

ORIGINAL

SIDE ONE

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

Operator: License # 7383

Name: Grady Bolding Corporation

Address P.O. Box 486

114 North MAIN

City/State/Zip Ellinwood, KS. 67526

Purchaser: Clear Creek Inc.

Operator Contact Person: Grady Bolding

Phone (316) 564-2240

Contractor: Name: Blue Goose Drilling Co., Inc.

License: 5104

Wellsite Geologist: Jim Musgrove

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

3/26/90 4/5/90 5/14/90

Spud Date Date Reached TD Completion Date

API NO. 15- 057-20,480-0000

County Ford

NE NE SE Sec. 34 Twp. 25 Rge. 21 East West

2310 Ft. North from Southeast Corner of Section

330 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

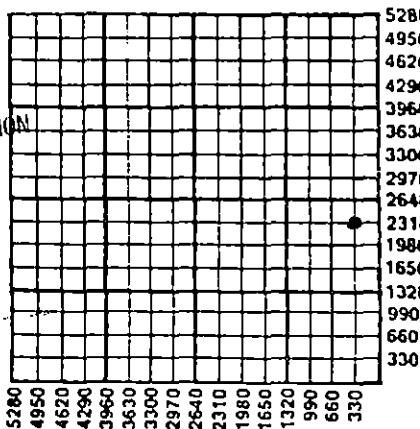
Lease Name Indiek Well # 1

Field Name Little Coon Creek

Producing Formation Mississippi

Elevation: Ground 2309' KB 2319'

Total Depth 4855' PBD _____



Alt

Amount of Surface Pipe Set and Cemented at 385 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 cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Grady Bolding

Title President Date 6/20/90

Subscribed and sworn to before me this 20th day of June, 19 90.

Notary Public Jenny Kasselmann

Date 7-16-90

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

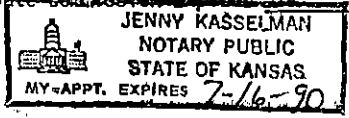
C Wireline Log Received

C Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other (Specify)



ORIGINAL

SIDE TWO

Operator Name Grady Bolding Corporation Lease Name Indiek Well # 1
 Sec. 34 Twp. 25 Rge. 21 East County Ford
 West

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 _____

(see attached)

Drill Stem Tests (see attached)

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#	385	60-40 Poz	250	2% Gel 3% CC
Production							2% Gel 15#
CAasing	7 7/8"	5 1/2"	14#	4854	40-60 Poz	165	Gilsonite .6 halad 322; 18% Salt

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
3 shots per ft	4784- 4788'	1250 gallons 15% NE	4784-88

TUBING RECORD Size 2 3/8" EUE Set At 4798' Packer At none Liner Run Yes No

Date of First Production 5/14/90 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	20		12		39.2

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Conmingled
 Other (Specify) _____

Production Interval 4784- 4788'

Drill Stem Test #1 4186 - 4204

Open: IF - 45
 FF - 45
 Blow: Weak, increasing to fair
 Recovery: 60' gas in pipe
 2' clean oil
 30' oil cut mud
 40' oil cut water
 240' water
 Pressures: ISIP - 1168 psi (45")
 FSIP - 1151 psi (45")
 IFP - 48-105 psi
 FFP - 130-154 psi
 HSH - 2016-2001 psi

FORMATION DESCRIPTION

NAME	TOP	
Anhydrite	1365	(+ 954)
Heebner	4033	(-1714)
Toronto	4056	(-1737)
Brown Lime	4142	(-1823)
Lansing	4152	(-1833)
Base Kansas City	4545	(-2226)
Marmaton	4558	(-2239)
Fort Scott	4667	(-2348)
Cherokee Shale	4682	(-2363)
Miss Lime	4776	(-2457)
Miss Dolomite	4782	(-2463)
Miss Osage	4808	(-2489)
R. T. D.	4850	(-2531)
L. T. D.	4855	(-2536)

Drill Stem Test #2 4675 - 4746

Open: IF 30"
 FF 30"
 Blow: Weak, died in 15"
 Flush tool
 Recovery: 60' mud
 Pressures: ISIP 146 psi (45")
 FSIP 130 psi (45")
 IFP 81-89 psi
 FFP 89-97 psi
 HSH 2360-2340

(All log measurements)

Drill Stem Test #3 4777' 4788

Open: IF - 30"
 FF - 60"
 Blow: Weak to strong
 Recovery: 600' gas in pipe
 190' clean gassy oil
 150' slightly mud cut gassy oil
 30' oil cut water
 Pressures: ISIP 1160 psi (45")
 FSIP 1144 psi (60")
 IFP 41-81 psi
 FFP 114-155 psi
 HSH 2419 - 2410 psi

RECEIVED
 STATE CORPORATION COMMISSION

JUL 13 1990

CONSERVATION DIVISION
 Wichita, Kansas



INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
938357	04/05/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
INDIEK 1		FORD		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
PRATT		BLUE GOOSE DRLG		CEMENT PRODUCTION CASING		04/05/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA		FILE NO.
087431	CHARLES MC DONALD			COMPANY TRUCK		93169

GRADY BOLDING CORP
114 NORTH MAIN
P O BOX 486
ELLINWOOD, KS 67526

DIRECT CORRESPONDENCE TO:
SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

PRICE REF. NO	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	57	MI	2.20	125.40
		1	UNT		
001-016	CEMENTING CASING	4849	FT	1,144.00	1,144.00
		1	UNT		
030-018	CEMENTING PLUG 5W, PLASTIC TOP	5.5	IN	53.00	53.00
		1	EA		
018-317	SUPER FLUSH	10	SK	74.00	740.00
509-968	SALT	150	LB	.052	7.80
504-308	STANDARD CEMENT	99	SK	5.35	529.65
506-105	POZMIX A	66	SK	2.79	184.14
506-121	HALLIBURTON-GEL 2%	3	SK	.00	N/C
509-968	SALT	1600	LB	.052	83.20
508-291	GILSONITE	2500	LB	.35	875.00
507-775	HALAD-322	106	LB	5.60	593.60
500-207	BULK SERVICE CHARGE	238	CFT	.95	226.10
500-306	MILEAGE CMTG MAT DEL OR RETURN	532.38	TMI	.70	372.67
INVOICE SUBTOTAL					4,934.56
DISCOUNT-(BID)					740.17-
INVOICE BID AMOUNT					4,194.39
*-KANSAS STATE SALES TAX					102.37
*-PRATT COUNTY SALES TAX					24.10
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$4,320.86

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JUL 31 1990
CONSERVATION DIVISION
Wichita, Kansas

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.



