

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

Operator: License # 5886
Name: Chief Drilling, Inc.
Address 120 S. Market, #300
Wichita, Kansas 67202
Purchaser: Koch
Operator Contact Person: Douglas W. Thimesch
Phone (316) 262-3791
Contractor: Name: Chief Drilling, Inc.
License: 5886
Wellsite Geologist: Kim Shoemaker

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/Re-Entry: old well info as follows:
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. _____
4-27-93 5-7-93 6-2-93
Spud Date Date Reached TD Completion Date

API NO. 15- 055-21191-0000 ORIGINAL
County Finney
NE - NW - SW - Sec. 32 Twp. 22S Rge. 30W ^E/_W
2310 FSL Feet N/S (circle one) of Section Line
4290 FEL Feet E/W (circle one) of Section Line
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Tarpley Well # 1-32
Field Name wildcat
Producing Formation Ft. Scott
Elevation: Ground 2853 KB 2860
Total Depth 4860 PBSD _____
Amount of Surface Pipe Set and Cemented at 358 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2094' Feet
If Alternate II completion, cement circulated from 2061'
feet depth to surf. w/ 453 sx cmt.
Drilling Fluid Management Plan 7-6-93
(Data must be collected from the Reserve Pit)
Chloride content 9m ppm Fluid volume 800 bbls
Dewatering method used _____
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 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 6-15-93
Subscribed and sworn to before me this 15 day of June
19 93.
Notary Public *[Signature]*
Date Commission Expires 1-22-95

6-25-93
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
RECEIVED
STATE CORPORATION COMMISSION

BETTY M. ABBOTT
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 1-22-95

Sec. 32 Twp. 22S Rge. 30W East West

County Finney

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:

Radiation Guard Log
 Compensated Density Neutron Log
 Dual Induction Log
 Gamma Ray Bond Log

Log Formation (Top), Depth and Datum Sample

Name Top Datum

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
Surface	12 1/4"	8 5/8"	20#	358	60/40 Pozmix	185	3%cc, 2%gel
Production	7 7/8"	4 1/2"	10.5#	4857	ASC	150	500 gal ASF

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/ft.	4584-4591'	500 gal MCA, 3000 gal 15%

TUBING RECORD Size 2 3/8" Set At 4814' Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 6-2-93 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil 30 Bbls. Gas -0- Mcf Water 6 Bbls. Gas-Oil Ratio _____ Gravity _____

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

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

Production Interval _____

ORIGINAL

Chief Drilling, Inc. (#5886)
120 S. Market, #300
Wichita, Kansas 67202

#1-32 Tarpley
NE NW SE, Sec. 32-22S-30W
Finney Co., Kansas
API #15-055-21191

ACO-1 Attachment Sheet

DST #1 4550-4604 (Paw., Ft. Scott)
30-45" 45-60", Rec. 630' gas in
pipe, 250' gassy mud cut oil.
FP 88/99# 143/154#, BHP 641/442#

DST #2 4710-4750 (St. Louis 'A')
30-30" 30-30"

Rec. 5' mud w/spks of oil
FP 55/55# 55/55#, BHP 55/55#

DST #3 4790-4815 (St. Louis 'C')

Wk blow, died 5" 30-30" 30-30"
Rec. 10' SOCM, FP 55/55# 55/55#
BHP 66/55#

DST #4 4568-4591 (Straddle)

1st open-blow off bottom 20"
2nd open-blow off bottom 1"
45-60" 60-120", Rec. 90' GIP,
50' clean gassy oil, 45' MCO,
FP 88/88# 99/99#, BHP 1313/1313#

FORMATION TOPS:

Anhydrite	2047	+813
Base/Anhy	2061	+799
Heebner	3971	-1111
LKC	4019	-1159
Stark	4331	-1471
Hushpuckney	4376	-1516
Marmaton	4487	-1627
Pawnee	4558	-1698
Mississippi	4716	-1856
St. Louis 'C'	4797	-1937
RTD	4860	-2000

LOG TOPS:

Base/Anhy	2060	+800
Heebner	3968	-1108
Lansing	4015	-1155
Stark	4329	-1469
Pawnee	4558	-1698
Cherokee	4594	-1734
Miss. St. Gen	4708	-1848
Miss. St. Louis	4798	-1938
LTD	4860	-2000

RECEIVED
STATE CORPORATION COMMISSION

JUN 25 1993

CONSERVATION DIVISION
Wichita, Kansas

2-2627, Russell, Kansas

ORIGINAL

Phone Plainville 913-434-2812

310-793-5661, Great Bend, Kansas

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

1243

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	5/7/93	Sec.	32	Twp.	22	Range	30W	Called Out	2:00	On Location	4 PM	Job Start	8:15	Finish	9:00 PM
Lease	Tarpley	Well No.		Location	156 + 23 Jct		10W 22 N			County	Finney	State	Ks.		
Contractor	Co Tools		Owner Same												
Type Job	Long String		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	7 7/8	T.D.	4860												
Csg.	4 1/2	10.5 #	Depth 4859												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool	Baker Port Collar		Depth												
Cement Left in Csg.		Shoe Joint													
Press Max.	1000 #	Minimum													
Meas Line		Displace	77.2 bbl												
Perf.															

EQUIPMENT

No.	Cementer	
Pumptrk 158	Helper	Gary Keith
No.	Cementer	
Pumptrk	Helper	
	Driver	Bill
Bulktrk 69	Driver	

DEPTH of Job 4859'

Reference:	Pump Truck	1101.00
70	Mileage	157.50
	4 1/2" TRP	33.00
	Sub-Total	
	Total	1291.50

Remarks: Pump flush, plug run + measure hole. Cement casing to displace. Float held.

