

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

Operator: License # 5015

Name: HELLAR DRILLING CO.

Address 125 N. Market

City/State/Zip Wichita, KS 67202

Purchaser: _____

Operator Contact Person: Don Hellar

Phone: 316 267-2845

Contractor: Name: ABERCROMBIE RTD, INC.

License: 30684

Wellsite Geologist: Bob Douglass

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:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back _____ PBTD

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Inj?) _____ Docket No. _____

09-29-94 10-07-94 12/16/94

Spud Date Date Reached TD Completion Date

API NO. 15- 101-21,688-00

County LANE

SE - SE - SW Sec. 5 Twp. 16S Rge. 27 ^E _W

330 Feet from N (circle one) Line of Section

2310 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Christian Church Well # 2

Field Name _____

Producing Formation _____

Elevation: Ground 2615 KB 2620

Total Depth 4550' PBTD 1863

Amount of Surface Pipe Set and Cemented at 255.14 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1050'

feet depth to 1051' w/ 257 sx cmt.

Drilling Fluid Management Plan alt II 3-26-96
(Data must be collected from the Reserve Pit) RU

Chloride content 15000 ppm Fluid volume 1875 bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

RELEASED

Operator Name _____

Lease Name _____ License No. 1006

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

FROM CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 President Date 12/20/94

Subscribed and sworn to before me this 20th day of December, 1994.

Notary Public [Signature]

Date Commission Expires June 16, 1996

K.C.C. OFFICE USE ONLY

- F Letter of Confidentiality Attached
- C Wireline Log Received
- C Geologist Report Received

- Distribution
- KCC
 - KGS
 - SWD/Rep
 - Plug
 - NGPA
 - Other

(Specify)

RECEIVED
KANSAS CORPORATION COMMISSION

JUDY C. RIDDER
STATE NOTARY PUBLIC
SEDGWICK COUNTY, KANSAS
MY APPT. EXP. 6/16/96

Form ACO-1 (7-91)

JAN 27 1995
01-27-1995
CONSERVATION DIVISION
WICHITA, KANSAS

Operator Name: HENRIAR DRILLING CO
 Lease Name: CHRISTIAN CHURCH
 Well #: 2

Sec. 5 Twp. 16S Rge. 27
 East West
 County: LANE
 SIDE TWO

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.

Log	Formation (Top), Depth and Datums	Name	Top	Datum
<input checked="" type="checkbox"/>		Anhydrite	2043	+ 577
<input type="checkbox"/>		Heebner	3863	-1245
<input type="checkbox"/>		Lansing	3902	-1282
<input type="checkbox"/>		Stark	4152	-1532
<input type="checkbox"/>		B-KC	4210	-1590
<input type="checkbox"/>		Mississippi	4489	-1869
<input type="checkbox"/>		RTD	4552	

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	Setting	Depth	Type of Cement	# Sacks	Type and Percent Additives
Surface	12 1/4		8 5/8"		23#	255.14	60/40	Posmix	180	2% gel 3% cc
Production			5 1/2"		15 1/2#	1862.82'	60/40	Posmix	500	6% gel 1/4# flosea

Depth	Type of Cement	#Sacks Used	Type and Percent Additives
1050-51	60/40 Poz &	257	182 SX 60/40 Poz; 75 SX common

Shots Per Foot	PERFORMANCE RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
2	1795-1812	None

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	1755'	1755'	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Disposition of Gas: Vented Sold Used on lease (if vented, submit ACO-18.)
 Open Hole Perf. Dually Comp. Commingled
 Production Interval
 1795-1812

METHOD OF COMPLETION
 Estimated Production Per 24 Hours
 Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity
 Date of first, Resumed Production, SMD or Inj. January 4, 1995
 Producing Method Flowing Pumping Gas Lift Other (Explain)

15-101-21688-00-00

Phone 913-483-2627, Russell, KS
Phone 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS
Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS
Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC. 0006991

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

CONFIDENTIAL

ORIGINAL

New

Date	12-12-94	Sec.	S	Twp.	16	Range	27W	Called Out	7:00/AM	On Location	11:00/AM	Job Start	12:45/PM	Finish	4:30/AM
Lease	CHRISTIAN CHURCH		Well No.	2		Location	1/2 E 30 W 1/2 TENNELUIS			County	LAKE		State	KS	

