

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 6528
Name: R.J. Patrick Operating Company
Address: PO Box 1157
City/State/Zip: Liberal, Kansas 67905-1157
Purchaser: ONEOK Field Services
Operator Contact Person: RJ Patrick
Phone: (620) 624-8483
Contractor: Name: Duke Drilling Co., Inc.
License: 5929

Wellsite Geologist: Marvin Harvey
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: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to Enhr./SWD

Plug Back Plug Back Total Depth

Commingled Docket No. 090301

Dual Completion Docket No. _____

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

07-26-03 08-06-03 08/27/03

Spud Date or 07-26-03 Date Reached TD 08-06-03 Completion Date or 08/27/03 Recompletion Date

API No. 15 - 033-21358-00-00

County: Comanche County, Kansas

NE NE SE Sec. 1 Twp. 33 S. R. 19 East West

2310 feet from N (circle one) Line of Section

495 feet from W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner: 1300

(circle one) NE SE NW SW

Lease Name: Jacob Colter Well #: 1-1

Field Name: Colter

Producing Formation: Mississippian, Ft. Scott Pawnee

Elevation: Ground: 2044' Kelly Bushing: 2055'

Total Depth: 6000' Plug Back Total Depth: 5470'

Amount of Surface Pipe Set and Cemented at 786' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 786

feet depth to surface w/ 325 sx cml.

Drilling Fluid Management Plan ALL 1 W/ 9.30.03

(Data must be collected from the Reserve Pit)

Chloride content 9000 ppm Fluid volume 1800 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name: Gene Dill

Lease Name: Regier License No.: 6652

Quarter _____ Sec. 17 Twp. 33 S. R. 27 East West

County: Meade Docket No.: C21232

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 of 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.

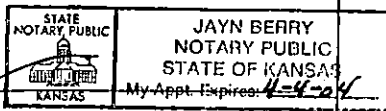
Signature: RJ Patrick

Title: OWNER Date: 08/27/2003

Subscribed and sworn to before me this 27th day of August 2003

Notary Public: Jayn Berry

Date Commission Expires: 04/04/04



KCC Office Use ONLY

Letter of Confidentiality Attached

If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

✓

X

Operator Name: R.J. Patrick Operating Company Lease Name: Jacob Colter Well #: 1 - 1

Sec. 1 Twp: 33 S. R. 19 East West County: Comanche County, Kansas

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well-site report.

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:

Name	Formation (Top), Depth and Datum	Sample
Heener Shale	4308' (-2247')	4344' (-2279')
Toronto	4320' (-2259')	4357' (-2292')
Lansing	4495' (-2434')	4545' (-2480')
Marmaton	5004' (-2943')	5054' (-2989')
Ft. Scott	5134' (-3073')	5180' (-3115')
Cherokee Sh	5144' (-3083')	5190' (-3125')
Mississippian	5228' (-3167')	5282' (-3217')
Viola	5861' (-3800')	5967' (-3902')

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	# Sacs Used	Type and Percent Additives
Conductor		20"		50'			
Surface	12-1/4"	8-5/8"	24#	786'	65/35 Class A	275	3%cc 1# floeal
Production	7-7/8"	4-1/2"	10.5#	5488'	50/50 Poz	175	18% salt

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
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)	
2	5228' to 5259'	Miss.	4000 gal FE	5259'
2	5137' to 5139'	Ft Scott	5000 gal FE	5139'
2	5120' to 22 - 5111' to 13 - 5103' to 05	PAWNEE	1500 gal FE	5122

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	5148	5156	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First Resumerd Production, SWD or Enhr. 08/25/2003 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcl	Water Bbls.	Gas-Oil Ratio	Gravity
4 POINT/2 ZONES	total	3,231,000	0		

Disposition of Gas METHOD OF COMPLETION Production Interval 5228 to 5103

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, Sumit ACO-18.) Other (Specify)

Vented 30 minutes each point No fluid
 Tested by Less Oldham

W E D E R

ORIGINAL

P.O. BOX 1087
WOODWARD, OK 73802

SERVICES, INC.

