

ORIGINALS

SIDE ONE

11/11/90
RELEASED

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

API NO. 15- 171-20,395-00-00 11/7/1981
County Scott ~~BEHOLD CONFIDENTIAL~~
NE SW SW Sec. 10 Twp. 19S Rge. 31 East West

Operator: License # 5886
Name: Chief Drilling Co., Inc.
Address 224 E. Douglas, #350

990 Ft. North from Southeast Corner of Section
4290 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

City/State/Zip Wichita, KS 67202

Lease Name Popp Well # 1
Field Name Wildcat

Purchaser: none

Producing Formation none

Operator Contact Person: Douglas W. Thimesch
Phone (316) 262-3791

Elevation: Ground 2950 KB 2957

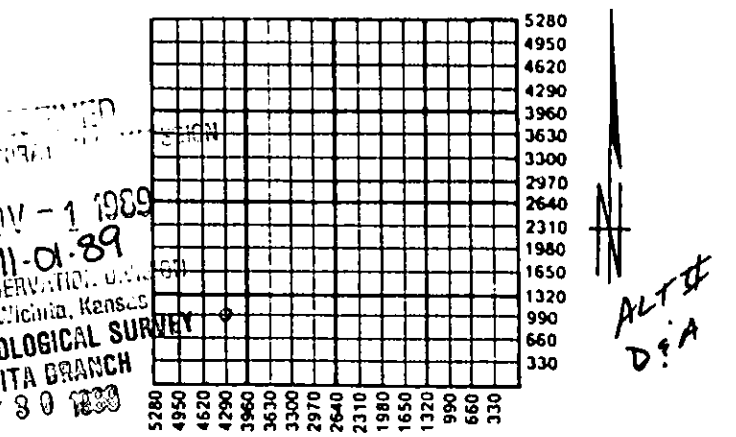
Contractor: Name: Warrior Drilling Company

Total Depth 4658 PBTD ---

License: 5883

Wellsite Geologist: Ron Dulos

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)



Amount of Surface Pipe Set and Cemented at 259 Feet

If OWM: old well info as follows:
Operator: _____

Multiple Stage Cementing Collar Used? Yes No

Well Name: _____

If yes, show depth set _____ Feet

Comp. Date _____ Old Total Depth _____

If Alternate II completion, cement circulated from _____

Drilling Method:
 Mud Rotary Air Rotary Cable

feet depth to _____ w/ _____ sx cmt.

10-13-89 10-24-89 10-24-89
Spud Date Date Reached TD Completion Date

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.

NOV - 1 1989
11-01-89
KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH
OCT 30 1989

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 W. Thimesch
Title Vice President Exploration Date 10-31-89

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Subscribed and sworn to before me this 31 day of October, 19 89.

Notary Public Betty M. Abbott
Date Commission Expires January 22, 1991

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

SIDE TWO

Operator Name Chief Drilling Co., Inc. Lease Name Popp Well # 1
 Sec. 10 Twp. 19S Rge. 31 East County Scott
 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 **RELEASED**
 Log Sample **1991 7 1991**
 Name _____ Top _____ Bottom _____
FROM CONFIDENTIAL

see attached sheet

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	20 #	259	60/40 pozmix	160	3% c.c., 2% gel
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Depth			(Amount and Kind of Material Used)
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size	Set At	Packer At					
Date of First Production	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 ACO-18.)

METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____

Production Interval _____

Chief Drilling Co., Inc.
 #1 Popp
 NE SW SW
 Sec. 10-19S-31W
 Scott County, Kansas

ACO-1
 Attachment Sheet

FORMATION TOPS:

Anhydrite	2275	+682
Base/Anhy	2292	+665
Heebner	3922	-965
Lansing	3964	-1007
Muncie Creek	4145	-1188
Stark	4242	-1285
Hushpuckney	4281	-1324
BKC	4320	-1363
Marmaton	4360	-1403
Pawnee	4457	-1500
Ft. Scott	4499	-1542
Cherokee	4520	-1563
Mississippi	4587	-1630
RTD	4658	-1701

