

ORIGINAL

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

API NO. 15- 163-23277 0000
County Rooks County, Kansas
SW - NW - NW - Sec. 18 Twp. 8S Rge. 16 XX ^E_W

Operator: License # 31821

Name: J-F Oil Company

Address 1119 Toulon Ave.

City/State/Zip Hays, Kansas 67601

Purchaser: Koch Oil Company

Operator Contact Person: Frank Taggart

Phone (913) 625-7247

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Cliff Ottaway

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW 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 PSTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

06-01-96 06-06-96 06-07-96
Spud Date Date Reached TD Completion Date

4250 Feet from SW (circle one) Line of Section

4850 Feet from EW (circle one) Line of Section

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

Lease Name Chesney Estate Well # 1

Field Name North Chesney Field

Producing Formation Lansing/Kansas City

Elevation: Ground 1943 KB 1952

Total Depth 3335' PSTD 3450'

Amount of Surface Pipe Set and Cemented at 220' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1240

feet depth to Surface w/ 300 sx cmt.

Drilling Fluid Management Plan AH-2, 2-16-98 VC
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: 9-30-96

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 Frank Taggart
Title Owner Date 9-26-96

Subscribed and sworn to before me this 26th day of September, 19 96.

Notary Public Nancy Taggart
Date Commission Expires 7-2-99


NANCY TAGGART
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 7-2-99

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC SWD/Rep MGPA
 KGS Plug Other
(Specify)

Operator Name J-F Oil Company Lease Name Chesney Estate Well # 1
 Sec. 18 Twp. 8S Rge. 16 East West
 County Rooks County, Kansas

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.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Topeka	2818	- 866
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3032	- 1080
List All E.Logs Run:	Open Hole	Toronto	3052	-1100
	Cement Bond Log	Lansing/KC	3073	-1121
		Base KC	3323	-1371

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#	220'	60/40 Poz	140	3%cc 2%gel
Production	7-7/8"	4-1/2"	10.5#	3327.32	Common	150	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0 - 1240	HLC & Standard	250sks HLC 50sks Standard	HLC w/2% cc & Standard w/3% cc

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
	Start	End	Material	Material	
4	3114	3118	250gal 28% NE & 750gal 15% NE	400gal 28% NE & 600 gal 15% NE	3114-3118
4	3178	3180			3178-3180
4	3234	3237	250gal 28% NE & 750gal 15% NE		3234-3237
4	3258	3264	250gal 28% NE & 750gal 15% NE		3258-3264
4	3284	3288	400gal 28% NE & 1100gal 15% NE		3284-3288

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8	3290	No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, XXXXXX Resumed Production, XXXXXX 6-29-96	Producing Method	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil 6 Bbls.	Gas 0 Mcf	Water 80 Bbls.	.075	Gas-Oil Ratio 34 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

3114'
3288'

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

15-163-23277-00-00

Test Ticket

ORIGINAL

No. 9404

Well Name & No. Chesney Estate #1 Test No. 1 Date 6-5-96
 Company J-F-Oil Company Zone Tested LKE
 Address 1119 Toulon Ave Hays, KS 67601 Elevation 1952 KB 1943 GL
 Co. Rep / Geo. Cliff Ottaway Cont. Duke #4 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 18 Twp. 8S Rge. 16W Co. Rooks State Ks
 No. of Copies 5 Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3133-3181 Initial Str Wt./Lbs. 44,000 Unseated Str Wt./Lbs. 44,000
 Anchor Length 48 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 150,000
 Top Packer Depth 3128 Tool Weight 1800
 Bottom Packer Depth 3133 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 3181 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9.1 LCM 4 Vis. 41 WL 4.8 Drill Pipe Size 7/8" XH Ft. Run 2138
 Blow Description (slid tool 5' when opened) 1 1/2" blow building to 3"

88- 1/2" blow building to 3"

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP	%gas	%oil	%water	%mud
<u>40</u>	<u>20</u>						
Rec. <u>40</u> Feet Of <u>Mud w/ oil spots</u>							
Rec. _____ Feet Of _____							
Rec. _____ Feet Of _____							
Rec. _____ Feet Of _____							
Rec. _____ Feet Of _____							

BHT 96 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud 1643 PSI Recorder No. 24174 T-Started 0355
 (B) First Initial Flow Pressure 52 PSI (depth) 3 3168 T-Open 0459
 (C) First Final Flow Pressure 52 PSI Recorder No. 10332 T-Pulled 0829
 (D) Initial Shut-in Pressure 97 PSI (depth) 3176 T-Out 0950
 (E) Second Initial Flow Pressure 52 PSI Recorder No. _____
 (F) Second Final Flow Pressure 52 PSI (depth) _____
 (G) Final Shut-in Pressure 104 PSI Initial Opening 60 Test _____
 (H) Final Hydrostatic Mud 1636 PSI Initial Shut-in 45 Jars _____
 Final Flow 60 Safety Joint _____
 Final Shut-in 45 Straddle _____