Contractor	EXPRESS WELL SERVICE		
Type Job	CIRCULATE CEMENT TO SURFACE		
Hole Size	7 7/8"	T.D.	4550
Csg.	5 1/2"	Depth	1862.8"
Tbg. Size	3"	Depth	937'
Drill Pipe		Depth	
Tool	ANT	Depth	937'
Cement Left in Csg.	60'	Shoe Joint	
Press Max.		Minimum	
Meas Line		Displace	3 3/4 + 1 1/4
Perf.	1050'		

Owner	HELLAR DRUG CO.	
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	HELLAR DRUG CO.	
Street	125 N. MARKET #1442	
City	WICHITA	State KS
The above was done to satisfaction and supervision of owner agent or contractor.		
Purchase Order No.	X <i>Ronald J. [Signature]</i>	
Amount Ordered	CEMENT 75% COMMON 3% CC - 20% GEL 235# 60/40 6% GEL 7% CC 1/4" SEAL	

EQUIPMENT

No.	Cementer	<i>BUD</i>
Pumptrk 191	Helper	<i>TIM</i>
No.	Cementer	
Pumptrk	Helper	
Bulktrk 240	Driver	<i>BJAR</i>
Bulktrk	Driver	

Consisting of	USED	RELEASED	
Common	184 SX	6.10	1222.40
Poz. Mix	73 SX	3.15	227.95
Gel.	22 SX	1770 9.50	209.00
Chloride	8 SX	28.00	224.00
Quickset	FROM CONFIDENTIAL		
Fo Seal 51"		1.15	67.25
Handling	310.5	1.05	325.50
Mileage	310 04	38	471.20
Sub Total			2749.90
Total			2749.90

DEPTH of Job	
Reference:	PUMP TRUCK CHG 752.50
Ness City 30 " " MILES	89.30
Sub Total	
Tax	
Total	

Floating Equipment	Book	3591.49
	LESS	718.30
	Net \$	2873.19

Remarks: PERFS 1050' DVA SET AT 937'
MIX 13% GEL SURVEY 182 SX 60/40 FOZ 2% CC 2% GEL
1/4" SEAL 75% COMMON 3% CC DISPLACED BELT
DOE SHOT IN CEMENT (CIRCULATED)
WITNESSED BY STATE REP. RICHARD HACY
SEE PAGES

THANKS
ALLIED

RECEIVED
STATE CORPORATION COMMISSION
JAN 27 1995
CONSERVATION DIVISION
WICHITA, KANSAS

15-101-21688-00-00

ORIGINAL

Phone 316-793-5861, Great Bend, KS

Phone 913-672-3471, Oakley, KS

Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

CONFIDENTIAL

624 1994
W

New

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
9-29-94	5	16	27	5:00pm	8:00pm	12:30pm	1:00pm
Wistan Church case	Well No.	Pen/Leas Location	County	State			
	2	3N-Winto	99	KS			

Contractor	Abercrombie Rtd #8
Type Job	SURFACE
Hole Size	12 1/4
Csg.	8 1/2
Tbg. Size	
Drill Pipe	
Tool	
Cement Left in Csg.	
Press Max.	
Meas Line	15.48
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	Heller Dr Lg. CO
Street	125 N Market
City	Wichita
State	K 67202
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
Cement	
Amount Ordered	180 @ 40 2+3

EQUIPMENT

No.	Cementer	Don H
Pumptrk 181	Helper	Tim D
No.	Cementer	
Pumptrk	Helper	
	Driver	RICK W
Bulktrk 214	Driver	

Consisting of		6021.00
Common	108	5.75
Poz. Mix	72	3.00
Gel.	3	9.00
Chloride	5	25.00
Quickset		
Handling	180	1.00
Mileage	38	
Total		1442.80

DEPTH of Job	257'
Reference:	Pump Truck 430.00
	38 mileage 85.50
	1 8 1/8 Plug 42.00
Total	557.50

Floating Equipment	
TOTAL	\$ 1982.85
DISC	590.57
	\$ 1392.28

Remarks: Pumped all cement
Released plug displaced
Down cement did circulate
By Allied Cementing
Don
Harris

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STATE CORPORATION COMMISSION
JAN 27 1995
DIVISION
WICHITA, KANSAS

Phone 913-483-2627, Russell, KS
 Phone 316-793-5861, Great Bend, KS

15-101-21088-00-00
 Phone 913-625-5516, Hays, KS
 Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS
 Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC.

