

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

Operator: License # 5420

Name: White & Ellis Drlg., Inc.

Address P. O. Box 48848

City/State/Zip Wichita, KS 67201

Purchaser: _____

Operator Contact Person: Michael L. Considine

Phone (316) 263-1102

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

License: 5420

Wellsite Geologist: Tom 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 PBSD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

5-6-95 5-16-95 5-6-8-95
Spud Date Date Reached TD Completion Date

API NO. 15- 193-206330000 ORIGINAL

County Thomas

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

2320 Feet from X/N (circle one) Line of Section

650 Feet from E/X (circle one) Line of Section

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

Lease Name Cranston Farms Well # 1-17

Field Name Wildcat **CONFIDENTIAL**

Producing Formation _____

Elevation: Ground 3256 KB 3261

Total Depth 4740 PBSD 4697

Amount of Surface Pipe Set and Cemented at 339 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 3650' Feet

If Alternate II completion, cement circulated from 3650'

feet depth to surface w/ 450 sx cmt.

Drilling Fluid Management Plan ALT II DPW
(Data must be collected from the Reserve Pit) 7-16-95

Chloride content 8000 ppm Fluid volume 1500 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: 7-15-96

Operator Name _____ **RELEASED**

Lease Name _____ License No. JUL 15 1996

Quarter Sec. Twp. S Rng. E/W

County _____ Docket No. **FROM CONFIDENTIAL**

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.

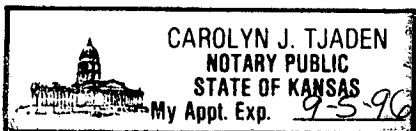
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Michael L. Considine
Title Secretary-Treasurer Date 6-14-95

Subscribed and sworn to before me this 14th day of June, 1995.

Notary Public Carolyn J. Tjaden
Date Commission Expires September 5, 1995

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)



**** TIGHT HOLE ****
6-15-95

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

Lease Name **Cranston Farms** Well # **1-17**

Sec. **17** Twp. **8S** Rge. **34**
 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.)

List All E.Logs Run:

Guard Sidewall Neutron Log

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
Anhydrite	2789	+ 472
B/Anhydrite	2818	+ 443
Wabaunsee	3674	- 413
Heebner	4080	- 819
Lansing	4124	- 863
Muncie Creek	4246	- 985
Stark	4322	-1061
Cherokee	4593	-1332
Mississippi	Not logged	

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
(new) Surface	12 1/4"	8 5/8"	23#	339'	60/40 poz	180	2% Gel 4% CC
(used) Production	7 7/8"	4 1/2"	10.5#	4729'			
1st stage:	500 gal. mud flush, 125 sx. EA2						
2nd stage:	450 sx. Mid-con 2, 100 sx. EA2						

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
2 SPF	4632' - 4642'	750 gals. 15% MCA / Johnson
		1500 gals. 20% SGA w/ Zone
		NE-FE

TUBING RECORD	Size	Set At	Packer At	Liner Run
148 jts.	2 3/8"	4671'		<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.		Producing Method		
6-16-95		<input type="checkbox"/> Flowing <input checked="" 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
	40 bbls.		0 bbls.	

Disposition of Gas: **METHOD OF COMPLETION**
 Vented Sold Used on Lease
 (If vented, submit ACO-18.)

Production Interval
 Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____

ORIGINAL

CONFIDENTIAL

DRILL STEM TEST RESULTS

Cranston Farms #1-17
S/2 SE NE
Section 17-8S-34W
Thomas County, Kansas

API#15-193-20633

- DST #1: 4170' - 4190' (Lansing "C") 30-45-45-60
Recovered 630' salt water. (25,000 chlorides)
IFP 78#-136#, FFP 214#-292#, ISIP 1299#, FSIP 1299#
- DST #2: 4284' - 4325' (LKC "I" and "J") 30-45-60-75
Recovered 1' clean oil and 180' muddy water
(28,000 chlorides) IFP 68#-68#, FFP 78#-97#,
ISIP 1240#, FSIP 1230#
- DST #3: 4472' - 4531' (Pawnee) 30-15-15-15 Recovered
5' drilling mud with a few specks of oil.
IFP 29#-29#, FFP 29#-29#, ISIP 48#, FSIP 39#
- DST #4: 4598' - 4665', 30-45-60-75 Recovered 80' clean
oil (24° gravity) and 60' oil cut mud (10% oil)
IFP 48#-48#, FFP 68#-68#, ISIP 1250#, FSIP 1250#

RELEASED

JUL 15 1996

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

JUN 15 1995

CONSERVATION DIVISION
WICHITA, KANSAS

ALLIED CEMENTING CO., INC.