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Frank Tussner
 Our Representative Paul Simpson

9/30/96
 Extra Packer _____
 Elect. Rec. _____
 Other _____
 TOTAL PRICE \$ _____

52-11-96
 11:00 AM
 06-05-96
 11:00 AM
 06-05-96

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

15-163-2327-00-00

ORIGINAL
No. 9405

Test Ticket

Well Name & No. Chesney Estate #1 Test No. 2 Date 6-6-96
 Company J-F Oil Company Zone Tested Lansing I-5
 Address _____ Elevation 1952 KB 1945 GL
 Co. Rep / Geo. Cliff Ottaway Cont. Duke #4 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 18 Twp. 8s Rge. 16w Co. Roots State Ks
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3222-3266 Initial Str Wt./Lbs. 95 pw Unseated Str Wt./Lbs. 95,000
 Anchor Length 44 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 80,000
 Top Packer Depth 3217 Tool Weight 1800
 Bottom Packer Depth 3222 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 3266 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9.0 LCM _____ Vis. 48 WL 0.0 Drill Pipe Size 4 1/2" Ft. Run 5232 52
 Blow Description run blow died in 40 minutes

EF - no blow

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP	%gas	%oil	%water	%mud
<u>15</u>			<u>15</u>				
Rec. <u>15</u> Feet Of <u>Mud</u>							
Rec. _____ Feet Of _____							
Rec. _____ Feet Of _____							
Rec. _____ Feet Of _____							
Rec. _____ Feet Of _____							

BHT A4 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud 1674 PSI Recorder No. 24174 T-Started 2355
 (B) First Initial Flow Pressure 30 PSI (depth) 3253 T-Open 0051
 (C) First Final Flow Pressure 30 PSI Recorder No. 10332 T-Pulled 0306
 (D) Initial Shut-in Pressure 37 PSI (depth) 3261 T-Out 0413
 (E) Second Initial Flow Pressure 30 PSI Recorder No. _____
 (F) Second Final Flow Pressure 30 PSI (depth) _____
 (G) Final Shut-in Pressure 30 PSI Initial Opening 45 Test _____
 (H) Final Hydrostatic Mud 1666 PSI Initial Shut-in 30 Jars _____
 Final Flow 30 Safety Joint _____
 Final Shut-in 30 Straddle _____

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Cliff Ottaway

Our Representative SIMPSON

TOTAL PRICE \$ _____

9/30/96
 1100 1100 1100
 1100 1100 1100

ALLIED CEMENTING CO., INC.

6715

ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: R

15-163-23277-00-00

DATE <u>6-1-96</u>	SEC. <u>18</u>	TWP. <u>8^s</u>	RANGE <u>16^w</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>4:00 PM</u>
LEASE <u>Chesney Estate</u>	WELL # <u>1</u>	LOCATION <u>North on 60th 1/4 N 1/4 S</u>			COUNTY <u>Boys</u>	STATE <u>Ks</u>	

OLD OR NEW (Circle one)

CONTRACTOR Duke Drily Rig 4

TYPE OF JOB Surface

HOLE SIZE 12^{1/4} T.D. 221

CASING SIZE 8^{1/2} DEPTH 217

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 10^{1/5} 20^{1/2} 13^{1/2} 09^{1/4}

PERFS. _____

OWNER _____

CEMENT

AMOUNT ORDERED 140⁰⁰ 3000 2⁰⁰ gel

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

EQUIPMENT

153 Dave

PUMP TRUCK # _____ CEMENTER Mark

HELPER _____

BULK TRUCK # _____ DRIVER _____

BULK TRUCK # 2160 DRIVER Paul

TOTAL _____

REMARKS:

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

PLUG _____ @ _____

_____ @ _____

9/30/96

RECEIVED
KANSAS CEMENT CO. INC.
1998 07 20 A 1:25

ALLIED CEMENTING CO., INC. 7045

15163-2327-00-00

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

ORIGINAL

Russell

DATE: 6-6-96	SEC. 18	TWP. 8	RANGE 16	CALLED OUT	ON LOCATION	JOB START 2:15AM	JOB FINISH 2:55AM
LEASE CHESNEY ESTATE	WELL # 1	LOCATION NATOMA 7W11N1W 4S			COUNTY ROOKS	STATE KANSAS	