PHONE (580) 256-9371
FAX (580) 256-6997

RECEIVED

SEP 16 2003

KCC WICHITA

SOLD TO:

R.J. PATRICK OPERATING CO.
P.O. BOX 1157
LIBERAL, KS 67905-1157

SHIP TO:

R.J. PATRICK OPERATING CO.
P.O. BOX 1157
LIBERAL, KS 67905-1157

CUSTOMER NO:	CUSTOMER P.O.	INVOICE NUMBER:	INVOICE DATE:	TERMS
RJPATR		0024951-IN	05/15/2003	DUE UPON RECEIPT
LEASE NAME:	JACOB COLTER #1-1	RIG #: DUKE #1	WO #: W05727	AMOUNT

JACOB COLTER #1-1
 FURNISHED WELDER & MATERIALS
 FURNISHED MUD, WATER, & TRUCKING
 DRILLED 60' OF 30" CONDUCTOR
 HOLE
 DRILLED 5' OF 60" HOLE
 SET 5X5 TINHORN CELLAR
 FURNISH 60' OF 20" CONDUCTOR
 PIPE
 FURNISHED GROUT
 FURNISHED GROUT PUMP
 TOTAL BID \$3,750.00
 INSURANCE SURCHARGE 37.50
 FUEL SURCHARGE 93.75

1 DC

RECEIVED MAY 19 2003

Net Invoice:	3,881.25
Freight:	0.00
Sales Tax:	40.50
Invoice Total:	3,921.75

THANK YOU!!!!

INVOICE

WELDER SERVICES, INC.

4420 ANDERSON ROAD • P.O. BOX 1087
WOODWARD, OK 73802
PHONE (580) 256-9371 • FAX (580) 256-6997

Rocky
Larson
ORIGINAL

X

WORK ORDER # **5727** b

<small>SPC10032</small>		DATE OF ORDER:	5-13-03
RIG#:	Duke	STARTING DATE:	5-15-03
COMPANY NAME:	R.J. Patrick	ORDER TAKEN BY:	R.O.
LEASE NAME:	Q. Jacobs Colter #1-1	ORDER BY:	R.J. Patrick
LEGAL DESCRIPTION:	Sec 1 335 19W Cameanche, KS (SE 1/4)	PHONE #:	620-624-8483 or cell# 620-629-1120
DIRECTIONS:	From int 160 + by 1 (first south of coldwater) go 1/2 m N, W into (by Barnes + Corral)		

Face Rig		N	E	S	W	Pipe	Fuel - Rig:
Rat Hole	no					Hole	Fuel - Vehicle:
Mouse Hole	no					Cement	Credit Card Expenses:
Conductor	20"					Mud Truck	
Cellar	5x5					Pump Truck	
Tin Horn	✓					Welding	

probably 60' purch Mike badfrey
cell# 620-786-0086
rig 620-793-0839
 (Set conductor top 2' below ground level)

- Drilled 60 ' of 30 " Conductor Hole
- Drilled 5 ' of 60 " Hole & Set 5' x 5' Tinchorn Cellar
- Furnished Backhoe
- Furnished 60 ' of 20 " Conductor Pipe
- Furnished Shucks _____ Rat _____ Mouse
- Furnished Mud, Water, & Trucking
- Furnished Welder & Materials
- Furnished Grout
- Furnished Grout Pump
- Drilled Rat & Mouse Holes
- Rock Time _____ Hrs

TOTAL BID \$ 3750.00
 STATE SALES TAX 4 1/2 % 40.80
 COUNTY SALES TAX — % —
 INSURANCE SURCHARGE 37.50
 FUEL SURCHARGE 93.75
 TOTAL INVOICE 3921.75

shall refer to the front



CEMENTING LOG

STAGE NO.

