

FORM MUST BE TYPED

SIDE ONE

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

ORIGINAL

Operator: License # 5420
Name: White & Ellis Drlg., Inc.
Address P. O. Box 48848
Wichita, KS 67201-8848
City/State/Zip _____
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 S10W Temp. Abd.
 Gas ENHR S16W
 Dry Other (Core, WSW, Expl., Cathodic, etc)

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 _____ PSTD _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) Docket No. _____
2-19-93 2-27-93 2-27-93
Spud Date Date Reached TD Completion Date

API NO. 15- 109-20,549-00
County Logan
SE-NE-NE Sec. 9 Twp. 11S Rge. 33 ^E_V
990 Feet from S (circle one) Line of Section
330 Feet from EW (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE, SE, NW or SW (circle one)
Lease Name Hecker Well # 2-9
Field Name Cook Northwest
Producing Formation N/A
Elevation: Ground 3123' KB 3128'
Total Depth 4649' PSTD _____
Amount of Surface Pipe Set and Cemented at 326' @ 333' 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 cat.
Drilling Fluid Management Plan D+A 3-24-93
(Data must be collected from the Reserve Pit)
Chloride content 12,000 ppm Fluid volume 1145 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, 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 by the State Corporation Commission 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 3-2-93

Subscribed and sworn to before me this 3rd day of March 19 93.
Notary Public Carolyn J. Tjaden

Carolyn J. Tjaden
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 9-5-96

September 5, 1996

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

Operator Name White & Ellis Drilling, Inc. Lease Name Hecker Well # 2-9

Sec. 9 Twp. 11 Rge. 33 East West County Logan

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	2612	+ 516
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	B/Anhydrite	2637	+ 485
List All E.Logs Run:		Heebner	4035	- 907
Guard Sidewall Neutron Log		Lansing	4076	- 948
		Muncie Creek	4217	-1089
		Stark Shale	4300	-1172
		Marmaton	4388	-1260
		Ft. Scott	4547	-1419
		Cherokee Shale	4578	-1450
		Johnson Zone	4622	-1494
		Mississippi	NR	

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"	23#	333'	60/40 poz	210	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				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(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: Vented Sold Used on Lease (If vented, submit ACD-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: _____

15-109-20549-00-00

ORIGINAL

Hecker #2-9 - White & Ellis Drilling, Inc.
SE NE NE Section 9-11S-33W
Logan County, Kansas

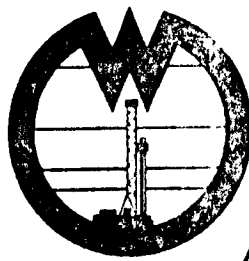
Drill Stem Tests

DST #1: 4218'-4250', 30-45-30-30 Recovered 20' mud with oil specks.
IFP 25#-29#, FFP 29#-29#, ISIP 290#, FSIP 157#

DST #2: 4274'-4295' ("J" Zone), 30-45-60-60 Recovered 40' gas in
pipe, 20' clean oil, 95' muddy water (78% water & 22% mud),
248' salt water. Chlorides 19,000 ppm IFP 36#-109#,
FFP 125#-175#, ISIP 204#, FSIP 202#

RECEIVED
STATE CORPORATION COMMISSION

MAR 8 1993
3-8-1993
REGISTRATION DIVISION
Wichita, Kansas



ORIGINAL

15-109-20549-00-00

WHITE

ANDELLIS DRILLING, Inc.

DRILLERS LOG

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

CONTRACTOR: White & Ellis Drilling, Inc. 401 E. Douglas - Suite 500
Wichita, Kansas 67202

Lease Name Hecker Well No. 2-9

Sec. 9 T. 11S R. 33W Spot SE NE NE

County Logan State Kansas Elev. _____

Casing Record:

Surface: 8 5/8" @ 333' with 210 sx.

Production: _____ @ _____ with _____ sx.

