

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

API NO. 15- 193-206440000 ORIGINAL

County Thomas

E/2-E/2-NE Sec. 17 Twp. 8S Rge. 34 X ^E/_W

1320 Feet from X (circle one) Line of Section

330 Feet from NE (circle one) Line of Section

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

Lease Name Cranston Farms Well # 2-17

Field Name Morgan

Producing Formation N/A

Elevation: Ground 3213' KB 3218'

Total Depth 2881' PBDT _____

Amount of Surface Pipe Set and Cemented at 354' Feet

Multiple Stage Cementing Collar Used? Yes X No _____

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan D&A 94 5-29-96
(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 3-5-96

Lease Name _____ License No. _____

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

County _____ Docket No. _____

Operator: License # 5420

Name: White & Ellis Drilling, Inc.

Address P. O. Box 48848

City/State/Zip Wichita, KS 67201-8848

Purchaser: N/A

Operator Contact Person: Michael L. Considine

Phone (316) 263-1102

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

License: 5420

Wellsite Geologist: Thomas Funk

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:

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. _____

2-19-96 2-21-96 2-21-96
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 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 Michael L. Considine

Title Secretary-Treasurer Date 2-27-96

Subscribed and sworn to before me this 27th day of February, 1996.

Notary Public Carolyn J. Tjaden

Date Commission Expires September 5, 1996

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)

CAROLYN J. TJADEN
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 9-5-96

Operator Name **White & Ellis Drlg., Inc.**

Lease Name **Cranston Farms** Well # **2-17**

Sec. **17** Twp. **8S** Rge. **34W** East West

County **Thomas**

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 Datum Sample
 Name Top Datum
 Anhydrite 2757 + 461
 B/Anhydrite 2786 + 432

List All E.Logs Run:
 Radiation Guard Log

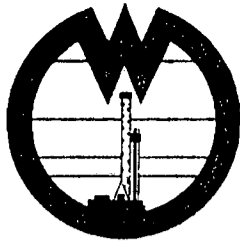
CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	20#	354'	60/40	180	2% Gel 4% 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. Inj.	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: **METHOD OF COMPLETION** Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, submit ACO-18.) Other (Specify) _____



ORIGINAL

WHITE

AND ELLIS DRILLING, Inc.

DRILLERS LOG

Operator: White & Ellis Drilling, Inc.
P. O. Box 48848
Wichita, KS 67201-8848

Contractor: White & Ellis Drilling, Inc.
P. O. Box 48848
Wichita, KS 67201-8848

Lease Name Cranston Farms Well No. 2-17
Spot E/2 E/2 NE Section 17 Township 8S Range 34W
County Thomas State Kansas

Casing Record:

Surface: 8 5/8" @ 354' with 180

Production: _____ @ _____ with _____

Type Well: D & A Total Depth 2881'

Drilling Commenced: 2-19-96 Drilling Completed: 2-21-96

<u>Formation</u>	<u>From</u>	<u>To</u>	<u>Tops</u>
Cellar	0	5	Anhydrite 2757
Clay, Sand & Shales	5	355	B/Anhydrite 2786
Shales, Clay & Sand	355	1135	
shales	1135	1760	
Shale & Sand	1760	2255	
Shale, Lime & Red Bed	2255	2881	

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

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

TO: White & Ellis Drilling, Inc.
P. O. Box 48848
Wichita, KS 67201-8848

INVOICE NO. 70969
PURCHASE ORDER NO. _____
LEASE NAME Cranston Farms 2-11
DATE 2-19-96

SERVICE AND MATERIALS AS FOLLOWS:

Common 108 sks @\$7.20	\$777.60
Pozmix 72 sks @\$3.15	226.80
Gel 3 sks @\$9.50	28.50
Chloride 8 sks @\$28.00	224.00
Handling 180 sks @\$1.05	189.00
Mileage (24) @\$.04¢ per sk per mi	172.80
Surface	445.00
Extra Footage 54' @\$.41¢	22.14
Mi @\$2.35 pmp trk chg	56.40
1 plug	45.00

\$1,256.90

Total

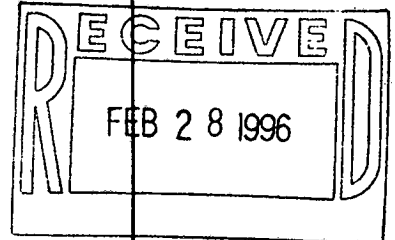
1996 MAR -5 A 11:28
RECEIVED
KANSAS CORP
00MM
30.34
\$2,187.24

If Account CURRENT a
Discount of \$ 437.45
will be Allowed ONLY if
Paid Within 30 Days from
Date of Invoice.

1300311 10550 ²#1,749.79

Thank You!

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



ALLIED CEMENTING CO., INC.

