

MUST BE TYPED

SIDE ONE

15-095-21676-0000

095-21,672 676

CONFIDENTIAL

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

KCO

API NO. 15-

County

Kingman Co., Kansas

SEP 17

SW NW NE

Sec. 7

Twp. 27

Rge. 9

X E

Operator: License # 30815

Name: Cedarford Enterprises, Inc.

Address: P.O. Box 782677

City/State/Zip: Wichita, Kansas 67278-2677

Purchaser:

Operator Contact Person: W. Todd Seymour

Phone (316) 733 8001

Contractor: Name: Duke Drilling, Inc.

License: 5929

Wellsite Geologist: Todd Seymour

Designate Type of Completion

New Well Re-Entry Workover

XX

Oil SWD SIOV Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSV, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: RELEASED

Well Name: OCT 26 1995

Comp. Date: Old Total Depth

Deepening Re-Entry PSTD

Plug Back PSTD

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

6/14/93

6/23/93

± 7-5-93

Spud Date

Date Reached TD

Completion Date

4290 Feet from S/W (circle one) Line of Section

17280 Feet from N/W (circle one) Line of Section

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

Lease Name: Helm Well # 1

Field Name

Producing Formation: Miss

Elevation: Ground 1737 KB 1746

Total Depth 4400 PSTD

Amount of Surface Pipe Set and Cemented at 350 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cat.

Drilling Fluid Management Plan ACT 1
(Data must be collected from the Reserve Pit)

Chloride content ppm Fluid volume bbls

Dewatering method used Pits were jetted & water hauled off

Location of fluid disposal if hauled offsite:

Operator Name: Nicholas Water Service

Lease Name: Helm #1 License No. 48 091 6634

NE/4 Quarter Sec. 7 Twp. 27s 9 Rng. 9 E/W

County: Kingman Docket No. #16535

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: *W. Todd Seymour*

Title: President Date: 9-15-93

Subscribed and sworn to before me this 15th day of September 19 93.

Notary Public: Ruth M. Bassett

Date Commission Expires: May 30, 1995

K.C.C. OFFICE USE ONLY RECEIVED
F Letter of Confidentiality
C Wireline Log Received
C Geologist Report Received
SEP 27 1993
Distribution
XCC
XCS
SWD/APP
plus
KSPA
CONSERVATION DIVISION
Wichita, Kansas

RUTH M. BASSETT
State of Kansas
My Appt. Exp 5/30/95

Cedarford Enterprises

Helm

#1

Operator Name

Lease Name

Well #

Sec. 7

Top. 27

Rge. 9

East
West

County Kingman

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 (Attach Additional Sheets.)

Yes No

Samples Sent to Geological Survey

Yes No

Cores Taken

Yes No

Electric Log Run (Submit Copy.)

Yes No

List All E.Logs Run:

Log

Formation (Top), Depth and Datum

Name Top Datum

see attach sheet: DST #1 #2 #3

CASING RECORD

New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: 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. Rows include Surface and Production.

ADDITIONAL CEMENTING/SQUEEZE RECORD

Table with 5 columns: Purpose, Depth (Top Bottom), Type of Cement, #Sacks Used, Type and Percent Additives. Includes checkboxes for Perforate, Protect Casing, Plug Back TD, Plug Off Zone.

Table with 3 columns: 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. Includes data for 3 shots and acidized 500 gal 15% h11 FE Acid.

TUBING RECORD. Size 2 1/2 Set At Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 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 Perf. Dually Comp. Commingled Other (Specify)

Production Interval Mississippian

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ORIGINAL

Helm #1 Drill Stem Test
API# 15-095-21676

DST #1 3988-4022
60"-60"-60"-60"
Gas to surface 16"
IFP: 105-126
IBHP: 1133
FFP: 136-157
FBHP: 1091

Rec: 350' oil cut gassy mud

KCC

SEP 1 7

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DST #2 4024-4062
60"-60"-60"-60"
1-st F.B. Building to B.O.B. in 25"
2-nd W.B. Building to B.O.B. in 40"
IFP: 94-105
IBHP: 1164
FFP: 115-147
FBHP: 1164