OLD OR NEW (Circle one)

CONTRACTOR DUKE DRIG. RIG #4 OWNER _____

TYPE OF JOB PRODUCTION STAIRING CEMENT

HOLE SIZE 7 7/8 T.D. 3335'

CASING SIZE 4 1/2 DEPTH 3327'

TUBING SIZE 8 5/8 DEPTH 220'

DRILL PIPE DEPTH _____

TOOL AFU INSERT DEPTH 3304'

PRES. MAX _____ MINIMUM _____

MEAS. LINE ✓ SHOE JOINT 13 5'

CEMENT LEFT IN CSG. _____

PERFS. 54 1/4

AMOUNT ORDERED 150 SK COM.

- COMMON @ _____
- POZMIX @ _____
- GEL @ _____
- CHLORIDE @ _____
- @ _____
- @ _____
- @ _____
- @ _____
- @ _____
- HANDLING @ _____
- MILEAGE @ _____

EQUIPMENT

PUMP TRUCK CEMENTER Alan

221 HELPER Bill M.

BULK TRUCK

213 DRIVER Jason

BULK TRUCK

_____ DRIVER _____

TOTAL _____

REMARKS:

RAN 81 FT 4 1/2 CSG 10 50 FT

TOTAL Pipe TALLY 3318 42

FLOAT HELD

15 SK @ RAT Hole

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE @ _____

MILEAGE @ _____

PLUG 1-4 1/2 RUBBER @ _____

@ _____

9/30/96
RECEIVED
KANSAS COM. COMM.
MRS. BEB 30 A 1-25



HALLIBURTON ENERGY SERVICES

HAL-1906-P

CHARGE TO: J-F Oil Co
 ADDRESS: \$ 5654.19
 CITY, STATE, ZIP CODE: NATOMA, KS 213

CUSTOMER COPY

TICKET

103654 - 1

PAGE 1 OF 2

SERVICE LOCATIONS <u>1 Hays 25525</u>	WELL/PROJECT NO. <u>1</u>	LEASE <u>Chesney Estates</u>	COUNTY/PARISH <u>Rooks</u>	STATE <u>KS</u>	CITY/OFFSHORE LOCATION <u>Plainville, KS</u>	DATE <u>8-19-96</u>	OWNER <u>J-F</u>
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>Crawford Well Service</u>	RIG NAME/NO	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>WELLSITE</u>	ORDER NO	
3. WELL TYPE	WELL CATEGORY <u>04</u>	JOB PURPOSE <u>035 195</u>	WELL PERMIT NO	WELL LOCATION <u>4-R 9-N 2 1/2-E Plainville KS</u>			
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS <u>pd by ck # 213</u>						

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
100-115		1		40	MILEAGE	80	m.			1.60	128.00
109-017		1		40	RTS	1144	ft	4 1/2	IN	1250.00	1250.00
110-056		1		40	RBP	2830	ft	4 1/2	IN	903.00	903.00
128-546		1		80	Squeeze Manifold	1	EA			275.00	275.00
116-228		1		25	Stripper Head	1	EA			143.00	143.00
117-000		1		40	Tbg Sub	1	EA	2 3/8	IN	41.80	41.80
000-117		1			35 mileage	80	m.			2.99	239.20
009-134	009-019	1			35 Pump Service	1240	ft			1295.00	1295.00
102-011					26 Operators charge (tools) 8-19-96					45.00	270.00

ORIGINAL

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions. MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS. DATE SIGNED: <u>8/19/96</u> TIME SIGNED: <input type="checkbox"/> A.M. <input checked="" type="checkbox"/> P.M. <input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input checked="" type="checkbox"/> Not offered	SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		SURVEY		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL FROM CONTINUATION PAGE(S) : <u>4003 22</u> SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE
	TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
	BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?					
	TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
	TUBING SIZE	TUBING PRESSURE	WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED THE JOB CALCULATIONS SATISFACTORILY?				
TREE CONNECTION	TYPE VALVE		ARE YOU SATISFIED WITH OUR SERVICE?		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
			<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) <u>Jeffery Crawford</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>[Signature]</u>	HALLIBURTON OPERATOR/ENGINEER <u>Gail Palmberg</u>	EMP # <u>41489</u>	HALLIBURTON APPROVAL <u>[Signature]</u>
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19-163-2327-00-00

WELL DATA

FIELD _____ SEC. _____ TWP. _____ RNG. _____ COUNTY Rooks STATE Ks

FORMATION NAME _____ TYPE _____
 FORMATION 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. RTS PRESSURE 1144
 MISC. DATA RRPO 2825 TOTAL DEPTH 3333

