

ORIGINAL

SIDE ONE

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 Co., Inc.

Address 224 E. Douglas, #530

City/State/Zip Wichita, KS 67202

Purchaser: Koch

Operator Contact Person: Douglas W. Thimesch

Phone (316) 262-3791

Contractor: Name: Warrior Drilling Co.

License: 5883

Wellsite Geologist: Ron Dulos STATE CORPORATION COMMISSION

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

5-1-90 5-11-90 6-4-90
Spud Date Date Reached TD Completion Date

API NO. 15- 15-109-20,488-00-00

County Logan

SE SE SE Sec. 18 Twp. 12S Rge. 33 East West

330 Ft. North from Southeast Corner of Section

330 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

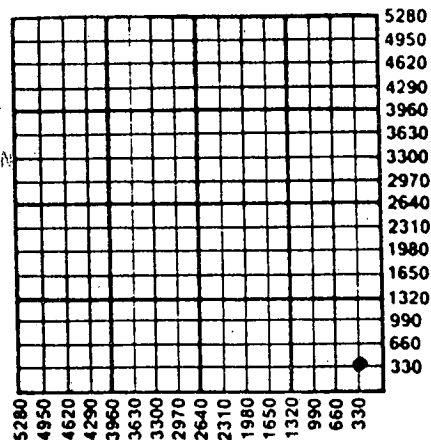
Lease Name BOUZIDEN Well # 1-18

Field Name Wildcat

Producing Formation Johnson

Elevation: Ground 3143 KB 3150

Total Depth 4765 PBTD --



Amount of Surface Pipe Set and Cemented at 393 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 2619 Feet

If Alternate II completion, cement circulated from 2619/1550'
feet depth to 1550/Surf. w/ 350/288 sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Douglas Thimesch
Title Vice President Date 6-18-90

Subscribed and sworn to before me this 18 day of July,
19 90.

Notary Public Betty M. Abbott
Betty M. Abbott
Date Commission Expires 1-22-91

BETTY M. ABBOTT
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 1-22-91

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

SIDE TWO

Operator Name Chief Drilling Co., Inc. Lease Name Bouziden Well # 1-18
 Sec. 18 Twp. 12S Rge. 33 East County Logan
 West

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.)

See attached sheet

Formation Description

Log Sample

Name _____ Top _____ Bottom _____

See attached sheet

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"	28#	393'	60/40 poz	180	3% c.c., 2% gel
Production	7 7/8	4 1/2"		4765'	ASC	175	WFRII
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used			Depth
4/ft	4657-4662'			Acidize 300 gal INS 15%			
				" 1000 gal INS 15%			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	Size	Set At	Packer At				
	2 3/8	4738'	-0-				
Date of First Production	Producing Method <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 35 Bbls.	Gas -0- Mcf	Water -0- Bbls.	Gas-Oil Ratio	Gravity		

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

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled

Other (Specify) _____

Production Interval _____

ACO-1 Attachment Sheet
 Chief Drilling Co., Inc. (#5886)
 #1-18 Bouziden
 SE SE SE, Sec. 18-12S-33W
 Logan County, Kansas

ORIGINAL

15-109-2120488-00-00

FORMATION TOPS:

Anhydrite	2614	+536
Base/Anhy	2635	+515
Heebner	4031	-881
Lansing	4072	-922
Muncie Creek	4217	-1067
Stark Shale	4304	-1154
Hushpuckney	4337	-1187
BKC	4367	-1217
Marmaton	4406	-1256
Pawnee	4503	-1353
Ft. Scott	4560	-1410
Cherokee	4584	-1434
Johnson	4627	-1477
Mississippi	4732	-1582
RTD	4765	-1615

LOG TOPS:

Anhydrite	2614	+536
Base/Anhy	2636	+514
Heebner	4033	-883
Lansing	4076	-926
Muncie Creek	4220	-1070
Stark Shale	4306	-1156
Hushpuckney	4338	-1188
BKC	4374	-1224
Marmaton	4409	-1259
Pawnee	4502	-1352
Ft. Scott	4560	-1410
Cherokee	4586	-1436
Johnson	4631	-1481
Mississippi	4730	-1580
LTD	4769	-1619

DST #1 4090-4174 (Lans. C, D&E)

Wk blo thru out, 30-30" 30-30"
 tool slid. Rec. 100' mud, 100' wtr.
 Chlorides 37,000 SIP 1210/1164#
 FP 89/133#, 133/178#

DST #2 4210-4278 (Lans. H&I)

Wk blow died in 20" 30-30" 30-30"
 Rec. 15' OCM. SIP 53/44#
 FP 44/44#, 44/44# Hyd. 1985/1939#

DST #3 4271-4311 (Lans. J)

Wk blow died 30" 30-30" 30-30"
 Rec. 10' sli O spd M. SIP 196/133#
 FP 53/53#, 53/53# Hyd. 1985/1939#

DST #4 4302-4349 (Lans. K - Middle Ck.)