3872

ORIGINAL

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

SERVICE POINT: Oakley

DATE <u>2-19-96</u>	SEC. <u>17</u>	TWP. <u>8</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION <u>12:45 PM</u>	JOB START	JOB FINISH <u>3:35 PM</u>
LEASE <u>Cranston Farms</u>	WELL# <u>2-17</u>	LOCATION <u>Colby 4W-1/2S-W.S.</u>	COUNTY <u>Thomas</u>	STATE <u>Kan</u>			

OLD OR NEW (Circle one) NEW

CONTRACTOR <u>White + Ellis Dls #9</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Surface</u>	CEMENT
HOLE SIZE <u>12 1/4</u>	T.D. <u>355'</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>354'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	

AMOUNT ORDERED	<u>180 SKS 4% Poz, 4% CC, 2% Gel</u>
COMMON	<u>108 SKS @ 7.20 = 777.60</u>
POZMIX	<u>72 SKS @ 3.15 = 226.80</u>
GEL	<u>3 SKS @ 9.50 = 28.50</u>
CHLORIDE	<u>8 SKS @ 28.00 = 224.00</u>
	@
	@
	@
	@
	@
HANDLING	<u>180 SKS @ 1.05 = 189.00</u>
MILEAGE	<u>44 per SK mile = 172.80</u>
TOTAL	<u>1,618.70</u>

EQUIPMENT

PUMP TRUCK # <u>191</u>	CEMENTER <u>Walt</u>	HELPER <u>Max</u>
BULK TRUCK # <u>218</u>	DRIVER	
BULK TRUCK #	DRIVER	

REMARKS:

SERVICE

DEPTH OF JOB	<u>354'</u>
PUMP TRUCK CHARGE	<u>445.00</u>
EXTRA FOOTAGE <u>54'</u>	<u>@ 4.14 = 22.14</u>
MILEAGE <u>24 - miles</u>	<u>@ 2.35 = 56.40</u>
PLUG <u>8 5/8 Surface</u>	<u>@ 45.00 = 45.00</u>
	@
	@
TOTAL	<u>568.54</u>

CHARGE TO: White + Ellis Dls Co.
 STREET Box 4881B
 CITY Winchester STATE Kansas ZIP 6701-881B

FLOAT EQUIPMENT

	@
	@
	@
	@
	@
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 Gary Cloud

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

TELEPHONE:

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

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

TO: White & Ellis Drilling, Inc.
P. O. Box 48848
Wichita, KS 67201-8848

INVOICE NO. 70970
PURCHASE ORDER NO. _____
LEASE NAME Cranston Farms 2-17
DATE 2-21-96

SERVICE AND MATERIALS AS FOLLOWS:

Common 114 sks @\$7.20	\$820.80	
Pozmix 76 sks @\$3.15	239.40	
Gel 10 sks @\$9.50	95.00	
FloSeal 48# @\$1.15	<u>55.20</u>	\$1,210.40
Handling 190 sks @\$1.05	199.50	
Mileage (24) @\$.04¢ per sk per mi	182.40	
Plug	550.00	
Mi @\$2.35 pmp trk chg	56.40	
1 plug	<u>23.00</u>	<u>1,011.30</u>
	total	\$2,221.70

If Account CURRENT a
Discount of \$ 444.34
will be Allowed ONLY if
Paid Within 30 Days from
Date of Invoice.

1300317 10550^② \$1,777.36

Thank You!

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

ALLIED CEMENTING CO., INC.

3874

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

SERVICE POINT: Oakley

DATE <u>2-21-96</u>	SEC. <u>17</u>	TWP. <u>8^s</u>	RANGE <u>34^w</u>	CALLED OUT	ON LOCATION <u>5:15 PM</u>	JOB START	JOB FINISH <u>8:00 PM</u>
LEASE <u>Cranston Farms</u>	WELL# <u>2-17</u>	LOCATION <u>Colby 4w-1/2s-41s</u>			COUNTY <u>Thomas</u>	STATE <u>Kan</u>	

OLD OR (NEW) (Circle one)

ORIGINAL

CONTRACTOR White + Ellis D/S #19

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 2881'

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

OWNER Same

CEMENT

EQUIPMENT

PUMP TRUCK CEMENTER Walt

191 HELPER Wayne

BULK TRUCK

218 DRIVER Dean

BULK TRUCK

DRIVER

AMOUNT ORDERED 190 SKS 4/40 per

6% Gel, 1/4" Flo-Seal

COMMON	<u>114 SKS</u>	@	<u>720</u>	<u>820⁸⁰</u>
POZMIX	<u>76 SKS</u>	@	<u>315</u>	<u>239⁴⁰</u>
GEL	<u>10 SKS</u>	@	<u>920</u>	<u>95⁰⁰</u>
CHLORIDE		@		
<u>Flo-Seal</u>	<u>48#</u>	@	<u>115</u>	<u>55²⁰</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>190 SKS</u>	@	<u>105</u>	<u>199²⁰</u>
MILEAGE	<u>44 per SK/mil.</u>			<u>188²</u>
TOTAL				<u>1592⁴⁰</u>

REMARKS:

25 SKS @ 2775'

100 SKS @ 1915'

40 SKS @ 405'

10 SKS @ 40'

15 SKS in R.H.

Steel 40

SERVICE

DEPTH OF JOB 2775'

PUMP TRUCK CHARGE 550⁰⁰

EXTRA FOOTAGE @

MILEAGE 24 miles @ 235 5640

PLUG 8 5/8 D.H. Plug @ 23⁰⁰

@

@

TOTAL 629⁴⁰

CHARGE TO: White + Ellis D/S

STREET Box 48848

CITY Wichita STATE Kansas ZIP 67201-8848

FLOAT EQUIPMENT

@

@

@

@

@

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.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Doug Chard

RECEIVED KANSAS CORR COMM