0665

15-193-20633-00-00

ORIGINAL

SERVICE POINT: Okley

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

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
5-6-95	17	8	34		1245 PM		6:30 PM
LEASE	WELL #	LOCATION	COUNTY	STATE			
<i>Craigton</i>	1-17	<i>Cody SW 25 W side</i>	<i>Thomas</i>	<i>Kan.</i>			

OLD OR NEW (Circle one)

CONFIDENTIAL

CONTRACTOR White & Ellis

TYPE OF JOB Surface

HOLE SIZE 12" T.D. 340

CASING SIZE 8 7/8" **DEPTH** 339

TUBING SIZE _____ **DEPTH** _____

DRILL PIPE _____ **DEPTH** _____

TOOL _____ **DEPTH** _____

PRES. MAX _____ **MINIMUM** _____

MEAS. LINE _____ **SHOE JOINT** _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

OWNER _____

CEMENT

AMOUNT ORDERED 180 40 4 7/8 2 7/8 1 7/8

COMMON	<u>108</u>	@	<u>7.20</u>	<u>777.60</u>
POZMIX	<u>72</u>	@	<u>3.15</u>	<u>228.80</u>
GEL	<u>4</u>	@	<u>9.50</u>	<u>38.00</u>
CHLORIDE	<u>7</u>	@	<u>28.00</u>	<u>196.00</u>
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
HANDLING	_____	@	<u>105</u>	<u>189.00</u>
MILEAGE	<u>25m</u>	@	<u>04</u>	<u>180.00</u>

EQUIPMENT

PUMP TRUCK **CEMENTER** McAadoo

191 **HELPER** Mr. Davis

BULK TRUCK **DRIVER** Paul Davis

212

BULK TRUCK **DRIVER** _____

RELEASED

TOTAL 1614.60

DATE JUL 15 1996

AMOUNT 1607.40

REMARKS:

Cement Did Cir

FROM CONFIDENTIAL SERVICE

DEPTH OF JOB 339'

PUMP TRUCK CHARGE 445.00

EXTRA FOOTAGE 39' @ 414 15.99

MILEAGE 25m @ 2.35 58.75

PLUG _____ @ _____ 45.00

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL 564.74

CHARGE TO: White & Ellis Drilling Inc

STREET P.O. Box 48848

CITY Wichita **STATE** Kan **ZIP** 67224-8848

STATE CORPORATION COMMISSION

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JUN 15 1995

CONSERVATION DIVISION

WICHITA, KANSAS

FLOAT EQUIPMENT

ALCO CEMENTING COMPANY, INC.

913-483-2627

P. O. BOX 31

RUSSELL, KANSAS 67665

ORIGINAL

15-193-20633-00-00

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

Invoice No. 68816
Purchase Order No. _____
Lease Name Cranston Farms 1-17
Date 5-6-95

Service and Materials as Follows:

Common 108 sks @\$7.20	\$777.60
Pozmix 72 sks @\$3.15	226.80
Gel 4 sks @\$9.50	38.00
Chloride 7 sks @\$28.00	<u>196.00</u>
Handling 180 sks @\$1.05	189.00
Mi @\$.04¢ per sk per mi (25)	180.00
Surface	445.00
Extra Footage 39' @\$.41¢	15.99
Mi @\$2.35 pmp trk chg	58.75
1 plug	<u>45.00</u>

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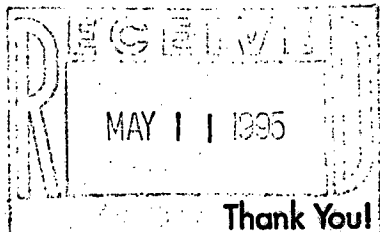
\$1,238.40

933.74

Total

\$2,172.14

If Account CURRENT, a
Discount of \$ 434.42
Will Be Allowed ONLY if
Paid Within 30 Days From
Date of Invoice.



All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2% Charged Thereafter

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JUN 15 1995

CONSERVATION DIVISION
WICHITA, KANSAS

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JUL 15 1996

FROM CONFIDENTIAL



HALLIBURTON

ORIGINAL

15-193-20633-00-00

DATE 5-16-95 PAGE NO. 1

JOB LOG HAL-2013-C

CUSTOMER White & Ellis WELL NO. #1-17 LEASE Cranston Farms Two stage L.S. JOB TYPE TICKET NO. 806842

CHART NO. TIME RATE (BPM) VOLUME (BBL) (GAL) PUMPS T C PRESSURE (PSI) TUBING CASING DESCRIPTION OF OPERATION AND MATERIALS

Table with columns for Time, Rate, Volume, Pumps, Pressure, Tubing, Casing, and Description of Operation. Includes handwritten notes like 'CONFIDENTIAL', 'RELEASED', 'FROM CONFIDENTIAL', and 'RECEIVED STATE CORPORATION JUN 5 1995'. Also contains a large handwritten signature 'Allen A. Work - Halliburton' and 'Thanks, Allen, Russ Davis me!' at the bottom.

