

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

ORIGINAL

API NO. 15- 175-21247  
County Seward  
C - NW - NW Sec. 28 Twp. 32 Rge. 31 X W

Operator: License # 7344

Name: Clyde M. Becker

Address 212 First National Bldg.

City/State/Zip Ponca City, OK 74601

Purchaser: \_\_\_\_\_

Operator Contact Person: Clyde M. Becker

Phone ( ) \_\_\_\_\_

Contractor: Name: Cheyenne Drilling, Inc.

License: 5382

Wellsite Geologist: Clyde M. Becker, Jr.

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  SOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

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

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Inj/SWD  
Plug Back \_\_\_\_\_ PBD  
Comingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

4-27-92 5-8-92 5-9-92  
Spud Date Date Reached TD Completion Date

660 Feet from S (circle one) Line of Section

660 Feet from E (circle one) Line of Section

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

Lease Name Greeson Well # 1

Field Name Wildcat

Producing Formation \_\_\_\_\_

Elevation: Ground 2790 KB 2801

Total Depth 6025 PBD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 1700 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan AIR DR  
(Data must be collected from the Reserve Pit)

Chloride content 2000 ppm Fluid volume 500 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

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 Clyde M. Becker

Title Operator Date 5-28-92

Subscribed and sworn to before me this 28th day of May, 19 92.

Notary Public Maxine Holmes  
MAXINE HOLMES

Date Commission Expires 11-14-92

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
RECEIVED  
STATE CORPORATION COMMISSION NGPA  
KGS \_\_\_\_\_ Plug \_\_\_\_\_ Other \_\_\_\_\_  
JUN 1 1992  
6-1-92  
CONSERVATION DIVISION  
FORM ACD-1 (Rev. 8-81)

91

Operator Name: Clayde M. Becker Lease Name: Greeson Well # 11  
 Sec. 28 Twp. 32 Rge. 31  East  West  
 County: Seward

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.)  
 List All E.Logs Run: Induction & Density  
 Neutron

Log	Formation (Top), Depth and Datum	Sample
	Name Top Datum	
	Chase 2627 +180	
	Heebner 4272 -1465	
	Marmaton 5027 -2220	
	Chester 5618 -2811	
	St. Gen 5760 -2953	
	St. Louis 5865 -3058	

CASING RECORD <input 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	24	1700	Pos & lite	685	2% cc

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	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  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

**CLYDE M. BECKER**  
OIL PRODUCER

~~ORIGINAL~~  
ORIGINAL

CLYDE M. BECKER  
212 FIRST NATIONAL BLDG.  
PONCA CITY, OKLAHOMA 74601  
(405) 765-8788

May 12, 1992

CLYDE M. BECKER, JR.  
718 17TH STREET, SUITE 1160  
DENVER, COLORADO 80202  
(303) 595-4045

**GEOLOGICAL REPORT:**

Clyde M. Becker  
#1 Greeson  
CNWNW Sec. 28 - 32S-31W  
Seward County, Kansas

Spud: April 27, 1992  
P&A: May 8, 1992  
Contractor: 8-5/8" set at 1700'  
Gr Elevation: 2796'  
KB Elevation: 2807'

Formation Tops	Driller	Log
Stone Corral Anhydrite	1628	NA
Base Anhydrite	1709 (+1098)	1714 (+1093)
Chase Group	2627 (+180)	2634 (+173)
Council Grove	2967 (-160)	2972 (-165)
Heebner Shale	4272 (-1465)	4271 (-1464)
Lansing Group	4392 (-1585)	4391 (-1584)
Marmaton Group	5027 (-2220)	5026 (-2219)
Cherokee Shale	5203 (-2396)	5203 (-2396)
Atoka	5439 (-2632)	5444 (-2637)
Morrow Shale	5521 (-2714)	5522 (-2715)
Chester	5618 (-2811)	5620 (-2813)
St. Genevieve	5760 (-2953)	5778 (-2971)
St. Louis	5865 (-3058)	5866 (-3059)
TD	6025 (-3218)	6027 (-3220)

DST #1 - 2607-2720 Herrington, Upper & Lower Krider  
Times 25/40/40/60

Recovery: 70 feet of mud

IF = 1" in 5 min. plugging  
FF = 1" in 20 min. plugging

IHP 336  
IFP 42-53  
isip 217  
IFP 63-68  
FSIP 121  
FHP 1294

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DST #2 - 3198-3248 Council Grove "G" Zone  
Times 30/6/5/0

IF: Weak built to bottom of bucket in 21 min., wall sticking indicated when tool was shut-in.

FF: Surface blow for 2 minutes

Recovery: 30 feet of water cut mud  
300 feet of water (cL 24,000)

ORIGINAL

IHP 1556  
IFP 55-146  
ISIP 558  
FFP 197-186  
FSIP NA  
FHP 1521

DST #3 - 4386-4410 Lansing "A"  
Times 15/33/40/72

IF: Weak to bottom of bucket in 5 min.

