

FORM MUST BE TYPED

SIDE ONE

ORIGINAL CONFIDENTIAL

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

KCC

OCT 25

Operator: License # 5585
Name: Clinton Production, Inc.
Address 330 N. Armour
City/State/Zip Wichita, KS 67206
Purchaser: Texaco / NCRA* - current purchaser
Operator Contact Person: Lou Clinton/Chris Clinton
Phone (316) 684-7996
Contractor: Name: Sterling Drilling Co.

License: 5142
Wellsite Geologist: William Stout
Designate Type of Completion
 New Well Re-Entry No Cover
 Oil SWD SLOW Temp. Abs.
 Gas ENHR SIGH
 Dry Other (Core, MSW, Expl., Cathodic)

If Workover/Re-Entry: old well info as follows:
Operator: _____
Well Name: RELEASED
Comp. Date _____ Old Total Depth _____
Deepening _____ Re-perf. _____ Conv. to Inj/SWD _____
Plug Back _____ PBTB _____
Commingled _____
Dual Completion _____ Docket No. _____
Other (SWD or Inj?) _____ Docket No. _____
7-12-93 7-19-93 7-30-93
Spud Date Date Reached TD Completion Date

County Reno
C - S/2 S/2 SE/4 Sec. 32 Twp. 23S Rge. 8 E W
330 Feet from N (circle one) Line of Section
1320 Feet from W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Moser Well # 2
Field Name Morton North
Producing Formation Swope & Hertha
Elevation: Ground 1667 KB 1676
Total Depth 3963 PBTB 3920
Amount of Surface Pipe Set and Cemented at 220 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cat.

Drilling Fluid Management Plan ALT 1 12-10-93
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume 400 bbls
Dewatering method used hauled
Location of fluid disposal if hauled offsite: _____
Operator Name Gee Oil Service
Lease Name Rogers SWD License No. 03546
NW Quarter Sec. 34 Twp. 23 S Rng. 13 E/W
County Stafford Docket No. D-23350

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KANSAS CORPORATION COMMISSION
OCT 25 1993
WICHITA, KANSAS

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 [Signature]
Title VICE PRESIDENT Date 10/25/93
Subscribed and sworn to before me this 25th day of OCTOBER, 19 93.
Notary Public [Signature]
SANDRA J. SMITH
State of Kansas
My Appt. Expires 94

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

Operator Name Clinton Production, Inc. Lease Name Moser Well # 2
 SIDE TMD

Sec. 32 Twp. 23 Rge. 8 East West
 County Reno

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Howard	2557	881
Electric Log Run (Submit copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	2672	996
List All E.Logs Run:		Heebner	3008	1332
		Douglas	3026	1350
		Lansing	3204	1528
		BKC	3575	1899
		Miss.	3668	1992
		Kinderhook	3694	2018
		Simpson	3954	2278
		RTD (LTD)	3963	2287

CN-CD, DI-S*P, SONIC

CASING RECORD							
Report all strings set-conductor, surface, intermediate, production, etc.							class A cement
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#	220'	60/40 Poz	185+50	2% gel, 3%cc 1/4 flosele/sack
Production	7 7/8	5 1/2	17#	3954'	ASC	175	10% salt, 5 lb/sx gilsonite mix @ 14.7 ppg.

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	Hertha 3548-52', 3525-27'	750 gal. 15% HCL MA, retreat w/	4000 gal. 15% SGA
4	Swope 3481-86'	750 gal. 15% HCL MA, retreat w/	5000 gal. 15% SGA

TUBING RECORD		Size	Set At	Packer At	Liner Run	Gas-Oil Ratio		Gravity
		2 3/8	3572'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			33
Date of First, Resumed Production, SWD or Inj.		Producing Method		Other (Explain)				
7/30/93		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping						
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.		
	x	56			x	40		

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

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

Production Interval: 3481-86', 3525-27', 3548-52'

WILLIAM M. STOUT
3725 E. MURDOCK
WICHITA, KANSAS 67208KCC
(316) 685-9160

CONFIDENTIAL

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KANSAS CORPORATION COMMISSION

OCT 25

OCT 25 1993

GEOLOGICAL REPORT

CONFIDENTIAL

CONSERVATION DIVISION
WICHITA, KS

#2 Moser
C S/2 S/2 SE Sec. 32-23s-8w
Reno County, Kansas
1676 K.B. 1667 G.L.