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Allen A. Work - Halliburton

Thanks, Allen, Russ Davis me!



JOB SUMMARY

HALLIBURTON DIVISION MID CONT
 HALLIBURTON LOCATION Hays Ks 15-193-20033-00-00
 BILLED ON TICKET NO. 806442

WELL DATA

FIELD: _____ SEC. 17 TWP. 9 RNG. 34 COUNTY Thomas STATE Ks

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH 4740

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING			<u>4 1/2</u>	<u>KR</u>	<u>4731</u>	
LINER						
TUBING						
OPEN HOLE				<u>4731</u>	<u>4740</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>5-16-95</u> TIME <u>0500</u>	DATE <u>5-16-95</u> TIME <u>0930</u>	DATE <u>5-16-95</u> TIME <u>1500</u>	DATE <u>5-16-95</u> TIME <u>2000</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>Allen, Worth</u>	<u>86101</u>	<u>Hays Ks</u>
<u>R. Borrows</u>	<u>57220</u>	<u>Hays Ks</u>
<u>A. Burkhead</u>	<u>61512</u>	<u>Hays Ks</u>
<u>M. Karlin</u>	<u>61511</u>	<u>Hays Ks</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API _____

DISPL. FLUID _____ DENSITY _____ LB/GAL. API _____

PROP. TYPE _____ SIZE _____ LB. _____

ACID TYPE _____ GAL. _____

ACID TYPE _____ GAL. _____

ACID TYPE _____ GAL. _____

SURFACTANT TYPE _____ GAL. _____

NE AGENT TYPE _____ GAL. _____

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____

GELLING AGENT TYPE _____ GAL.-LB. _____

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____

BREAKER TYPE _____ GAL.-LB. _____

BLOCKING AGENT TYPE _____ GAL.-LB. _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER 12 BBLs Super flush

DEPARTMENT cat

DESCRIPTION OF JOB Two Stage L.S.

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X [Signature]

HALLIBURTON OPERATOR G. F. Worth COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK BACKED	ADDITIVES	YIELD CU.FT./BK.	MIXED LBS./GAL.
<u>1st</u>	<u>125</u>	<u>S-A-2</u>	<u>Port</u>	<u>B</u>	<u>5% cal seal 10% salt, #6 b.l., 1075 H-322</u>	<u>1.36</u>	<u>15.4</u>
<u>2nd</u>	<u>450</u>	<u>MHA S-A-2</u>	<u>Port</u>	<u>B</u>	<u>5% cal seal 10% salt, #6 b.l., 1075 H-322</u>	<u>3.20</u>	<u>15.4</u>
	<u>100</u>	<u>EA-2</u>	<u>Port</u>	<u>B</u>	<u>5% cal seal 10% salt, #6 b.l., 1075 H-322</u>	<u>1.36</u>	<u>15.4</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PREFLUSH: BBL.-GAL. _____ TYPE _____

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. 12 Super flush

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 75

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL.-GAL. 240.95

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____ REMARKS see Job Log & Chart

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 33.30 REASON Shut in thanks Allen, Rose, Mel, Doug

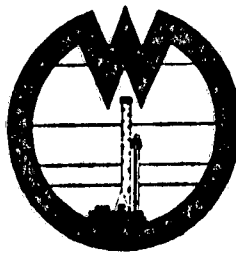
CUSTOMER _____

LEASE Grandford Farms

WELL NO. F-177

JOB TYPE Two Stage

DATE 5-16-95



15-193-20633-00-00

ORIGINAL

WHITE

CONFIDENTIAL

AND ELLIS DRILLING, Inc.

DRILLERS LOG

RELEASED

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

JUL 15 1996

FROM CONFIDENTIAL

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

API# 15-193-20633

Lease Name Cranston Farms Well No. 1-17
Spot S/2 SE NE Section 17 Township 8S Range 34W
County Thomas State Kansas

Casing Record:

Surface: 8 5/8" @ 339' with 180
Production: 4 1/2" @ 4729' with 590

Type Well: Oil Total Depth 4740'

Drilling Commenced: 5-6-95 Drilling Completed: 5-16-95

Formation	From	To	Tops
Cellar	0	5	Anhydrite 2794
Clay, Sand, Limestone			B/Anhydrite 2826
Gray Gumbo & Shale	5	340	Lansing 4125
Clay, Shale & Sand	340	775	Lansing/KC 4190
Shales & Sand	775	1904	Kansas City 4315
Shales, Sand & Lime	1904	2320	BKC/Marmaton 4365
Shales	2320	2995	Pawnee 4450
Shale, Lime & Red Bed	2995	3250	Cherokee 4531
Shales & Lime	3250	3640	Johnson 4640
Lime & Shale	3640	3795	
Shales & Lime	3795	4740	

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JUN 15 1995

CONSERVATION DIVISION
WICHITA, KANSAS