03 District ML Ticket No. 12882
 Company Patrick Rig Duke #111
 Lease Jacob Oiler #1 Well No. 1
 County Comanche State KS
 Location Coldwater South Field
to Jct 14N, w/s

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 4 1/2 Type Weight 10.5 Collar

Casing Depths: Top Bottom

Drill Pipe: Size Weight Collars
 Open Hole: Size T.D. ft. P.B. to ft.

CAPACITY FACTORS:
 Casing: Bbbs/Lin. ft. 2059 Lin. ft./Bbl. 62.70
 Open Holes: Bbbs/Lin. ft. Lin. ft./Bbl.
 Drill Pipe: Bbbs/Lin. ft. Lin. ft./Bbl.
 Annulus: Bbbs/Lin. ft. -0406 Lin. ft./Bbl. 24.64
 Bbbs/Lin. ft. Lin. ft./Bbl.
 Perforations: From ft. to ft. Amt.

CEMENT DATA: ORIGINAL
 Spacer Type:
 Amt. Sks Yield ft³/sk Density PPG

LEAD: Pump Time hrs. Type 50:50:2 + 18% salt
+ .75% CD-31 + 1/4" Flo-seal Excess
 Amt. 175 Sks Yield 1.28 ft³/sk Density 14.5 PPG

TAIL: Pump Time hrs. Type 60:40:6
 Excess 13.8
 Amt. 8 Sks Yield 1.52 ft³/sk Density PPG
 WATER: Lead 5.43 gals/sk Tail 7.8 gals/sk Total Bbbs.

Pump Trucks Used 360-302 Dave Taylor
 Bulk Equip. 259-280 Tracy Ashmbeck

Float Equip: Manufacturer
 Shoe: Type Depth
 Float: Type Depth
 Centralizers: Quantity Plugs Top Rubber Btm.
 Stage Collars
 Special Equip.
 Disp. Fluid Type 21. KCL Amt. 89 Bbbs. Weight PPG
 Mud Type Weight PPG

COMPANY REPRESENTATIVE RJ Patrick

CEMENTER Carl Baldrey

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbbs Min.	
2:00						Rig up
6:10						Run casing + break circulation
6:30	200		5	5	5	circulate for 20 minutes
	200		45	40	5	Mix 5 Bbbs slurry + cement
						finish 175 sk 50:50:2 cement
						wash out pump + lines
6:42						Release plug
6:46	150				6	Stage displacement
	150		92	47	6	47 Bbbs out cement from shoe
	150		95	3	4 1/2	50 Bbbs out slow rate
	300		107	12	4 1/2	62 Bbbs out see lift pressure
	700		130	23	3	85 Bbbs out slow rate
	1100		134	4	3	Bump plug
7:10 AM						1 spot held, did NOT hold
				7	3	plug RAT + mouse hole with 2SSx
						60:40:6

700

float did

ORIGINAL

ALLIED CEMENTING CO., INC. 12649

Federal Tax I.D.# 48-0727860

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

SERVICE POINT: Med Lodge

DATE <u>7-27-03</u>	SEC. <u>1</u>	TWP. <u>33S</u>	RANGE <u>19W</u>	CALLED OUT <u>4:00 AM</u>	ON LOCATION <u>6:30 AM</u>	JOB START <u>10:15 AM</u>	JOB FINISH <u>11:30 AM</u>
LEASE <u>Jacob Carter</u>	WELL # <u>1</u>	LOCATION <u>Coldwater</u>		COUNTY <u>Comanche</u>	STATE <u>KS</u>		
OLD OR (NEW) (Circle one) <u>NEW</u>		S to lot w/s @ House.					

CONTRACTOR Duke #1

TYPE OF JOB Surface

HOLE SIZE 12 1/4" T.D. 788'

CASING SIZE 1 3/8" x 2 1/4" DEPTH 788'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL AFU Insert DEPTH 744'

PRES. MAX 600 MINIMUM _____

MEAS. LINE _____ SHOE JOINT 1/4"

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 47 1/2 BBLs Fresh H₂O

OWNER R J Patrick

CEMENT

AMOUNT ORDERED 225 5x 65-35-6 ✓

3% cc #1 Flo-seal 220 5x A ✓

3% cc.