FF: Weak to bottom of bucket in 19 min.

Recovery: 590 feet of gas in pipe  
65 feet of slightly gas and very slightly oil cut mud  
60 feet of salt water (cL 42,500)

IHP 2154  
IFP 44-46  
ISIP 1112  
FFP 69-84  
FSIP 1168  
FHP 2074

DST #4 - 5895-5975 St. Louis "B"  
Times 30/45/45/70

IF: Weak built to 8 inches in 30 min.

FF: Weak built to 6 inches in 45 min.

Recovery: 135 feet of oil and gas cut mud avg. 5% oil  
60 feet of oil and mud cut water 5% oil, 40% mud

IHP 3065  
IFP 63-95  
ISIP 1341  
FFP 100-131  
FSIP 1368  
FHP 2843

The #1 Greeson ran fairly high structurally; however, porosity was inadequate in all of the primary objective zones.

Good gas kicks corresponded to the Herrington, upper and lower Krider zones. Due to these gas kicks and a favorable structural position, DST #1 was run, recovering only 70 feet of mud. This test is typical of DST's which are below the gas column.

A 62 unit gas kick corresponded to the Council Grove "G" zone. This zone was tested with a recovery of 30 feet of water cut mud and 300 feet of water (cL 24,000).

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Significant gas of unknown origin was detected in the mud from 3890 to 4200 feet. This gas did not correspond to any significant zones and may have been due to fracturing or possibly contamination by diesel or motor oil.

The Topeka showed no gas increase. A 100-unit gas increase corresponded to the Toronto. This gas kick was much less than the Heebner Shale and judged to be insignificant. Logs showed this zone to be very wet. An excellent 8 foot drilling break and a good gas kick corresponded to the Lansing "A", a primary objective in the #1 Greeson. Samples showed white to buff colored fossiliferous limestone with slight interfossiliferous porosity and fair show. Due to the excellent drilling break and gas kick, I felt that I had not seen the better porosity and DST #3 was run. This test recovered 590 feet of gas in pipe, 65 feet of slightly gas and very slightly oil cut mud and 60 feet of salt water. Logs showed much better porosity (12-17%) than the test would indicate. If this zone had contained better permeability, it would probably have been productive.

Good gas kicks were seen in the #1 and #2 benches of the Marmaton; however, only very fine crystalline limestone with poor porosity was seen in the samples. Logs confirmed the low porosity in these zones.

The Novinger bench which produces nearby showed no porosity development in the #1 Greeson.

A two foot porosity zone at 5370' in the lower Cherokee appears possibly productive on the logs and corresponded to a drilling break and a 390 unit gas kick. However, due to its thinness and the rarity of commercial Cherokee production, further testing was not justified.

A two foot basal Atoka sand at 5518' and a 3 foot Morrow sand at 5584' both appear potentially productive on the log and both correspond to excellent gas kicks. Samples showed fine grained sandstone with poor visible porosity and fair oil show. A completion was attempted in the same Morrow sand in the NESW of section 29 and was non-commercial. Due to this poor result and the thinness of the sands, we did not feel that further testing was warranted.

By the St. Louis level the #1 Greeson was high to all surrounding wells. A subtle 12 foot drilling break with a 420 unit gas kick corresponded to the lower St. Louis "B" zone. As is common in the St. Louis, very little porosity or show was seen in the samples. DST #4 was run to test the entire St. Louis "B" and "B<sub>1</sub>" sections. This test recovered 135 feet of oil cut mud ranging from 3 to 12% oil and 60 feet of oil and mud cut water (5% oil, 40% mud). Logs showed mud cake across this zone indicating some permeability; however, the maximum porosity in this zone was 9% which is very low and would explain the poor test recovery. While the test pressures indicate some formation damage, they were more indicative of low permeability. As with the Lansing "A", the St. Louis "B" zone probably would have produced if porosity and permeability had been a little bit better.

No porosity was encountered in the St. Louis B, C, or D Zones.

*Clyde M. Becker, Jr.*

Clyde M. Becker, Jr. RECEIVED  
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Wichita, Kansas

DRILLERS LOG

CLYDE M. BECKER  
GREESON #1  
SECTION 18-T31S-R34W  
SEWARD COUNTY, KANSAS

~~ORIGINAL~~  
ORIGINAL

COMMENCED: 04-25-92  
COMPLETED: 05-08-92

SURFACE CASING: 1700' OF 8 5/8"  
OMTD W/535 SX HLC LITE, 2% C.C.,  
1/4#/SX FLO-CELE; TAILED IN W/  
150 SX PREM, 2% C.C., 1/4#/SX FLO-CELE