HALLIBURTON SERVICES

INVOICE

INVOICE NO.	DATE
904034	03/27/1990

A Halliburton Company

WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
FORD		KS	SAME	
ACTOR	JOB PURPOSE		TICKET DATE	
DRG	CEMENT SURFACE CASING		03/27/1990	
VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
		COMPANY TRUCK	92586	

Surface Casing

DIRECT CORRESPONDENCE TO:
SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	57	MI	2.20	125.40
		1	UNT		
001-016	CEMENTING CASING	385	FT	429.00	429.00
		1	UNT		
030-503	CMTG PLUG LA-11,CP-1,CP-3,TOP	8 5/8	IN	59.00	59.00
		1	EA		
504-308	STANDARD CEMENT	115	SK	5.35	615.25
506-105	POZMIX A	115	SK	2.79	320.85
506-121	HALLIBURTON-GEL 2%	4	SK	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	6	SK	26.25	157.50
500-207	BULK SERVICE CHARGE	242	CFT	.95	229.90
500-306	MILEAGE CMTG MAT DEL OR RETURN	575.3	TMI	.70	402.71
INVOICE SUBTOTAL					2,339.61
DISCOUNT-(BID)					474.31-
INVOICE BID AMOUNT					1,865.30
*-KANSAS STATE SALES TAX					58.51
*-PRATT COUNTY SALES TAX					13.77
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,937.58

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.



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

WELCHETA

Pratt, Ks

BILLED ON 904034
TICKET NO.

CUSTOMER
LEASE
WELL NO.
JOB TYPE
DATE

WELL DATA

FIELD _____ SEC. _____ TWP. _____ RNG. _____ COUNTY Lea 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. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH 385'

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>New</u>	<u>20#</u>	<u>8 5/8"</u>	<u>KB</u>	<u>385'</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG <u>1A-10</u>	<u>1</u>	<u>Houco</u>
HEAD <u>PC</u>	<u>1</u>	<u>"</u>
PACKER		
OTHER		

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>3-27</u>	DATE <u>3-27</u>	DATE <u>3-27</u>	DATE <u>3-27</u>
TIME <u>1000</u>	TIME <u>1230</u>	TIME <u>1635</u>	TIME <u>1940</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>D RING</u>	<u>B6633</u>	<u>P Pratt, Ks</u>
<u>D BEGLER</u>	<u>C1690</u>	<u>COPTAR</u>
	<u>2656-6605</u>	<u>Gr. Bnd, Ks</u>
<u>B Mouser</u>	<u>B2663</u>	<u>Bulk</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB./GAL.-API

DISPL. FLUID _____ DENSITY _____ LB./GAL.-API

PROP. TYPE _____ SIZE _____ L.B.

PROP. TYPE _____ SIZE _____ L.B.

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 Cement

DESCRIPTION OF JOB 8 5/8" SURFACE

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X Brady Brady

HALLIBURTON OPERATOR Danny Ring COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>230</u>	<u>50/50 Poz</u>	<u>Houco Bulk</u>	<u>3% CC</u>		<u>1.26</u>	<u>14.15</u>

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____

ORDERED _____ AVAILABLE _____ USED _____

TREATING _____ DISPL _____ OVERALL _____

FEET 20' REASON By Request

SUMMARY

PRESLUSH: BBL-GAL. 5 TYPE Fresh Water

LOAD & BKDN: BBL-GAL. _____ PAD: BBL-GAL. _____

TREATMENT: BBL-GAL. _____ DISPL: BBL-GAL. 24

CEMENT SLURRY: BBL-GAL. 51.6

TOTAL VOLUME: BBL-GAL. _____

REMARKS

STATE _____

SEE JOB LOG

JUL 5 1 1990

THANKS - RAL

WELL NO. #1 LEASE INDIAN TICKET NO. 904034
 CUSTOMER GRADY BALDING CORP PAGE NO.
 JOB TYPE 8 5/8" SURFACE DATE 3-27-90

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1000							Called out - Ready @ 1230
	1230							ON LOC - REG DRILLING - SET UP
	1300							Bulk TIE ON LOC
	1425							HOPE MADE - CIRCULATE - TREP OUT TUBING CASING
	1530							START CASING IN HOPE
	1635							CASING IN HOPE - HOOK UP & BREAK Circ w/ REG PUMP
	1654	5.0	5.0	✓	✓		200	RUN WATER AHEAD
	1656	5.2	51.6	✓	✓		250	MEX CEMENT
	1706							FINISH MEXING - RELEASE PLUG
	1708	6.0	24	✓	✓		250	DISPLACE PLUG
	1712			✓			250	PLUG DOWN - CLOSE IN HEAD - CMT CIRCULATES TO SURFACE - WASH UP
	1740							JOB COMPLETE - BULK TIE RELEASED
								THANKS - Runko

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JUL 31 1990

CONSERVATION DIVISION
Wichita, Kansas

CUSTOMER