COMMON <u>A</u>	<u>100</u>	@ <u>7.15</u>	<u>715.00</u>
POZMIX		@ <u>3.80</u>	
GEL	<u>4</u>	@ <u>10.00</u>	<u>40.00</u>
CHLORIDE	<u>14</u>	@ <u>30.00</u>	<u>420.00</u>
		@ _____	
<u>Lite weight</u>	<u>225</u>	@ <u>6.70</u>	<u>1507.50</u>
		@ _____	
<u>Flo-seal</u>	<u>56 #</u>	@ <u>1.40</u>	<u>78.40</u>
<u>Top off</u>	<u>100</u>	@ <u>7.15</u>	<u>715.00</u>
HANDLING	<u>455</u>	@ <u>1.15</u>	<u>523.25</u>
MILEAGE <u>455 x 45</u>	<u>105</u>		<u>1023.75</u>

EQUIPMENT

PUMP TRUCK CEMENTER Justin Hart

343 HELPER Eric Brewer

BULK TRUCK

353-34 DRIVER Tanner Fox

BULK TRUCK

_____ DRIVER _____

RECEIVED

SEP 16 2003

TOTAL 5022.90

REMARKS:

Pipe on ATM, App Ball Break Circ

31 BBLs Fresh H₂O

225 5x 65-35-6 @ 12.8# - 79 BBLs

100 5x A 1/2 @ 15.2# - 24 BBLs

Release Plug Disp 47 1/2 BBLs Fresh H₂O

land Plug 300, 600# Release PSI

Float held Did not Circulate

Top off 100 5x A 1/2 Circ to Surface

KCC WICHITA SERVICE

DEPTH OF JOB <u>788'</u>		
PUMP TRUCK CHARGE <u>0-800</u>		<u>529.00</u>
EXTRA FOOTAGE <u>488</u>	@ <u>.50</u>	<u>244.00</u>
MILEAGE <u>45</u>	@ <u>3.50</u>	<u>157.50</u>
PLUG <u>1 3/8 TRP</u>	@ _____	<u>100.00</u>
	@ _____	
	@ _____	

CHARGE TO: A J Patrick

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 1021.50

FLOAT EQUIPMENT

<u>8 1/8" Baskets</u>	@ <u>360.00</u>	<u>360.00</u>
	@ _____	
	@ _____	
	@ _____	
	@ _____	

TOTAL 360.00

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Mike Godfrey

TAX _____

TOTAL CHARGE 360.00

DISCOUNT 360.00 IF PAID IN 30 DAYS

PRINTED NAME Mike Godfrey

ANY APPLICABLE TAX
WILL BE CHARGED
UPON INVOICING

ORIGINAL

INVOICE

Invoice Number: 090544

Invoice Date: 07/31/03

Items or shall refer to front side of pages

CO., INC.
3-5566
TAX ID# 48-0727860

Sold R. J. Patrick Operation
To: P. O. Box 1157
Liberal, KS
67905

RECEIVED
SEP 16 2003
KCC WICHITA

Cust I.D.....: Patr
P.O. Number...: Jacob Colter #1
P.O. Date: 07/31/03

Due Date: 08/30/03
Terms: Net 30

DC

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	100.00	SKS	7.1500	715.00	T
Gel	4.00	SKS	10.0000	40.00	T
Chloride	14.00	SKS	30.0000	420.00	T
Lite	225.00	SKS	6.7000	1507.50	T
FloSeal	56.00	LBS	1.4000	78.40	T
Top Off Common	100.00	SKS	7.1500	715.00	T
Handling	455.00	SKS	1.1500	523.25	E
Mielge (45)	45.00	MILE	22.7500	1023.75	E
455 sks @ \$.05 per sk per mi.					
Surface	1.00	JOB	520.0000	520.00	E
Extra Footage	488.00	PER	0.5000	244.00	E
Mileage pmp trk	45.00	MILE	3.5000	157.50	E
TRP	1.00	EACH	100.0000	100.00	T