API# 15-155-21270

OPERATOR: Clinton Production Inc.
CONTRACTOR: Sterling Drilling Co.
COMMENCED: July 12, 1993
COMPLETED: July 19, 1993
SURFACE: 8 5/8" casing @ 220'.
PRODUCTION: 5 1/2" casing @ 3954'.
SAMPLE DEPTH: 10' samples were examined and saved from
2900' to 3963' RTD.
DRILLING TIME: 1' drilling time kept from 2500' to 3963' RTD.
ELECTRIC LOGS: Log-Tech Dual Induction, Compensated Neutron
Compensated Density, Borehole Compensated
Sonic - open hole.

ORIGINAL

FORMATION LOG TOPS
(Kelly Bushing Elevation)

Howard	2557 - 881
Topeka	2672 - 996
Heebner	3008 -1332
Douglas	3026 -1350
Lansing	3204 -1528
Base Kansas City	3575 -1899
Mississippi	3668 -1992
Kinderhook	3694 -2018
Simpson	3954 -2278
R.T.D. (L.T.D.)	3963 -2287

RELEASED

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SAMPLE DESCRIPTIONS

Swope 3481'

3481' - 3489' Limestone, light brown, fine crystalline, oolitic, fossiliferous, slightly chalky, strong odor, good show free oil - light brown, light brown stain some saturated, few gas bubbles, some bleeding oil, dull fluorescence, streaming cut, good oolitic porosity with a few vugs.

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CONFIDENTIAL

Drill Stem Test #1 3476' - 3492'
Open tool 30 min. with weak blow building to bottom of bucket 11 min. Close tool 45 min.
Open tool 45 min. with weak blow building to bottom of bucket 30 sec. Close tool 90 min.
Recovered 1710' gas in pipe, 10' slightly oil cut drilling mud (5% gas, 10% oil, 85% mud), 60' oil and gas cut muddy water (40% gas, 30% oil, 15% mud, 15% water), 60' oil and gas cut muddy water (40% gas, 35% oil, 15% water, 10% mud), 60' mud cut oily water, (20% gas, 60% oil, 15% water, 5% mud). Chlorides 38,000 ppm.

IFP 49-58psi FFP 97-107psi
ISIP 1377psi FSIP 1407psi
HP 1693-1671psi Temperature 124 degrees

ORIGINAL

Lower Hertha 3547'

3547' - 3552' Limestone, light brown, fine crystalline, fossiliferous, trace oolitic, slightly cherty, fair odor, good show free oil - brown, some bleeding oil and gas, good saturated brown stain, fair fluorescence, good cut, scattered intercrystalline porosity with trace oolitic porosity.

Drill Stem Test #2 3543' - 3556'
Open tool 30 min. with weak blow building to bottom of bucket 7 min. Close tool 45 min.
Open tool 45 min. with strong blow building to bottom of bucket 30 sec. Close tool 90 min.
Recovered 1382' gas in pipe, 15' clean oil 32 degree gravity, 15' heavy oil cut gassy mud (20% gas, 33% oil, 47% mud), 60' heavy oil and gas cut mud (45% gas, 25% oil, 30% mud), 60' slightly muddy gassy oil (10% gas, 86% oil, 2% water, 2% mud).

IFP 68-49psi FFP 97-88psi
ISIP 736psi FSIP 780psi
HP 1711-1701psi Temperature 114 degrees

The decision to run pipe was made because of the good sample shows, good drill stem test results, and good structural position. Both the Swope and Lower Hertha should be further evaluated through perforations.