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING			<u>4 1/2</u>	<u>0</u>	<u>3333</u>	
LINER						
TUBING			<u>2 3/8</u>	<u>0</u>	<u>2825</u>	
OPEN HOLE						SHOTS/FT.
PERFORATIONS		<u>3178-80</u>		<u>3000-04</u>		
PERFORATIONS		<u>3114-18</u>		<u>2846-50</u>		
PERFORATIONS		<u>3052-58</u>				

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>8-16</u>	DATE <u>8-16</u>	DATE <u>8-16</u>	DATE <u>8-17</u>
TIME <u>0545</u>	TIME <u>0810</u>	TIME <u>0900</u>	TIME <u>1330</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>T. J. ...</u>		<u>...</u>
ORIGINAL		

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API
 DISPL. FLUID _____ DENSITY _____ LB/GAL. API
 PROP. TYPE _____ SIZE _____ LB.
 PROP. TYPE _____ SIZE _____ LB.
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 SURFACTANT TYPE _____ GAL. _____ IN
 NE AGENT TYPE _____ GAL. _____ IN
 FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN
 GELLING AGENT TYPE _____ GAL.-LB. _____ IN
 FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN
 BREAKER TYPE _____ GAL.-LB. _____ IN
 BLOCKING AGENT TYPE _____ GAL.-LB. _____
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

DEPARTMENT CT/Teds
 DESCRIPTION OF JOB _____
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X Jeffrey Crawford
 HALLIBURTON OPERATOR Gail Palmberg COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>250</u>	<u>HLC</u>		<u>B</u>	<u>1/4" Flocculants 2% CC</u>	<u>1.91</u>	<u>12.4</u>
	<u>50</u>	<u>Standard</u>		<u>B</u>	<u>3% CC</u>	<u>1.18</u>	<u>15.6</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____ TYPE _____
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL.: BBL.-GAL. 5 1/2
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. 96
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. 101 1/2
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET _____ REASON _____

REMARKS
SEE JOB LOG
Thank you for your assistance
9/30/96
H.W. Mel

CUSTOMER J-F Oil Co
 LEASE Crosby State
 WELL NO. _____
 JOB TYPE Tool
 DATE 8-16-96



HALLIBURTON

15-163-23277-00-00

DATE 8-16-96 PAGE NO. 1

JOB LOG HAL-2013-C

CUSTOMER J-F O.I Co WELL NO. 1 LEASE Chesney Estate JOB TYPE Tool-Top Side Squeeze TICKET NO. 103654

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0545							Called out
	0810							On Location w/ tools
								Rig up to Perforate @ 3000-3004; 3052-305
								Start RTTS - RRP in hole
	0930							Pump T.k - BT on Loc ORIGINAL RBPO @ 2825' 11fts out RTTS @ 2790'
	1040		12			1700		Test Tbg & tools HELD
	1050		2					SPOT 25ks Sand RTTS @ 1144'
								Land hole w/ water to perforate @ 124'
	1230					500		Pressure Annulus
	1232	1 1/4				700		Injection Rate
	1235	4				1300		Injection Rate - Blow on Annulus
								WAIT on water
	1350	3				1100		START mixing cement
	1355	3				1500		250sk HLC 1/4" flocc 2%cc 50sk Standard 3%cc
			54					Comulation from Annulus
	1420	3	96			1100		Cement mixed Cement to surface ✓
	1420							Start Displacement
	1422		2 1/2					HESITATE SQUEEZE
								WASH up Equipment
	1440		3			300		HESITATE SQUEEZE
	1450		3 1/2			400		HESITATE SQUEEZE
	1505		4			500		Hesitate Squeeze
	1515		4 1/2			650		Hesitate Squeeze Cont @ Tool
	1525		5			750		Hesitate Squeeze
	1535		5 1/2			850		Hesitate Squeeze
	1545		5 3/4			1000		Squeezed Release pressure - Dried up
	1550							Reverse around RTTS
	1555					500		Set RTTS TEST SQUEEZE
						300		WASH down through squeeze
	1620					200		RTTS @ 1268' circ clean
	1630					200		RTTS @ 1357' circ clean
	1645							RTTS @ 1144' close in @ well head

ORIGINAL

TRANSFERRED
9/20/96
25

FIELD OFFICES NOT down for Day
Rack up Equip

15-163-23277-00-00

J & F Oil Company Chesney Estate #1
SW NW NW Sec. 18-8s-16w
Rooks County, Kansas

TORONTO 3052-3062:

This was a white to off white, fine crystalline, fossiliferous limestone with a trace of staining.