Type Well: D & A Total Depth 4649'

Drilling Commenced 2-19-93 Drilling Completed 2-27-93

Formation	From	To	Tops	
Cellar	0	5	Anhydrite	2614
Clay & Sand	5	190	B/Anhydrite	2643
Sand & Shales	190	334	Kansas City	4210
Sand & Clay	334	615	"J" Zone	4260
Clay & Sand	615	1335	KC/Marmaton	4295
Sand & Shales	1335	2085		
Shales	2085	2800		
Shales & Lime	2800	3045		
Lime & Shale	3045	4649		

RECEIVED
STATE CORPORATION COMMISSION

MAR 8 1993
3-8-1993
INSPECTION DIVISION
Kansas

TELEPHONE:
AREA CODE 913 483-2627

AMERICAN CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

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

INVOICE NO. 63490
PURCHASE ORDER NO. _____
LEASE NAME Hecker #2-9
DATE 2-19-93

SERVICE AND MATERIALS AS FOLLOWS:

Common 126 sks @\$6.85	\$863.10	
Pozmix 84 sks @\$3.00	252.00	
Chloride 6 sks @\$25.00	<u>150.00</u>	\$1,265.10

Handling 210 sks @\$1.00	210.00	
Mileage (8) @\$.04¢ per sk per mi	67.20	
Surface	430.00	
Mi @\$2.25 pmp trk chg	18.00	
29' @\$.39¢ over 300'	13.65	
plug	<u>42.00</u>	780.85

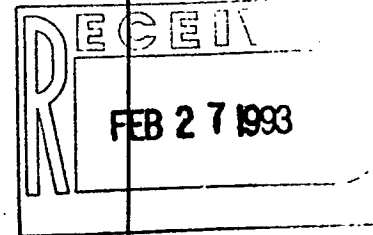
If account CURRENT 20% discount will
be allowed ONLY if paid within 30 days Total
from date of invoice.

\$2,045.95

Cement circulated

thank you!

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



RECEIVED
AMERICAN CEMENTING COMPANY
MAR - 8 - 1993
CONSERVATION DIVISION
Wichita, Kansas

15-109-20549-00-00

ORIGINAL

15-109-20549-00-00

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

4883

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	2-19-93	Sec.	9	Fwp.	115	Range	33w	Called Out	1:15 AM	On Location	4:30 PM	Job Start	6:30 PM	Finish	7:00 PM
Lease	Hecker	Well No.	2-9	Location	monument 1/2 N-1E-1/4 S	County	Logan	State	Ks.						
Contractor	White + Ellis Drilling No. 9					Owner	White + Ellis								
Type Job	Surface					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 listed.									
Hole Size	12 1/4	T.D.	335'												
Csg.	8 5/8	Depth	334'												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.	15'	Shoe Joint													
Press Max.		Minimum													
Meas Line	✓	Displace													
Perf.															

EQUIPMENT

Okley No.	Cementor	Ken	Tern + Walt
Pumptrk 191	Helper		Fitz
Pumptrk No.	Cementor		
	Helper		
	Driver		
Bulktrk 315	Driver		Steve

DEPTH of Job

Reference:	Pumptruck	430 ⁰⁰
	8 SK Surface Plug	42 ⁰⁰
	2 ²⁵ per mile	18 ⁰⁰
	394 per 100' (35')	13 ⁶⁵
	Sub Total	503 ⁶⁵
	Tax	
	Total	

Remarks:

Hook up and Circulate mud. Hook up to truck to run job. Mix 210 SK. 60/40 3 to cut + 2 to gel + displace with 20 bbls of fresh water. Run wire line + stop plug at 318 ft. Cement and Circulate.

Charge To	White + Ellis Drilling, Inc.		
Street	P.O. BOX 48848		
City	Wichita	State	Ks. 67201-8848
The above was done to satisfaction and supervision of owner agent or contractor.			
Purchase Order No.	X James Promell		
CEMENT			
Amount Ordered	210 SK. 60/40 3 to cut + 2 to gel		
Consisting of			
Common	126 SK.	26 ³⁵	863 ¹⁰
Poz. Mix	84 SK.	23 ⁰⁰	252 ⁰⁰
Gel.	4 SK.	27 ⁰⁰	108
Chloride	6 SK.	25 ⁰⁰	150 ⁰⁰
Quickset			
Handling	1 ⁰⁰	per SK	210 ⁰⁰
Mileage	4¢ per SK/mile	8 mile	67 ²⁰
Sub Total			454 ³⁰
Total			