Respectfully Submitted,

Bill Stout
William M. Stout
Geologist

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OCT 2 5 1993

CONSERVATION DIVISION
WICHITA, KS

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY INC.
P. O. BOX 31
RUSSELL, KANSAS 67665

CONFIDENTIAL

TO: Clinton Production
330 N. Armour
Wichita, KS 67202

KCC

INVOICE NO. 64433

PURCHASE ORDER NO. _____

OCT 25

CONFIDENTIAL

LEASE NAME Mosen #2 comp.

DATE July 19, 1993

SERVICE AND MATERIALS AS FOLLOWS:

ASC 175 sks @\$7.50	\$1,312.50
Kol Seal 875# @\$.36¢	315.00
Allied S. Flush 500 gal. @\$1.00	<u>500.00</u>

\$2,127.50

Handling 175 sks @\$1.00	175.00
Mileage (40) @\$.04¢ per sk permi	280.00
Long String	1,038.00
Mi @\$2.25 pmp trk chg	90.00
1 plug	<u>45.00</u>

1,628.00

1 Guide Shoe-----	\$ 125.00
1 AFU Insert-----	189.00
2 Cement Baskets-----	560.00
10 Centralizers-----	254.00
Rotating Head-----	<u>75.00</u>

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

1,203.00

Total

\$4,958.50

*Pa 8-16-93
CD 1175*

*X 80%
3966.80*

Thank you!

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

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KANSAS CORPORATION COMMISSION

OCT 25 1993

CONSERVATION DIVISION
WICHITA, KS

KCC

OCT 25 1993

Phone 913-483-2627, Russell, Kansas

OCT 25

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

CONFIDENTIAL

CONSERVATION DIVISION
WICHITA, KS

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

1269
ORIGINAL

NEW

Date	7/19/93	Sec.	32	Twp.	235	Range	8W	Called Out	12:00	On Location	4:00	Job Start	11:00	Finish	12:00	
Lease	Mosch	Well No.	2	Location	1450 Jet 2W 1N 1/2 W N15				County	Renov	State	KS				

Contractor	Sterling Rig 2	
Type Job	CMT 5 1/2 Long String	
Hole Size	7 7/8	T.D. 3963
Csg.	5 1/2 17"	Depth 3953
Tbg. Size		Depth
Drill Pipe		Depth
Tool		Depth
Cement Left in Csg.	31	Shoe Joint 31
Press Max.	850	Minimum 30
Meas Line		Displace 91.2
Perf.		

Owner	Same	
To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.		
Charge To	Clinton Production	
Street	330 No Armour	
City	WICHITA	State KS 67202
The above was done to satisfaction and supervision of owner agent or contractor.		
Purchase Order No.		
X	<i>Paul Paup</i>	

EQUIPMENT

Pumptrk	No. 234	Cementer	Max Ball
		Helper	Justin Hart
Pumptrk	No.	Cementer	
		Helper	
Bulktrk	242	Driver	John Kelley
Bulktrk		Driver	

CEMENT	
Amount	175 sks A.S.C. + 5 th Kol-5ea/
Ordered	500 gal A.S.F.
Consisting of	
Gammox	ASC 175 7.50 1312.50
Poz. Mix	
Gel.	
Chloride	RELEASED
Quicksret	KO-SAL 875 [#] 36 315.00
ALLIED SUPPLY	NOV 21 1994 1.00 500.00
Handling	175 FROM CONFIDENTIAL 7.00 175.00
Mileage	40 280.00
TOTAL	4958.50
LESS	991.70
#	3966.80
Sub Total	
Total	2582.50

DEPTH of Job

Reference:	3953	Pump Charge	1038.00
	40 mi	Mileage	90.00
	1 Ea	Top Rubber Plug	45.00
		Sub Total	
		Tax	
		Total	1173.00

Remarks: CMT 5 1/2 Long String with 20 BBL 100 gal A.S.F. 175 sks A.S.C. + 5th Kol-5ea Washop Pump + Lines Drop Plug Displace 1.2 BBL Land Plug Check Float Float Hold

Floating Equipment	
1 - 5 1/2 Guide Shoe	125.00
1 - 5 1/2 AFU Insert	189.00
2 - 5 1/2 Cement Basket	560.00
10 - 5 1/2 Centralizers	254.00
Rotating Head	75.00
	1203.00

TELEPHONE:
AREA CODE 913 483-2627

ALCO CEMENTING COMPANY, INC.
P. O. BOX 31
RUSSELL, KANSAS 67665

**ORIGINAL
CONFIDENTIAL**

TO: Clinton Production, Inc.
330 N. Armour
Wichita, KS 67206

KCC

INVOICE NO. 64374

OCT 25

PURCHASE ORDER NO. P-ORIG.

