

SIDE TWO

Operator Name Chief Drilling, Inc.

Lease Name Smith

Well # 1-27

Sec. 27 Twp. 19S Rge. 33
 East
 West

County Scott

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.)

Formation Description

Log Sample

Name

Top

Bottom

CASING RECORD

New 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	155	3% c.c., 2% gel

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD

Size Set At Packer At Liner Run Yes No

Date of First Production Producing Method Flowing Pumping Gas Lift 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

ORIGINAL

KCC

Chief Drilling, Inc. (Op.#5886)
 224 E. Douglas, #530
 Wichita, Kansas 67202

ACO-1 Additional Sheet
 #1-27 Smith (API #15171720,427)-0000
 NE NE SW, Sec. 27-19S-33W
 Scott County, Kansas

CONFIDENTIAL

FORMATION TOPS:

Anhydrite	2170	+802
Base Anhy	2187	+785
Heebner	3812	-840
LKC	3852	-880
B/Pleasanton	4287	-1315
Marmaton	4303	-1331
Pawnee	4398	-1426
Ft Scott	4439	-1467
Cherokee	4460	-1488
Morrow	4577	-1605
Mississippi	4652	-1680
RTD	4737	-1765

LOG TOPS:

Anhydrite	2170	+802
Base Anhy	2184	+788
Heebner	3810	-838
Lansing	3854	-882
B/Pleasanton	4283	-1311
Marmaton	4300	-1328
Pawnee	4389	-1417
Ft Scott	4428	-1456
Cherokee	4453	-1481
Morrow	4574	-1602
Mississippi	4640	-1668
LTD	4739	-1767

DST #1 3931-3981 (Lans 50' & 70')

30-45" 60-60"
 Rec. 93' GIP, 280' CGO, 25°
 280' MCOW, 7% M, 18% O, 75% wtr.
 1200' water. IF 133/446# 535/804#
 BHP 1028/1028# Chlorides 58,000

DST #2 3981-4070 (Lans 90' & 100')

30-45" 60-60"
 Rec. 1700' water, chlorides 62,000
 FP 151/446# 535/849# BHP 1056/1056#

DST #3 4077-4108 (Lans 160' zone)

30-45" 90-60"
 Rec. 170' muddy water. Chlorides
 67,000 FP 89/89# 89/116#
 BHP 983/939#

DST #4 4115-4143 (Lans 180' zone)

30-30" 30-30" Rec. 2150' water
 Chlorides 69,000. IF 133/625#
 FF 715/939# BHP 1101/1101#

DST #5 4141-4200 (Lans "K" zone)

30-45" 60-60" Rec. 550' water
 Chlorides 65,000, FP 107/133#
 178/267# BHP 1074/1074#

DST #6 4201-4310 (Lans. L/Pleas)

30-30" 30-30" Rec. 930' MOW, 33% mud, 20% oil, 47% wtr.,
 930' water. cc 60,000. FP 133/491# 535/759#, BHP 1164/1164#

DST #7 4540-4662 (Morrow)

30-30" 30-30" Rec. 15' M, FP 44/44# 35/35#, BHP 849/535#

RECEIVED
 STATE CORPORATION COMMISSION

MAY 08 1991

CONSERVATION DIVISION
 Wichita, Kansas

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No 1034

CONFIDENTIAL

New

Date	4-11-91	Sec.	27	Twp.	19	Range	33	Called Out	6 ³⁰ PM	On Location	9 ³⁰ AM	Job Start	9 ³⁰ AM	Finish	10:15 PM
Lease	Smith	Well No.	1-27		Location			Scott City 8524 W. W. 1/2		County	SOCK	State	KS		
Contractor	Chief Drilling R.G.#														
Type Job	Surface Pipe Job														
Hole Size	12 1/4	T.D.	261 ft												
Csg.	9 5/8	Depth	261 ft												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.	15 ft	Shoe Joint													
Press Max.		Minimum													
Meas Line	246 ft	Displace	16 bbl.												
Perf.															

EQUIPMENT

Pumptrk	No.	Cementer	Mike
	154	Helper	Brad
Pumptrk	No.	Cementer	
		Helper	Mr. [unclear]
		Driver	Bill [unclear]
Bulktrk	96		
Bulktrk		Driver	

DEPTH of Job 261 ft

Reference:	Pump Truck charge	380.00
64	miles charge	128.00
1	wooden plug	42.00
	Sub Total	
	Tax	
	Total	550.00

Remarks: Cement did Circulate

Owner: Sam R. [unclear]

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

Street: 224 E. Douglas Suite #530

City: Wichita State: KS 67202

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

Purchase Order No. [unclear]

X Mariana Burris

Amount Ordered: 155.00

Consisting of:

Common	9.3	5.25	488.25
Poz. Mix	62	2.25	139.50
Gel.	3	6.75	Nil
Chloride	5	21.00	105.00
Quickset			
			Sales Tax
Handling	155	1.00	155.00
Mileage	64		396.80
			Sub Total
			Total
			1284.55
			Floating Equipment
			1834.55
			366.91
			4107.61

Allied Cementing Co. Inc. Frank
 Mile Monach 704

RECEIVED
 STATE CORPORATION COMMISSION

MAY 11 1991
 CONSERVATION DIVISION
 Wichita, Kansas

ORIGINAL KCC
ALLIED CEMENTING CO., INC.
 Home Office P. O. Box 31
 Russell, Kansas 67665

No 2971

CONFIDENTIAL

"New"

Date	4-22-91	Sec.	27	Twp.	19	Range	33	Called Out	10:30 PM	On Location	1:30 AM	Job Start	3:00 AM	Finish	6:00 AM
Lease	Smith	Well No.	1-27			Location	Shallowater 2 W			County	Scott	State	Ka		
Contractor	Warrior														
Type Job	Rotary Plug														
Hole Size	7 7/8			T.D. 4737'											
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 *Chief*

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 *Box 240*
 City *Hoisington* State *Ks* *67544*

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

Purchase Order No.

Mason Burris

CEMENT

Amount Ordered *205 sk 60/40 67% gel*

EQUIPMENT

Ness

No.	Cementer	
Pumptrk 158	Helper	
No.	Cementer	<i>J.D.</i>
Pumptrk	Helper	<i>Bob</i>
	Driver	<i>Bill</i>
Bulktrk 116	Driver	

Consisting of			
Common	<i>123</i>	<i>5.25</i>	<i>645.75</i>
Poz. Mix	<i>82</i>	<i>2.25</i>	<i>184.50</i>
Gel.	<i>123</i>	<i>6.75</i>	<i>81.00</i>
Chloride			
Quickset			
Handling	<i>205</i>	<i>1.00</i>	<i>205.00</i>
Mileage	<i>64</i>		<i>524.80</i>
Total			<i>1641.05</i>

DEPTH of Job

Reference:	<i>Pump truck charge</i>	<i>475.00</i>
<i>64</i>	<i>Mileage</i>	<i>128.00</i>
	<i>1 8 5/8 dry hole plug</i>	<i>20.00</i>
	Sub-Total	
	Total	<i>623.00</i>

Floating Equipment

TOTAL \$ 2264.05

Disc - 452.81

\$ 1811.24

RECEIVED
 STATE CORPORATION COMMISSION

Remarks:

1st 2200' - 50 sk

2nd 1400' - 80 sk

3rd 280' - 40 sk

4th 40' - 10 sk

15 sk in rat hole

10 sk in mouse hole

By Allied Cementing

Thank you.

MAY 08 1991

CONSERVATION DIVISION
 Wichita, Kansas