Wk blow died 30" 30-30" 30-30"
 Rec. 10' O spd M. SIP 44/34#
 FP 35/35# 35/35# Hyd. 2077/2031#
 Drlg. @ 4470'

DST #5 4620-4658 (Johnson)

Strong blow off bottom in bucket 25"
 45-60" 60-60" Rec. 250' clean oil
 SIP 491/445# FP 80/98# 107/133#
 Hyd 2169/2133# 270 gravity

RECEIVED
 STATE CORPORATION COMMISSION

JUL 19 1990

CONSERVATION DIVISION
 Wichita, Kansas

2627, Russell, Kansas

6-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

15-109-20488-00-00

GENERAL TERMS AND CONDITIONS

ALLIED CEMENTING CO., INC. No. 8117

Home Office P. O. Box 31 Russell, Kansas 67665

AWW

Date	5.1.90	Sec.	18	Twp.	12	Range	33	Called Out	4:00 PM	On Location	7:45 PM	Job Start	9:45 PM	Finish	10:00 PM
Lease	Bouquiden	Well No.	18	Location	2N of Howard, 9W of Winton			County	Logan	State	Kansas				
Contractor	Warren Drilling Co.														
Type Job	Surface														
Hole Size	12 1/4	T.D.	395'												
Csg.	8 5/8 - 28"	Depth	395'												
Tbg. Size															
Drill Pipe	HEMOT2UC														
Tool															
Cement Left in Csg.	15'	Shoe Joint													
Press Max.	Minimum														
Meas Line	NO	Displace	342.23.7												
Perf.															

Owner: *Chief*

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 Co. Inc.*

Street: *1200 W. Vine*

City: *Hoisington* State: *Ks. 67544*

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

Purchase Order No. *11111*

X *Warren Bussis* JUN 1 3 1990

CEMENT CONSERVATION DIVISION
W. J. W. Kansas

Ness City

No.	Cement	Helper	Driver
<i>158</i>			
<i>96</i>			

Amount Ordered	<i>180 AX 60/40 pay 2% gel 3% cc</i>	
Consisting of		
Common	<i>108</i>	<i>6.00 648.00</i>
Poz. Mix	<i>72</i>	<i>2.40 172.80</i>
Gel	<i>4</i>	<i>1.75 70.00</i>
Chloride	<i>5</i>	<i>20.00 100.00</i>
Quickset		

DEPTH of Job		
Reference:	<i>Pump truck change</i>	<i>360.00</i>
<i>Oakley</i>	<i>Mileage</i>	<i>21.00</i>
<i>1. 8 5/8 TWP</i>		<i>40.00</i>
	Sub Total	
	Tax	
	Total	<i>421.00</i>

Cement did circulate (5 bbl cement)

Handling	<i>180</i>	<i>9.00 162.00</i>
Mileage	<i>21</i>	<i>113.40</i>
<i>Oakley</i>		
	Sub Total	
	Total	<i>1196.20</i>

Floating Equipment *\$1617.20*

Thank you.

FROM CONTRACTOR

2027, Russell, Kansas

15-109-20488-00-00

Phone Plainville 913-434-2812

793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

No 6942

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	Sec	Twp.	Range	Called Out	On Location	Job Start	Finish
5-11-90	18	22	33		11:45 am		4:00 pm
Lease	Well No.	Location		County	State		
Bouziden	1-18	Monument 6 1/2 S - W 200		Logan	Ks.		

Contractor	Warrior
Type Job	Production Casing
Hole Size	7 7/8 I.D. 4765
Csg.	4 1/2 Depth 4765
Tbg. Size	Depth
Drill Pipe	Depth
Tool	Depth
Cement Left in Casing	11.75
Shoe/Joint	11.75
Press Max.	Minimum
Meas Line	Displace
Port Caller	2619

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	Chief Drilling Co. Inc.
Street	1200 N. Vine
City	Horsington State Ks. 6754
The above was done to satisfaction and supervision of owner agent or contractor	
Purchase Order No.	
<i>Ray Lindemuth</i> JUN 1 3 1990	
Amount Ordered	175 yd ASC - 2068 WFR II

EQUIPMENT

# No.	Cementer	Allen
Pumptrk	Helper	Mike H.
No.	Cementer	
Pumptrk	Helper	
#	Driver	Curtis
Bulktrk	Driver	

Consisting of			
Concrete	175 ASC	8.00	1400.00
Poz. Mix			
Gel.			
Chloride			
Quickset			
WFR II	2068	.21	176.41
	840 lbs		
Handling	17.5	.90	157.5
Mileage	21		110.2
Sub Total			1844.11
Total			1844.11

DEPTH of Job	
Reference	
	838.00
	21.00
	31.00
Sub Total	
Total	890.00

Floating Equipment	
1-4 1/2 B. Shoe	- 104.00
1-4 1/2 insert	- 161.00
5-4 1/2 Casing	- 205.00
1-4 1/2 Limit Clamp	- 12.00
1-4 1/2 - Port Caller (taken)	- 1600.00
1-4 1/2 - Basket	- 108.00
	<u>2190.00</u>

Remarks: Float Held

TOTAL \$ 4924.15

DISC 984.83

\$ 3939.32 Thank you!