Rec: 720 Gip
405' oil cut and mud cut water
60' oil cut mud 3% oil, 30' mud, 67' water
225' muddy water w/trace oil
120' water

RELEASED

OCT 2 6 1995

FROM CONFIDENTIAL

DST #3 4280' - 4288'
45"-30"-30"-30"
1st W.B. Died 31"
2nd W.B. Died 12"
IFP: 21-21
IBHP: 42
FFP: 21-21
FBHP: 42
REC: 15' mid

LOG TOPS:

Heebner 3284-1538
Brown Lime 3452-1706
Lansing 3462-1716
Base of KC 3867-2121
Viola 4279-2533
RTD 4400-2654

RECEIVED
STATE CORPORATION COMMISSION

SEP 27 1993

CONSERVATION DIVISION
Wichita, Kansas

CONFIDENTIAL

ALLIED CEMENTING CO., INC.

ORIGINAL 3149

Home Office P. O. Box 31

Russell, Kansas 67665

Job No. <u>New</u>	Sec. <u>7</u>	Twp. <u>27</u>	Range <u>9</u>	Called Out <u>2:00 pm</u>	On Location <u>5:15 pm</u>	Job Start <u>6:15 pm</u>	Finish <u>7:30 pm</u>
Case <u>Helm</u>	Well No. <u>1</u>	Location <u>5 mi. N. of Russell Rd. 5 mi. E. of Highway 160</u>		County <u>Kingman</u>	State <u>Ks</u>		

Contractor <u>Duke #5</u>	Owner <u>Cedar Ford Enterprise</u>
Job Type <u>Surface</u>	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.
Well Size <u>12 1/2"</u>	Charge To <u>Duke Drilling Inc.</u>
Log. <u>8 1/2"</u>	To <u>Cedar Ford Enterprise</u>
Log. Size	Street <u>Box</u>
Drill Pipe	City <u>Great Bend</u> State <u>Ks</u> <u>67530</u>
Tool	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Cag. <u>15'</u>	Purchase Order No. <u>11</u>
Press Max.	X <u>for cement</u>
Meas Line	CEMENT
Perf.	Amount Ordered <u>190 60 350 260</u>

EQUIPMENT

Pumptrk No. <u>195</u>	Cementor <u>Don H.</u>
	Helper <u>Ken R</u>
Pumptrk No.	Cementor
	Helper
Bulktrk <u>261</u>	Driver <u>Ducan S</u>
Bulktrk	Driver

Consisting of	
Common	<u>114</u>
Poz. Mix	<u>76</u>
Gel.	<u>4</u>
Chloride	<u>6</u>
Quickset	
Handling	<u>190</u>
Mileage	<u>25</u>

KCC
SEP 17
CONFIDENTIAL

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OCT 26 1995
FROM CONFIDENTIAL

DEPTH of Job	
Reference:	<u>Pump Truck</u>
	<u>Plug</u>
<u>50'</u>	<u>at 39</u>
<u>25</u>	<u>Mileage</u>

Remarks: Pumped all cement + Released
Plug Displaced Down showing
cement did circulate
by Allied Cementing
Thank Don
Harris

RECEIVED
STATE CORRELATION COMMISSION
SEP 27 1993
CONSERVATION DIVISION
Wichita, Kansas

PLATT, KS

CONFIDENTIAL

DATE 6-27-93

HALLIBURTON SERVICES

YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICES TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: CEDAR FORD ENTERPRISES (CUSTOMER)
AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

SEP 17

WELL NO. 1 LEASE HELM SEC. 7 TWP. CONFIDENTIAL RANGE 9W

LD COUNTY KINGMAN STATE KS OWNED BY _____

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
<u>Mississippi</u>							
CASING		<u>U</u>	<u>14"</u>	<u>5 1/2</u>	<u>KB</u>	<u>4240</u>	
LINER							
TUBING							
OPEN HOLE					RELEASED		SHOTS/FT.
PERFORATIONS					OCT 26 1995		
PERFORATIONS					FROM CONFIDENTIAL		
PERFORATIONS					FROM CONFIDENTIAL		