6224

Home Office P. O. Box 31

CONFIDENTIAL

Russell, Kansas 67665

ORIGINAL

(NEW)

10-07-94	Sec. 5	Twp. 16	Range 27W	Called Out 11:00/AM	On Location 2:00/PM	Job Start 6:00/PM	Finish 6:45/PM
CHRISTIAN CHURCH	Well No. 2	Location PENNELL 3N W/S		LANE	County	State KANSAS	

Contractor	A.P.E.R.C. ROUBIE RIG #8	
Job	SHALLOW DISPOSAL STRING	
Size	7 7/8"	T.D. 4550
	5 1/2"	Depth 1862.8'
Size	Depth	
Well Pipe	Depth	
Well	Depth	
Amount Left in Csg.	Shoe Joint 42'	
Loss Max. 200#	Minimum 0	
Loss Line	Displace 43 3/4 BLS	

Owner	HELLAR DRILLING CO.
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	HELLAR DRILLING CO.
Street	125 N. MARKET #1442
City	WICHITA
State	KS 67202
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X <i>Ronald J. Smarsh</i>	
CEMENT	

EQUIPMENT

Operator	No. 224	Cementer	BUD
		Helper	MIKE
Operator	No.	Cementer	
		Helper	
Operator	199	Driver	BILL
Operator	69	Driver	

PTH of Job	
Expense:	PUMP TRUCK CHG.
38	PUMP TRUCK MILES
1	TOP 5 1/2" RUBBER
	Sub Total
	Tax
	Total

Remarks: **JOBLOG ATTACHED**

Amount Ordered	500 SK 60/40 PZ 6% GEL 1/4 FS 50 SK COMMON
Consisting of	DEED 476 SK 60/40 PZ 6% GEL 1/4 FS 50 SK COMMON
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
	Sales Tax
Handling	
Mileage	
	Sub Total
	Total
Floating Equipment	1-5 1/2" BIKER GUNNIE SHOE
	1 " INSERT
	4 " CENTRALIZERS
	2 " BASKETS
	6 " ARROW SCREENER

STATE CORPORATION COMMISSION
 JAN 27 1995
 CONSERVATION DIVISION
 WICHITA, KANSAS

15-101-21688-00-00

Phone 913-483-2627, Russell, KS
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ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

6991

ORIGINAL

New

Date	12-12-94	Sec	5	Fwp	16	Range	27W	Called Out	7:00/AM	On Location	11:00/AM	Job Start	12:45/PM	Finish	4:30/AM	
Lease	CHRISTIAN CHURCH	Well No.	2	Location	1/2 30 WK TENNELUS	County	LAKE	State	KS							
Contractor	EXPRESS WELL SERVICE								Owner	HELLAR DRILL CO.						
Type Job	CIRCULATE CEMENT TO SURFACE								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.	4550'													
Csg.	5 1/2"	Depth	1862.8"													
Tbg. Size	2"	Depth	937'													
Drill Pipe		Depth														
Tool	ADT	Depth	937'													
Cement Left in Csg.	60'	Shoe Joint														
Press Max.		Minimum														
Meas Line		Displace	3 3/4 + 1 1/4													
Perf.	1050'															

Charge To: HELLAR DRILL CO.
 Street: 125 N. MARKET #1442
 City: WICHITA State: KS 67202
 The above was done to satisfaction and supervision of owner agent or contractor.
 Purchase Order No. X *Ronald J. Smith*
 CEMENT
 75% Common 3% CC - 20 MG
 Amount Ordered: 235 1/4 60/40 6% Gel. 7% CC 1/4" CEMENT