RELEASED

NOV 17 1991

FROM CONFIDENTIAL

STATE OF KANSAS
 COMMISSION

NOV 1 1969

STATE OF KANSAS
 COMMISSION
 Wichita, Kansas

DST #1 4170-4254 (Lans 160,180,200')
 Strong blow off bottom 8"
 30-30", 45-45", Rec. 6' O, 650' MW
 Chlorides 63,000, SIP 1119-1119#,
 FP 133-223#, 267-401#
 Running DST #2 4281-4368
DST #2 4281-4368 (Lans. 'L',Pleas.)
 St bl off bottom.. 30-30" 30-45"
 Rec. 265' CO, 200' VSOCW, less 1% O,
 1950' Wtr. SIP 1074-1164#, FP 697-
 1074#, 1164-1164#
DST #3 4281-4299 (Lans. 'L')
 Wk blo died 15", 30-30" 30-45"
 Rec. 5' Mud, BHP 1119-1164#
 44-44#, 44-44#
DST #4 4390-4409 (Marm. "B")
 Wk blo died 25", 30-30" 30-30"
 Rec. 15' M, BHP 1010-1006#
 FP 44-44# 44-44#
DST #5 4390-4455 (Marm. "C")
 Strong blo in 25" 30-30" 60-45"
 Rec. 900' Wtr., Chlor. 92,000
 BHP 1119-1119#, FP 116-223# 267-482#
DST #6 4451-4553 (Pwn., Ft.Sc., Up.Cher.)
 Wk blo died 15", 30-30" 30-30",
 Rec. 3' O, 35' M, BHP 133-80#, FP 44-44#
 44-44#
DST #7 4537-4619 (Johnson, Sand & Miss.)
 Wk blo died 30", 30-30" 30-30"
 Rec. 280' Mdy wtr., Chlorides 71,000,
 BHP 1133-1119#, FP 62-89# 133-151#

NOV 30 1969

KANSAS GEOLOGICAL SURVEY
 WICHITA BRANCH

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31

RUSSELL, KANSAS 67665

TO: Chief Drilling Co. Inc.
1200 N. Vine
Hofington, Kansas 67544

INVOICE NO. 54995

PURCHASE ORDER NO.

LEASE NAME Popp #1

DATE Oct. 13, 1989

SERVICE AND MATERIALS AS FOLLOWS:

Common 96 sks @\$5.00 \$ 480.00
Posmix 64 sks @\$2.25 144.00
Gal 3 sks @\$6.75 20.25
Chloride 5 sks @\$20.00 100.00

\$ 744.25

Handling 160 sks @\$0.90 144.00
Mileage (50) @\$0.03¢ per sk per mi 240.00
Surface 360.00
Mi @\$1.00 pmp. trk. 50.00
1 plug 40.00

834.00

Total

1,578.25

Cement circ.

STATE OF KANSAS
NOV - 1 1989
THANK YOU

RECEIVED
OCT 20 1989

10
5105
11-13-89
6001301
283

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1% PERCENT CHARGED THEREAFTER

Phone 913-403-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

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

ALLIED CEMENTING CO., INC.

No 6831

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	10-13-89	Sec.	10	Twp.	19	Range	31	Called Out		On Location	5:15 am	Job Start		Finish	6:15 pm
Lease	POPP	Well No.	1	Location	Crisman 55, 344, N. 100'			County	Scott	State	Ks				
Contractor	Wagner Drilling #2											Owner	Same		
Type Job	Surface Casings											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.	26.2												
Csg.	8 5/8	Depth	26.2												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.	15'	Shoe Joint													
Press Max.		Minimum													
Meas Line		Displace	✓												
Perf.		STATE													

EQUIPMENT NOV - 1 1989

#	No.	Cementor	Allen
Pumptrk	195	Helper	Tim
#	No.	Cementor	
Pumptrk		Helper	
#	No.	Driver	Ed (Russell)
Bulktrk		Driver	

DEPTH of Job

Reference:	Pump Hk Chg.	360.00
	Pump Hk. Mileage	50.00
	1 5/8" Plug	40.00
	Sub Total	
	Tax	
	Total	450.00

Remarks: Cement Did Circulate
 Plug was 170' down
 THANK YOU!