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED _____

CEMENT SB PRODUCTION CASING WITH 150 SKS STANDARD W/ 10% SALT, .58 HAALD-322

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

CONSIDERATION THE CUSTOMER'S OBLIGATION THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

To pay Halliburton in accordance with the rates and terms stated in Halliburton's current price list, invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default, payment of Customer's account shall be due on the 1st of the month following the month in which the invoice is dated. Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 15% per annum. In the event it becomes necessary to employ attorneys to enforce collection of this account, Customer agrees to pay all collection costs and attorney fees in the event of the recovery of the account.

To defend, indemnify, and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against all claims, damages, losses and suits on the basis of defense to the extent permitted by law for:

- Damage to property, in the possession of or leased by Customer, and/or the well owner of different from Customer, including but not limited to, surface and subsurface damage. The well owner shall not lose working and royalty interest owners.
- Reservoir formation or wellbore damage, subsurface trespass or any action in the nature thereof.
- Personal injury, or death or property damage (including but not limited to, damage to the reservoir, formation or well or any damage whatsoever growing out of or in any way connected with or resulting from production or operations, in the control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section (a) and Section (b) below shall apply to claims or liability even if caused or contributed to by Halliburton, its divisions, subsidiaries, parent or any vessel owned, operated or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton (whether the preparation, design, construction or marketing thereof) or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections (a) and (b) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them.

Due to the uncertainty of subsurface conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the product, supplies or materials used in the treatment or service nor the accuracy of any chart, interpretation, research analysis, or recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.

Halliburton warrants only that the products, supplies and materials are that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS FOR USE, OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in the use of products, supplies or materials shall be limited to the replacement or repair of such products, supplies or materials. Halliburton's liability is expressly limited to the replacement of such products, supplies or materials. Halliburton's option to the knowledge to the Customer of such facts shall be limited to the facts which shall Halliburton be liable for such incidents under the terms of this contract.

Customer shall indemnify Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against all claims, damages, losses and suits on the basis of defense to the extent permitted by law for:

Damage to property, in the possession of or leased by Customer, and/or the well owner of different from Customer, including but not limited to, surface and subsurface damage. The well owner shall not lose working and royalty interest owners.

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Damage to property, in the possession of or leased by Customer, and/or the well owner of different from Customer, including but not limited to, surface and subsurface damage. The well owner shall not lose working and royalty interest owners.

SIGNED [Signature] CUSTOMER

DATE 6-21-93

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SEP 27 1993
CONSERVATION DIVISION
Wichita, Kansas

WELL DATA

SEC. 7 TWP. 27S RNG. 9W COUNTY KINGMAN STATE KS

FORMATION NAME _____ TYPE _____
 CEMENTATION THICKNESS _____ FROM _____ TO _____
 INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____
 PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____
 COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
 PACKER TYPE _____ SET AT _____
 BOTTOM HOLE TEMP _____ PRESSURE _____
 MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	U	14'	5 1/2"	KB	4240	
LINER				KCC		
TUBING						
OPEN HOLE				SEP 17		SHOTS/FT.
PERFORATIONS				CONFIDENTIAL		
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
6-27-93	6-27-93	6-27-93	6-27-93
DATE	DATE	DATE	DATE
TIME 1300	TIME 1600	TIME 2106	TIME 2135

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
SOAT COLLAR		
SOAT TYPE AFB 5 1/2"	1	HALCO
SLIDE SHOE REG 5 1/2"	1	" "
CENTRALIZERS S-4 5 1/2"	7	" "
BOTTOM PLUG		
TOP PLUG S-W 5 1/2"	1	" "
HEAD PIC 5 1/2"	1	" "
PACKER		
OTHER SCRATCHERS 5 1/2"	15	" "

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
J. Woodrow 62573	PIU 37537	PRATT KS
K. DUTAIT 86668	5000 RCM	" "
K. GORDLEY 68500	50808 BULK	" "