EQUIPMENT CONFIDENTIAL

No.	Cementor	<i>BOB</i>
Pumptrk 181	Helper	<i>TIM</i>
No.	Cementor	
Pumptrk	Helper	
Bulktrk 240	Driver	<i>BOB</i>
Bulktrk	Driver	

Consisting of	USED		
Common	184 SY.	6.10	1222.40
Poz. Mix	73 SY.	3.5	229.95
Gel.	22 SY.	9.50	209.00
Chloride	8 SY.	28.00	224.00
Quickset			
FLOEAL 59#		1.15	67.85
Sales Tax			
Handling	310 SY.	1.05	325.50
Mileage	310 04	38	471.20
Sub Total			
Total			2749.90

DEPTH of Job		
Reference:	Pumptrk 181	752.50
	MILES	8930
Sub Total		
Tax		
Total		

Flooding Equipment
 Hook 3591.49
 less 718.30
 Net \$ 2873.19

Remarks: PERFS 1050' DKA SET AT 937'
 11V BSK GEL SURVEY 182 SY 60/40 AZ 2% CC 2% 62
 1/4" FSEAL 75 SY COMMON 3% CC DISPLACED BELOW
 tool SET IN CEMENT CIRCULATE
 WITNESSED BY STATE REP RICHARD LACY
 SEE LOG

THANKS ALLIED

15-101-21688-00-00
PIPE TALLY

EASE/UNIT/FACILITY CHRISTIAN CHURCH WELL No. 2 DATE October 7 1994

PIPE RUN. SIZE 5 1/2" WEIGHT 15.5 GRADE used TYPE JOINT _____ MAKE A & W Supply NO. FT. _____
 PIPE RUN. SIZE _____ WEIGHT _____ GRADE _____ TYPE JOINT _____ MAKE _____ NO. FT. _____
 PIPE RUN. SIZE _____ WEIGHT _____ GRADE _____ TYPE JOINT _____ MAKE _____ NO. FT. _____

CONFIDENTIAL ORIGINAL

NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT		TALLY OF JOINTS NOT RUN	
	NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT
1	42	63	51		101		151		201		251		
2	42	42	52		102		152		202		252		1
3	41	77	53		103		153		203		253		2
4	42	37	54		104		154		204		254		3
5	42	60	55		105		155		205		255		4
6	42	55	56		106		156		206		256		5
7	41	53	57		107		157		207		257		6
8	42	27	58		108		158		208		258		7
9	42	47	59		109		159		209		259		8
10	40	00	60		110		160		210		260		9
11	35	98	61		111		161		211		261		10
12	42	63	62		112		162		212		262		11
13	42	52	63		113		163		213		263		12
14	42	41	64		114		164		214		264		13
15	41	46	65		115		165		215		265		14
16	40	35	66		116		166		216		266		15
17	42	66	67		117		167		217		267		16
18	41	25	68		118		168		218		268		17
19	42	08	69		119		169		219		269		18
20	42	40	70		120		170		220		270		19
21	42	18	71		121		171		221		271		20
22	44	50	72		122		172		222		272		21
23	42	56	73		123		173		223		273		22
24	42	08	74		124		174		224		274		23
25	41	63	75		125		175		225		275		24
26	42	40	76		126		176		226				
27	33	21	77		127		177		227				

RELEASED
APR 9 1996
FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION
JAN 27 1995
CONSERVATION DIVISION
WICHITA, KANSAS

Circulation interrupted

CONFIDENTIAL
After mixing and displacing 400 sacks of 60/40 poz we lost circulation just as the cement was expected to show up at the surface. We discontinued mixing the 60/40 poz, switching to the 50 sacks of common and displacing same to bottom. We did not recover the circulation. Ran a temperature log-top cmt: 1050'.

Float Equipment--Christain Church #2

1-guide shoe: @ 1863'
1-insert float: @ 1820'
4-centralizers: @ 1695', @ 1482', @ 945', @ 475'
2-baskets: @ 1822', @ 1445'
6-scratchers: @ 1795', @ 1755', @ 1715', @ 1680',
 @ 1645', @ 1595'

RECEIVED

APR 4 1981

FROM CONFIDENTIAL