All Prices Are Net, Payable 30 Days Following
 Date of Invoice. 1 1/2% Charged Thereafter.
 If Account CURRENT take Discount of \$604.44
 ONLY if paid within 30 days from Invoice Date

Subtotal:	6044.40
Tax.....:	189.52
Payments:	0.00
Total....:	6233.92

5629.48

RECEIVED AUG - 5 2003

ALLIED CEMENTING CO., INC. 12882

Federal Tax I.D.# 48-0727860

ORIGINAL

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

SERVICE POINT:
Medicine Lodge

DATE <i>8-8-03</i>	SEC. <i>1</i>	TWP. <i>33S</i>	RANGE <i>19W</i>	CALLED OUT <i>1:00 AM</i>	ON LOCATION <i>2:00 AM</i>	JOB START <i>6:30 AM</i>	JOB FINISH <i>7:10 AM</i>
LEASE <i>Jacob Colter</i>		WELL# <i>1</i>	LOCATION <i>Oldwater, South Jo</i>		COUNTY <i>Comanche</i>	STATE	
OLD OR NEW (Circle one)			<i>Jet w/s</i>				

CONTRACTOR *Duke*

TYPE OF JOB *Production*

HOLE SIZE *7 7/8* T.D. *2000+*

CASING SIZE *4 1/2 x 10.5* DEPTH *5503*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX *1500* MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT *89 bbls 2% KCL*

EQUIPMENT

PUMP TRUCK CEMENTER *Carl Balding*

310-302 HELPER *Dave Felio*

BULK TRUCK

339-250 DRIVER *Travis Cushman*

BULK TRUCK

DRIVER

OWNER *RJ Patrick*

CEMENT

AMOUNT ORDERED *9 Gal Clapro*

175 5x 50:50 = 2 + 187 salt + 75K CD-31 + 1/4 Fl-sol

25 5x 60:40:6

COMMON	<i>102 5x @</i>	<i>7.15</i>	<i>729.30</i>
POZMIX	<i>98 5x @</i>	<i>3.80</i>	<i>372.40</i>
GEL	<i>5 5x @</i>	<i>10.00</i>	<i>50.00</i>
CHLORIDE	@		
Salt	<i>23 5x @</i>	<i>7.50</i>	<i>172.50</i>
CD-31	<i>110 @</i>	<i>5.50</i>	<i>605.00</i>
Fl-sol	<i>44 @</i>	<i>1.40</i>	<i>61.60</i>
Clapro	<i>9 Gal @</i>	<i>27.90</i>	<i>266.10</i>
	@		
HANDLING	<i>232 @</i>	<i>1.15</i>	<i>266.80</i>
MILEAGE	<i>232 x 45 v. 05</i>		<i>522.00</i>
			TOTAL <i>2985.70</i>

REMARKS:

Run casing Drop ball + leak circulation
Circulate 20 minutes. Mix 5 bbls scavenger
Cement B.S. APG, Finish 175 5x Cement 14.5 APG
wash up pump + lines. Release plug + Disp
w/ 89 bbls 2% KCL water. Change plug
+ float did not hold plug. Put 5 more
160 w/ 25 5x 60:40:6

SERVICE

DEPTH OF JOB	<i>5503</i>		
PUMP TRUCK CHARGE			<i>1428.00</i>
EXTRA FOOTAGE	@		
MILEAGE	<i>45 @</i>	<i>3.50</i>	<i>157.50</i>
PLUG Rubber	@		<i>48.00</i>
	@		
RECEIVED	@		
			TOTAL <i>1633.50</i>

CHARGE TO: *RJ Patrick*

STREET

CITY STATE ZIP

SEP 16 2003

KCC WICHITA

FLOAT EQUIPMENT

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX			
TOTAL CHARGE	<i>4619.20</i>		
DISCOUNT			IF PAID IN 30 DAYS
			TOTAL

SIGNATURE *Marvin Harvey*

MARVIN HARVEY
PRINTED NAME