CONFIDENTIAL

BASE NAME Moser #2

DATE July 12, 1993

SERVICE AND MATERIALS AS FOLLOWS:

Common 161 sks @\$5.75	\$925.75	
Pozmix 74 sks @\$3.00	222.00	
Gel 4 sks @\$7.00	28.00	
Chloride 7 sks @\$25.00	175.00	
Flo Seal 46# @\$1.10	<u>50.60</u>	\$1,401.35
Handling 235 sks @\$1.00	235.00	
Mileage (40) @\$.04¢ per sk permi	376.00	
Surface	430.00	
Mi @\$2.25 pmp trk chg	90.00	
1 plug	<u>42.00</u>	<u>1,173.00</u>
	Total	\$2,574.35

Cement circulated

If account CURRENT 20% discount will be allowed ONLY if paid within 30 days.

Thank you! from date of invoice.

*10-8-93
ck 1161*

P. 1685-64

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

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KANSAS CORPORATION COMMISSION

OCT 25 1993

**CONSERVATION DIVISION
WICHITA, KS**

KCC

Phone 913-483-2627, Russell, Kansas

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CONSERVATION DIVISION
WICHITA, KS

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

1655

Home Office P. O. Box 31

Russell, Kansas 67665

ORIGINAL

New

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
7-12-93	32	23	8	7:00 AM	11:30 AM	1:30 PM	2:00 PM
Lease Moser	Well No. #2	Location Abhyville + 50, 1w, 1w, 4w, 1/2			County Reno	State KS	

Contractor <u>Stealing Rig #2</u>	Owner <u>Same</u>
Type Job <u>Surface</u>	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 <u>12 1/4"</u>	T.D. <u>224'</u>
Csg. <u>8 3/8" (20# New)</u>	Depth <u>219'</u>
Tbg. Size	Depth
Drill Pipe	Depth
Tool	Depth
Cement Left in Csg. <u>15'</u>	Shoe Joint
Press Max.	Minimum
Meas Line	Displace <u>13 1/4 bbl</u>
Perf.	

Charge To <u>Clinton Production Inc.</u>
Street <u>330 N. Armour</u>
City <u>Wichita</u> State <u>Ks. 67206</u>
The above was done to satisfaction and supervision of owner agent or contractor.
Purchase Order No.
X <u>Jerry Bellamy</u>
CEMENT
Amount Ordered <u>185 SKS 40, 32cc, 29021, 1/4 #1000/SK</u>
Consisting of <u>50 SKS COMMON, 32cc,</u>

EQUIPMENT	
No.	Cementer
# 181	Helper <u>Bob B.</u>
No.	Cementer
# 101	Driver <u>Bob B.</u>
# 222	Driver <u>Bob B.</u>

Common <u>161</u>	5.75	925.75
Poz. Mix <u>74</u>	3.00	222.00
Gel. <u>4</u>	7.00	28.00
Chloride <u>7</u>	25.00	175.00
Quickset		
<u>Glo Seal - 46</u>	1.10	50.60
Handling <u>235</u>	1.00	235.00
Mileage <u>40</u>	RELEASED	376.00

DEPTH of Job	
Reference:	
<u>40</u>	<u>Pumptrk Change 430.00</u>
<u>1</u>	<u>85' wooden Plug 42.00</u>
	<u>Subtotal</u>
	<u>Total 562.00</u>

NOV 21 1994
FROM CONFIDENTIAL Total 2012.35

Remarks: Cement Did Circulate

Floating Equipment
Total # 2574.35
Disc - 514.87
\$ 2059.48

Thank

Allied Cementing