVICE AND MATERIALS AS FOLLOWS:

Common 125 sks @\$6.10	\$762.50	
Salt 12 sks @\$7.00	84.00	
<del>WFR2 500 gal @ \$1.00</del>	<del>500.00</del>	<del>\$1,346.50</del>
Handling 125 sks @\$1.05	131.25	
Mileage (73) @ \$.04¢ per sk per mi	365.00	
Production string	1,030.00	
Mi @ \$2.35 pmp trk chg	<u>171.55</u>	1,697.80
1 Baker DV Tool-----	\$3,949.00	
1 AFU Insert-----	263.00	
1 Guide Shoe-----	168.00	
4 Centralizers-----	224.00	
2 Baskets-----	<u>284.00</u>	<u>4,888.00</u>

If Account CURRENT a  
Discount of \$ 1,586.46  
will be Allowed ONLY if  
Paid Within 30 Days from  
Date of Invoice.

Total \$7,932.30

*Thank You!*

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.