CEMENT

Amount Ordered	160 St 6 1/4" 8 1/2"
Consisting of	
Common	96 5.00 480.00
Poz. Mix	64 2.25 144.00
Gel.	3 6.75 20.25
Chloride	5 20.00 100.00
Quickset	
Handling	160 90 144.00
Mileage	50 240.00
Sub Total	1128.25
Floating/Equip. Fee	1578.25
Loss Disc -	315.65
Total	\$ 1262.60

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31

RUSSELL, KANSAS 67665

TELEPHONE:
AREA OF 316 913 488-8887

TO: Chief Drilling Co. Inc.

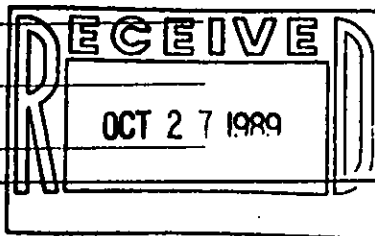
INVOICE NO. 55068

1200 N. Vine

PURCHASE ORDER NO.

Holsington, Ks. 67544

LEASE NAME Popp #1



DATE Oct. 24, 1989

SERVICE AND MATERIALS AS FOLLOWS:

Common 123 sks @\$5.00	\$ 615.00	
Pozmix 82 sks @\$2.25	184.50	
Gel 12 sks. @\$6.75	<u>81.00</u>	\$ 880.50
Handling 205 sks @\$0.90	184.50	
Mileage (50) @\$0.03c per sk per mi	307.50	
Plugging	450.00	
Mi @\$1.00 pmp. trk.	50.00	
1 plug	<u>20.00</u>	<u>1,012.00</u>
	Total	\$ 1,892.50

- 50 sks. @2200'
- 80 sks. @1500'
- 40 sks. @ 280'
- 10 sks. @ 40'
- 15 sks. in R. H.
- 10 sks. in M. H.

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

THANK YOU

ALL PRICES ARE NET. PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1% PERCENT CHARGED THEREAFTER

STATE OF KANSAS

NOV - 1 1989

REGISTRATION DIVISION
Wichita, Kansas

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No. 7846

New

Date	10-24-89	Sec.	10	Twp.	19	Range	31	Called Out	1:00 P.M.	On Location	3:50 P.M.	Job Start	4:15 P.M.	Finish	6:15 P.M.
Lease	POPP	Well No.	1	Location			Lupton 55-1E			County	Scott	State	Ks		
Contractor	Wernon														
Type Job	R. Plug														
Hole Size	7 3/4"		T.D.	4658											
Csg.			Depth												
Tbg. Size			Depth												
Drill Pipe	4 1/2"		Depth	2200'											
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 *Chief Drilling Co. Inc.*

Street *1200 N. Vine*

City *Hoisington* State *Ks* *67544*

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

Purchase Order No. _____

X *Marion Currie*

CEMENT

Ness

EQUIPMENT

Pumptrk	No. 46	Cementer	<i>Mike</i>
		Helper	<i>Gary</i>
Pumptrk	No.	Cementer	
		Helper	
Bulktrk	No. 96	Driver	<i>Brian</i>
Bulktrk		Driver	

Amount Ordered *205.60/40 690 gel*

Consisting of

Common	123	5.00	615.00
Poz. Mix	82	2.25	184.50
Gel.	12	6.75	81.00
Chloride			
Quickset			

Handling *205* .90 *184.50*

Mileage *50* *307.50*

Sub Total *1372.50*

Total *1372.50*

DEPTH of Job

Reference:	<i>Pump Trk Chg</i>	<i>450.00</i>
	<i>Pump Trk Mileage</i>	<i>50.00</i>
	<i>Wiper Plug</i>	<i>20.00</i>
	Sub Total	
	Tax	
	Total	<i>520.00</i>

Remarks:

1st Plug at 2200' w/ 50 Sks

2nd Plug at 1500' w/ 80 Sks

3rd Plug at 280' w/ 40 Sks

4th Plug at 40' w/ 10 Sks

Rot Hole w/ 15 Sks - (Money) w/ 10 Sks

Thank you

Flating Equipment

TOTAL \$ 1892.50

Less Disc - 378.50

\$ 1514.00