FORMATION	DEPTH
SURFACE HOLE	0-1700
CIMARRON, ANYDRITE, RED BED, HUTCHISON & SALT	1700-1800
RED BED & SHALE	1800-2235
RED BED & DOLOMITE	2235-2613
WINFIELD, KRIDER & CHASE	2613-2720
COUNCIL GROVE	2720-2920
SHALE & LIME	2920-3248
DOLOMITE	3248-3425
SHALE & LIME	3425-3676
LIME & SHALE	3676-3955
DOLOMITE	3955-4180
SHALE & LIME	4180-4392
LANSING	4392-4440
SHALE & LIME	4440-4827
KANSAS CITY & MARMATON	4827-5005
KANSAS CITY	5005-5355
ATOKA	5355-5535
ATOKA & MORROW	5535-5835
ST. LOUIS	5835-5950
SHALE & LIME	5950-5975
ST. LOUIS	5975-6025      RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

*A.J. Jacques*

A.J. JACQUES

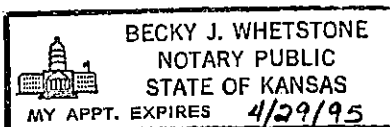
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Wichita, Kansas

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 12TH DAY OF MAY, 1992.



*Becky J. Whetstone*

BECKY J. WHETSTONE, NOTARY PUBLIC



INVOICE

**ORIGINAL** HALLIBURTON SERVICES

A Halliburton Company

~~ORIGINAL~~

INVOICE NO.	DATE
216737	05/08/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
GREESON 1		SEWARD		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
LIBERAL		CHEYENNE #4	PLUG TO ABANDON		05/08/1992
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
063760	T. A. DAVIS			COMPANY TRUCK	34057

CLYDE M BECKER  
212 FIRST NATIONAL BLDG.  
PONCA CITY, OK 74601

DIRECT CORRESPONDENCE TO:  
FIRST OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2050  
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - EASTERN AREA1					
000-117	MILEAGE	15	MI	2.60	39.00
		1	UNT		
009-019	PLUGGING BK SPOT CEMENT OR MUD	3250	FT	1,160.00	1,160.00
		1	UNT		
504-043	PREMIUM CEMENT	135	SK	7.94	1,071.90
506-105	POZMIX A	90	SK	4.32	388.80
506-121	HALLIBURTON-GEL 2%	4	SK	.00	N/C
507-277	HALLIBURTON-GEL BENTONITE	8	SK	14.75	118.00
500-207	BULK SERVICE CHARGE	241	CFT	1.15	277.15
500-306	MILEAGE CMTG MAT DEL OR RETURN	430.731	TMI	.80	344.58
INVOICE SUBTOTAL					3,399.43
DISCOUNT - (BID)					1,291.77-
INVOICE BID AMOUNT					2,107.66
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					===== >

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JUN 1 1992  
\$2,107.66

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY 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 18% PER ANNUM IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

CONSERVATION DIVISION  
Wichita, Kansas



INVOICE

**ORIGINAL HALLIBURTON SERVICES**

A Halliburton Company

INVOICE NO. [REDACTED] DATE 04/28/1992

WELL LEASE NO./PLANT NAME <b>GREESON 1</b>		WELL/PLANT LOCATION <b>SEWARD</b>	STATE <b>KS</b>	WELL/PLANT OWNER <b>CLYDE M BECKER</b>	
SERVICE LOCATION <b>DUMAS</b>		CONTRACTOR <b>CHEYENNE</b>	JOB PURPOSE <b>CEMENT SURFACE CASING</b>		TICKET DATE <b>04/28/1992</b>
ACCT. NO. <b>063760</b>	CUSTOMER AGENT <b>T.A. DAVIS</b>	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA <b>COMPANY TRUCK</b>	FILE NO. <b>33318</b>

CLYDE M BECKER  
C/O CHEYENNE DRILLING  
BOX 916  
GARDEN CITY, KS 67846

DIRECT CORRESPONDENCE TO:  
FIRST OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2050  
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - EASTERN AREA 1 MILEAGE	20	MI	2.60	52.00
		1	UNT		
001-016	CEMENTING CASING	1700	FT	1,020.00	1,020.00
		1	UNT		
030-016	CEMENTING PLUG SW ALUM TOP	8 5/8	IN	100.00	100.00
		1	EA		
350	HALLIBURTON WELD-A	1	LB	11.50	11.50
890.10802					
504-120	HALL. LIGHT - PREMIUM PLUS	535	SK	7.35	3,932.25
504-050	PREMIUM PLUS CEMENT	150	SK	8.19	1,228.50
509-406	ANHYDROUS CALCIUM CHLORIDE	12	SK	26.50	318.00
507-210	FLOCELE	171	LB	1.30	222.30
500-207	BULK SERVICE CHARGE	720.0	CFT	1.15	828.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	645.69	TMI	.80	516.55
INVOICE SUBTOTAL					8,229.10
DISCOUNT - (BID)					3,538.48
INVOICE BID AMOUNT					4,690.62
*-KANSAS STATE SALES TAX					173.38
*-SEWARD COUNTY SALES TAX					40.79
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					8,004.79

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CONSERVATION DIVISION  
Wichita, Kansas