LANSING-KANSAS CITY 3073-3323:

A. B Bench 3073-3094 A trace of light staining in a white to off white, fine crystalline, chalky to firm limestone

C Bench 3100-3122 A trace of free oil and staining , a faint odor in an off white fine crystalline to dense limestone with pin point vugular and fossiliferous porosity (3114-3118). This should be tested.

D Bench 3128-3144 A trace of staining in a off white to tan, fine crystalline, slightly chalky limestone. The log shows tight.

E. F Bench 3152-3160 There were no shows in this section.

G Bench 3166-3198 A trace of gassy free oil, staining and faint odor in a white to off white, fine crystalline, fossiliferous limestone with intercrystalline and fossiliferous porosity (3178-3181). This was included in D. S. T. No. 1

DRILL STEM TEST No. 1 3133-3181:

Recovered: 30' mud with oil spots and 40' gas

Times: 60-45-60-45

IF: 52-52

FF: 52-52

ISFP: 97

FSFP: 107

H Bench 3211-3226 White to tan, fine crystalline, dense cherty limestone with no shows.

I Bench 3234-3248 A trace of free oil and staining in a white to off white, fine to medium crystalline, slightly chalky limestone (3234-3237). This was included in D. S. T. No. 2

J Bench 3251-3265 A trace of gassy free oil ,staining and faint odor in a off white to tan, slightly oolitic to oolitic limestone with intercrystalline and vugy porosity (3259-3263). This was also included in D. S. T. No. 2.

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J & F Oil Company Chesney Estate #1
SW NW NW Sec. 18-8s-16w
Rooks County, Kansas

DRILL STEM TEST No. 2 3222-3266:

Recovered: 15' mud
Times: 45-30-30-30
IE: 30-30
FE: 30-30
ISFP: 37
FSFP: 30

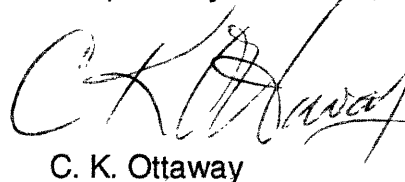
K Bench 3283-3300 A trace of gassy free oil and staining in a white to off white, fine crystalline, fossiliferous limestone with intercrystalline porosity(3284-3288).

L Bench 3308-3322 There were no oil shows in this section.

RECOMMENDATIONS

Structurally, this well ran between two producing wells on the Lansing-Kansas City top. It was 2' higher than one and 1' lower than the other. Based on the samples and the history of the area the operators decided to set pipe and further test this well.

Respectfully submitted,


C. K. Ottaway

9/20/66
1966 SEP 30 A 1:26
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15-163-23277-00-00

J & F Oil Company Chesney Estate #1
SW NW NW Sec. 18-8s-16w
Rooks County, Kansas

ONE FOOT DRILL TIME FROM 2700' TO 3335':

2701 33121/11123/22222/33222/12211/1111.5/.5.5.5.5.5/.5.5133.5/2.53231.5/21.5211
12212/12211/1111.51/1.51111/11.511.51/11111/11.51.51.51/11111/111.511.5/
2800 1.5111.51.5

2801 11.5111/.5.5111/11121/.51.512.53/22.52.533.5/3.551.52.53/44223.5/43.53.533.5/
23.534.54/32.51.533
22.5333/3.51333/21.51.52.52.5/22324.5/434.544/43.53.52.52.5/2.52333.5/
2900 3.54333.5/3.53332/2.51.5113

2901 2.52.532.52.5/2.52.5223/2.53.51.51.532/23.5322/1.5322.52/2.52222.5/1.53334/
33433/22322/32322
3000 33223/22241/2223 /24223/22443/33255/32233/34333/43334/43443

3001 22233/33335/34334/43334/43343/44434/34212/44432/21223/22222
3100 33433/33434/54232/22323/23254/55555/64444/34346/55453/54543.5

3101 45333/32333/55542.5/4.5555.56/5.54333/333.53.53/55555/54554/55464/32643
3200 42265/43243/3332.52.5/65676/77753/36346/73455/54443/53436/76665.

3201 54464/33333/44556/56665/5653.55.5/4.5575.52.5/23.54.55.55/365.56.55
65.55.55.56.5/5533.55
5.54333/3445.52.5/484.54.56/6.55664/22344/55545/33455/5355.55.5/65.555.55
3300 66752

3301 44544/34556/55566/66666/54432/32233/32435

9/30/96
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