Phone 316-793-5861, Great Bend, Kansas

15-109-20488-0000
ORIGIN

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

ALLIED CEMENTING CO., INC. No. 6749

Home Office P. O. Box 31

Russell, Kansas 67665

Old

Date	7-12-90	Sec.	17	Twp.	12	Range	33	Called Out	8:30 AM	On Location	noon	Job Start	2:30 PM	Finish	5:45 PM		
Lease	Boycider	Well No.	1	Location				Monument 7d	County	Logan	State	Ka					
Contractor	Chesenne																
Type Job	Post Colbar																
Hole Size											T.D.						
Csg.											Depth						
Tbg. Size											Depth						
Drill Pipe	ret Plug Rod											Depth	2776				
Tool	Post Colbar											Depth	2613				
Cement Left in Csg.											Shoe Joint						
Press Max.											Minimum						
Meas Line											Displace						
Perf.																	

Owner
 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 Chief Drilling Inc.
 Street Box 240
 City Hoisington State Ko. 67544

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

Purchase Order No.
Gray Rudiments

CEMENT

Amount Ordered 600 #40 8% gel & # flo seal

Consisting of Used 350 lbs

Common	210	6.00	1260.00
Poz. Mix	140	2.40	336.00
Gel.	28	6.75	189.00
Chloride			
Quickset			
Flo Seal 87 #		.60	52.20
		Sales Tax	
Handling	600	.90	540.00
Mileage	16		288.00
		Sub Total	
		Total	2665.20

EQUIPMENT

Pumptrk	No.	Cementer	Ben	P.O.
	158	Helper		Bill S.
Pumptrk	No.	Cementer		
		Helper		
Bulktrk	No.	Driver		Brad
	96			
Bulktrk	No.	Driver		
	69			

DEPTH of Job

Reference:	Pump Tests	450.00
	Oakley mileage	16.00
Sub Total		
Tax		
Total		466.00

Remarks: map B50 also one circ

THANK YOU!

Total \$	3131.20
TAX	133.08
	3264.28
Disc	652.86
NET RECEIVED	2611.42

STATE CORPORATION COMMISSION

JUL 19 1990

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

15109-20488-00-00
 ORIGINAL

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

ALLIED CEMENTING CO., INC. No 4735

Home Office P. O. Box 31

Russell, Kansas 67665

Old

Date	7-13-90	Sec.	18	Twp.	125	Range	33W	Called Out	6:30 AM	On Location	9:00 AM	Job Start	2:00 PM	Finish	3:30 PM	
Lease	Rouzen	Well No.	1	Location	Monument 75	County	Logan	State	KS							
Contractor	Cheyenne					Owner	Same									
Type Job	Csg. Squeeze (Circ Cement)					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	4 1/2					Charge To: Chief Drilg. Co. Inc.										
Csg.	4 1/2					Street: Box 240										
Tbg. Size						City: Hoisington State KS 67544										
Drill Pipe						The above was done to satisfaction and supervision of owner agent or contractor										
Tool	Asco Retriable plug depth 2605'					Purchase Order No.										
Cement Left in Csg.						<i>Shirley Siedemann</i>										
Press Max.	800					CEMENT										
Meas Line						Amount Ordered										
Perf.	1550'					213 6 3/4 8 7/8 7 1/2 com 2% CC										

EQUIPMENT

Pumptrk	No.	Cementer	Ben	Kris
	158	Helper		Johnny
Pumptrk	No.	Cementer		
		Helper		
Bulktrk	6796	Driver		B. W
		Driver		

DEPTH of Job	1550'
Reference:	838.00 Pump Truck 838.00
	Mileage Pumptrk chg. 16.00
	Mileage 4 1/2 rubber plug 23.50
	Sub Total
	Tax
	Total 877.50

Remarks: Mix 250 lbs 6 3/4 8 7/8 gel
 75 com. 2% CC pumptrk
 plug to 7500 Cement Circ
 shut in 200 #
 Thank you!

Consisting of	2 sk SAND		
Common	203	6.00	1218.00
Poz. Mix	85	2.40	204.00
Gel.	13	6.75	87.75
Chloride			
Quickset			
	Sand - 2	4.75	9.50
		Sales Tax	
Handling	288	.90	259.20
Mileage	16		138.24
		Sub Total	
		Total	1916.69
Floating Equipment			
TOTAL	2794.19		
TAX	118.75		
	2912.94		
Disc	582.59		
STATE CORPORATION COMMISSION			
JUL 19 1990	\$	2330.35	