Floating Equipment

RECEIVED
 STATE CORPORATION COMMISSION
 3-8-1993
 MAR 8 19
 CONSERVATION DIVISION
 Kansas

Thank you
 Ken + crew

ORIGINAL

TELEPHONE
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

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

INVOICE NO. 6350
PURCHASE ORDER NO. _____
LEASE NAME Heed
DATE 2-26-93

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OPERATION COMMISSION
3-6-1993
MAR 8 1993
CONSERVATION DIVISION
Wichita, Kansas

SERVICE AND MATERIALS AS FOLLOWS:

Common 114 sks @\$6.85	\$780.90	
Pozmix 76 sks @\$3.00	228.00	
Gel 7 sks @\$7.00	49.00	
FloSeal 25# @\$1.10	<u>27.50</u>	\$1,085.40

Handling 190 sks @\$1.00	190.00	
Mileage (10) @\$.04¢ per sk per mi	76.00	
Plug	525.00	
Mi. @\$2.25 pmp trk chg	22.50	
1 plug	<u>21.00</u>	834.50

Total \$1,919.90

25 sks @2625'
 100 sks @1620' w/s floseal
 40 sks @380'
 10 sks @40'
 15 sks in RH

1300317 11470⁽²⁾ 53312

Thank you!

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

15-109-20549-00-00

15-109-20549-00-00

ORIGINAL

Phone 913-483-2227, Russell, Kansas

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

4264

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	2-26-93	Sec.	9	Fwp.	11	Range	33	Called Out	9:30 PM	On Location	1:30 AM	Job Start	2:15 AM	Finish	5:30 AM
Lease	Hecker	Well No.	#2-9	Location	MOUNTAIN VIEW #5			County	LOGAN	State	KANSAS				

Contractor	White & Ellis Drilling Rig 9	
Type Job	Plug	
Hole Size	7 7/8"	T.D.
Csg.	8 3/8"	Depth
Tbg. Size		Depth
Drill Pipe		Depth
Tool		Depth
Cement Left in Csg.		Shoe Joint
Press Max.		Minimum
Meas Line		Displace
Perf.		

Owner *Same*

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 listed.

Charge To *White & Ellis Drilling Inc.*

Street *P.O. Box 48848*

City *Wichita* State *Kan 67201-8848*

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. _____

X *[Signature]*

CEMENT *1 SK Flo-seal*

Amount Ordered *190 SKS 60/40 Poz 6% bel*

EQUIPMENT

#279 No.	Cementer	<i>M KAUFMAN</i>
Pumptrk	Helper	<i>DEAN R.</i>
No.	Cementer	
Pumptrk	Helper	
#282	Driver	<i>MIKE S.</i>
Bulktrk		
Bulktrk	Driver	

Consisting of			
Common	<i>114</i>	<i>685</i>	<i>786.90</i>
Poz. Mix	<i>76</i>	<i>300</i>	<i>228.00</i>
Gel.	<i>7</i>	<i>7.00</i>	<i>49.00</i>
Chloride			
Quickset			

DEPTH of Job

Reference:	<i>#</i>	<i>PUMP TRK</i>	<i>525.00</i>
		<i>225 Pernite 10m</i>	<i>2250</i>
		<i>Plug</i>	<i>21.00</i>
		Sub Total	<i>568.50</i>
		Tax	
		Total	

25# F105eal	<i>110</i>	<i>22.50</i>
Handling	<i>1.00</i>	<i>190.00</i>
Mileage <i>10m</i>	<i>.04</i>	<i>76.00</i>
	Sub Total	<i>1351.40</i>
	Total	

Remarks:

25 SKS @ 2625'

100 SKS @ 1620' w/s Flo-seal

40 SKS @ 380'

10 SKS @ 40'

15 SKS in Rat Hole

RECEIVED
STATE CORPORATION COMMISSION
3-8-1993

Floating Equipment *MAR 8 1993*

CONSERVATION DIVISION
Wichita, Kansas

[Signature]