Charge To	Chief Drilling Co., Inc.		
Street	Box 240		
City	Neosington State Mo. 67544		
The above was done to satisfaction and supervision of owner agent or contractor.			
Purchase Order No.	<i>[Signature]</i>		
Amount Ordered	150 ASC	CEMENT 500 gal	ASF
Consisting of			
Common	150 ASC	7.50	1125.00
Poz. Mix			
Gel.			
Chloride			
Quickset			
	500 gals ASF	1.00	500.00
Handling	150	1.00	150.00
Mileage	70		420.00
Total	\$ 5988.50		
	Disc - 1197.70		
	\$ 4790.80		
		Total	2195.00

Floating Equipment	
Guide Shoe	- 109.00
Insert Float	- 169.00
6 Cents	- 318.00
2 Bskts	- 226.00
1 Baker Port Collar	- 16.50

NO WARRANTY ON FLOAT EQUIPMENT

Thank you Van L. Hene

RECEIVED
 JUN 25 1993
 \$ 2502.00
 CONSERVATION DIVISION
 Wichita, Kansas

027, Russell, Kansas

ORIGINAL

Phone Plainville 913-434-2812

93-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

1402

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	4-27-93	Sec.	32	Twp.	22	Range	30W	Called Out	3 PM	On Location	6:30 P	Job Start	11:45 P	12	Finish	12
Lease	Jarpley	Well No.	1-32	Location	156 x 23 ft	104234N		County	Finney	State	Ks					
Contractor	Chief Drilling															
Type Job	Surface Csg.															
Hole Size	12 1/4	T.D.	J.E.F.													
Csg.	853	Depth	363													
Tbg. Size		Depth														
Drill Pipe		Depth														
Tool		Depth														
Cement Left in Csg.		Shoe Joint														
Press Max.		Minimum														
Meas Line		Displace	22 1/4													
Perf.																

Owner *Sense*

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 *Chief Drilling Inc.*

Street *Box 240*

City *Haisinton* State *Ks.* *67544*

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

Purchase Order No. *H. F. Dinkel*

X

CEMENT

Amount Ordered *185 60 2 x 3*

Consisting of

Common	111	5.75	638.25
Poz. Mix	74	3.00	222.00
Gel.	4	7.00	28.00
Chloride	6	25.00	150.00
Quickset			

Handling *185* *1.00* *185.00*

Mileage *70* *518.00*

Sub-Total

Total *1741.25*

EQUIPMENT

No.	Cementer	<i>Bess</i>	<i>Doss</i>
Pumptrk <i>158</i>	Helper		
No.	Cementer		
Pumptrk	Helper		
	Driver		
Bulktrk <i>69</i>	Driver		<i>Kent</i>

DEPTH of Job

Reference:	<i>Pump truck</i>	<i>430.00</i>
<i>70</i>	<i>milage</i>	<i>157.50</i>
<i>1</i>	<i>8 1/2 hrs</i>	<i>42.00</i>
	<i>63' at .39</i>	<i>24.57</i>
	Total	654.07

Remarks:

Cement did circulate

Allied Cementing
Bess Shaffer

Thank you!

Floating Equipment

TOTAL \$ 2395.32

Disc - 479.07

\$ 1916.25

RECEIVED
STATE CORPORATION COMMISSION

JUN 25 1993

CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL

483-2627, Russell, Kansas

Phone Plainville 913-434-2812

16-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

1202

Home Office P. O. Box 31

Russell, Kansas 67665

Date	5/20/93	Sec.	32	Twp.	22S	Range	30W	Called Out	08:00	On Location	10:30	Job Start	11:30	Finish	2:45
Lease	Tarpley	Well No.	1-32	Location 156+23 J. + 10W 2 1/2 NE int				County	Finney	State	Ks				
Contractor	Cheyenne											Owner	Same		
Type Job	Port Collar											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	7 7/8	T.D.	4860												
Csg.	4 1/2	10.5	Depth	4857											
Tbg. Size	2 3/8	Depth	2094												
Drill Pipe	BP	Depth	2185												
Tool Baker	Port Collar	Depth	2094												
Cement Left in Csg.		Shoe Joint													
Press Max.	1000	Minimum													
Meas Line		Displace													
Perf.															

EQUIPMENT

Pumptrk	224	No.	Cementer	Gary
			Helper	Keith
Pumptrk		No.	Cementer	Ben
			Helper	
			Driver	B. II
Bulktrk	199			
Bulktrk			Driver	

DEPTH of Job

Reference:	Pump Truck	525.00
	70 Mileage	157.50
	Stripper Head	75.00
	Sub-Total	
	Exp	
	Total	757.50

Remarks: Land hole. P-test BP to 1000' + Ki. Spnt 2' and Cement circulated.

Thanks you
J. J. [Signature]

Charge To	Chief Drilling Co Inc.		
Street	Box 240		
City	Hoisington	State	Ks 67544
The above was done to satisfaction and supervision of owner agent or contractor.			
Purchase Order No.	x [Signature]		
Amount Ordered	500 60/40 6% Gel 7/4 Florent	CEMENT Used	453 5x
Consisting of			
Common	272	5.75	1564.00
Poz. Mix	181	3.00	543.00
Gel.	27	7.00	189.00
Chloride			
Quickset	Sand 2	5.00	10.00
	F10 Seal 113	1.10	124.30
Handling	500	1.00	500.00
Mileage	70		1400.00
		Sub-Total	
		Total	4330.30

Floating Equipment

Total \$ 5087.80

Disc - 1017.50 RECEIVED

\$ 4070.30 JUN 25 1993