MATERIALS

HEAT FLUID _____ DENSITY _____ LB/GAL-API _____
 SPL FLUID _____ DENSITY _____ LB/GAL-API _____
 COP. TYPE _____ SIZE _____ LB. _____
 COP. TYPE _____ SIZE _____ LB. _____
 CIP TYPE _____ GAL. _____ % _____
 CIP TYPE _____ GAL. _____ % _____
 CIP TYPE _____ GAL. _____ % _____
 DEFACANT TYPE _____ GAL. _____ IN. _____
 AGENT TYPE _____ GAL. _____ IN. _____
 FLUID LOSS ADD. TYPE _____ GAL-LB. _____ IN. _____
 FILLING AGENT TYPE _____ GAL-LB. _____ IN. _____
 W.C. RED. AGENT TYPE _____ GAL-LB. _____ IN. _____
 PACKER TYPE _____ GAL-LB. _____ IN. _____
 LOCKING AGENT TYPE _____ GAL-LB. _____
 RFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

RELEASED

NOV 26 1995

FROM CONFIDENTIAL

DEPARTMENT CEMENT
 DESCRIPTION OF JOB CEMENT 5 1/2" LONG STRING
 JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.
 CUSTOMER REPRESENTATIVE X. New E. Ruben
 HALLIBURTON OPERATOR _____ COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	150	STANDARD	HALCO	B	10% GEL - SP HAWK - 322	1.20	15.8

PRESSURES IN PSI _____ SUMMARY _____ VOLUMES _____
 CULATING _____ DISPLACEMENT _____ PRELUSH: BBL-GAL 500 TYPE Mud Wash
 BACKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL-GAL _____ PAD: BBL-GAL _____
 FRACTURE GRADIENT _____ TREATMENT: BBL-GAL _____ DISPL. BBL-GAL 102
 INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL-GAL 32
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL-GAL _____
 AVAILABLE _____ USED _____ REMARKS _____
 AVERAGE RATES IN BPM _____
 DISPL _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 REASON INSERT FLOAT

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 SEP 27 1995
 CONSERVATION DIVISION
 Wichita, Kansas

CUSTOMER CEDAR FORD ENTERPRISES
 LEASE # 115122
 WELL NO. 1
 JOB TYPE 5 1/2" LONG STRING

LOG

LEASE # 114111 TITLE NO. 321011
 CUSTOMER CEDAR Ford Enterprises PAGE NO. 1
 JOB TYPE 5 1/2" Long String DATE 6-23-93

3 R-2

J. #	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1630					CONFIDENTIAL		JOB READY ORIGINAL
	1700							called out for job
	1606					KCC		pump truck + Bulk truck on location
						SEP 17		SET up pump truck
	1725					CONFIDENTIAL		Rig laying down DRILL PIPE DR. LAYED DOWN DO GEAR WORK
	1815							START RUNNING 5 1/2 GSG + FLT EQUIP CASING ON BOTTOM 4240'
	2000							HOOK UP PIC + CIRCUITING IRON START CIRCUITING WITH RIG PUMP LAY DOWN R-11 + M-11 THROUGH CIRCUITING
	2106	6.0	12			200	0	HOOK UP TO PUMP TRUCK pump 500 GAL (2 BALS) MUD FLUSH SHUT DOWN
			4.0					HOOK UP TO R-11 + M-11 plug R-11 WITH 10 STS / plug M-11 w/ 10 STS
	2116	8.0	28.0			250	0	HOOK BACK UP TO 5 1/2 GSG START MIXING CEMENT THROUGH MIXING CEMENT SHUT DOWN
	2135	9.0	103.			250	1500	WASH OUT PUMP + LINES RELEASE PLUG START DISPLACING plug DOWN RELEASE FLOAT FLOAT HELD HAD GOOD MUD CIRCULATION THROUGH OUT JOB
								THANK YOU! WOODIE, KURT, KEVIN

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 STATE COMMISSION
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 Wichita, Kansas