

RECEIVED

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

DEC 03 2001
12-3-01
KCC WICHITA
6528

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # _____
 Name: R.J. Patrick Operating Company
 Address: P.O. Box 1157
 City/State/Zip: Liberal, Kansas 67905-1157
 Purchaser: ONEOK Field Services Company
 Operator Contact Person: R.J. Patrick
 Phone: (620) 624-8483
 Contractor: Name: Duke Drilling Co., Inc.
 License: 5929
 Wellsite Geologist: Bob Posey
 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. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____
10-16-01 10-28-01 11-05-01
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

API No. 15 - 033-21270-0000
 County: Comanche County, Kansas
NW NE SW Sec. 10 Twp. 33 S. R. 19 East West
2205 feet from N (circle one) Line of Section
1660 feet from E / W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner: 2870
 (circle one) NE SE NW SW
 Lease Name: Donald Herd Well #: 4-10
 Field Name: Coulter West
 Producing Formation: Miss/Ft. Scott/Pawnee/Attamont
 Elevation: Ground: 1997' Kelly Bushing: 2010'
 Total Depth: 5410' Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 656 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 656
 feet depth to surface w/ 325 sx cmt.

Drilling Fluid Management Plan ALT 1 gwh 10/18/02
 (Data must be collected from the Reserve Pit)
 Chloride content 4000 ppm Fluid volume 1550 bbls
 Dewatering method used evaporation
 Location of fluid disposal if hauled offsite:
 Operator Name: KBW Oil & Gas Company
 Lease Name: Harmon SWD License No.: 5993
 Quarter NW Sec. 11 Twp. 33 S. R. 20 East West
 County: Comanche Docket No.: 22304

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: R.J. Patrick
 Title: Owner Date: November 29, 2001
 Subscribed and sworn to before me this 29th day of November, 2001

Notary Public: Jayn Berry
 Date Commission Expires: 04/04/2004
 JAYN BERRY
 NOTARY PUBLIC
 STATE OF KANSAS
 My Appt. Expires: 4-4-04

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 Co. Lease Name: Donald Herd Well #: 4-10

Sec. 10 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:
 Cement Bond-Micro-Duel Comp.-Porosity Log ✓
 Duel Induction-Bore Hole Comp. Sonic Log ✓

*Copy of DST enclosed.

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
	Name Top Datum	
	HEBNER 4294 - 2284	
	LANSING 4583 - 2673	
	SWOPE 4830 - 2820	
	MARMATON 4990 - 2980	
	PAWNEE 5088 - 3078	
	FT SCOTT 5120 - 3112	
	CHEROKEE SHALE 5132 - 3122	
	MISSISSIPPIAN 5238 - 3228	

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	30	20"	48#	48'	Grout		
Surface	12-1/4"	8-5/8"	24#	656'	ALW Class A	225	3%cc 1#flo seal
Production	7-7/8"	4-1/2"	10.5#	5410'	50/50	100	3%cc 2%gel
						200	18%salt

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)	
2	5370 to 72-5360 to 64-5350 to 54-5318 to 44-5290 to 94-5247 to 52-5258 to 60-5268 to 70		4000 gals 15% MCA&Ball Sealers	5372 to 5268
2	5124 to 30-5090 to 92-5094 to 96-5100 to 06		3000 gals 20% MCA&Ball Sealers	5130 to 5106
2	5044 to 5050		2000 gals 15% MCF	5044 to 5050

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8	5380		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumard Production, SWD or Enhr.			Producing Method		
November 19, 2001			<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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	185	47	--	--

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled 5370 to 5044

Production Interval Other (Specify) _____

15-033-21270-0000

ALLIED CEMENTING CO., INC.

08606

Federal Tax I.D.# 48-0727860

ORIGINAL

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

SERVICE POINT:
Med Lodge

DATE <u>10-29-01</u>	SEC <u>10</u>	TWP <u>33S</u>	RANGE <u>19W</u>	CALLED OUT <u>8:00 PM</u>	ON LOCATION <u>12:30 AM</u>	JOB START <u>4:50 AM</u>	JOB FINISH <u>5:30 AM</u>
LEASE <u>Don Held</u>	WELL # <u>4-10</u>	LOCATION <u>Coldwater</u>		COUNTY <u>Comanche</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one) <u>NEW</u>			<u>55 3W 1S 1/2 E 1/3</u>				

CONTRACTOR Duke #7 OWNER R. Patrick Oper.

TYPE OF JOB Production

HOLE SIZE 7 7/8 T.D. 5410

CASING SIZE 4 1/2 x 10.15 DEPTH 5410

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL AFL Insert DEPTH 5400

PRES. MAX 1400 MINIMUM 300

MEAS. LINE _____ SHOE JOINT 10

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 864 BBLs 2% KCL water

EQUIPMENT

PUMP TRUCK # 343 CEMENTER Justin Hart

BULK TRUCK # 359-251 HELPER Mark Brungardt

BULK TRUCK # _____ DRIVER Eric Holmes

BULK TRUCK # _____ DRIVER _____

CEMENT	AMOUNT ORDERED		
COMMON	<u>A 113</u>	@ <u>6.65</u>	<u>751.45</u>
POZMIX	<u>112</u>	@ <u>3.55</u>	<u>397.60</u>
GEL	<u>4</u>	@ <u>10.00</u>	<u>40.00</u>
CHLORIDE		@	
salt	<u>33</u>	@ <u>7.50</u>	<u>247.50</u>
Flo-seal	<u>50#</u>	@ <u>1.40</u>	<u>70.00</u>
CD-31	<u>126#</u>	@ <u>5.50</u>	<u>693.00</u>
Clapro	<u>8 gals.</u>	@ <u>22.90</u>	<u>183.20</u>
HANDLING	<u>262</u>	@ <u>1.10</u>	<u>288.20</u>
MILEAGE	<u>262 x 50 x .104</u>		<u>524.00</u>

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12-3-01
DEC 03 2001

TOTAL 3194.95

KCC WICHITA

SERVICE

REMARKS:
Pipe on Bottom Drop Ball Break Circ
Plug Rat + Mouse 25 sx 60.40.6
Mix 200 sx 50.50.2 @ 145#
Shut Down Wash Pump & lines
Release Plug Diss 864 BBLs 2% KCL
water Pump Plug 700# to 1400#
Release Press Float Held

DEPTH OF JOB 5410

PUMP TRUCK CHARGE 1414.00

EXTRA FOOTAGE @ _____

MILEAGE 50 @ 150.00

PLUG 4 1/2 TRP @ 48.00

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

CHARGE TO: R. Patrick Oper.

STREET P.O. Box 1157

CITY LIBERAL STATE KANSAS ZIP 67905

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 4806.95

DISCOUNT 100.70 IF PAID IN 30 DAYS

4706.25

SIGNATURE Marvin Harvey MARVIN HARVEY

PRINTED NAME

15-033-21270-0000

ALLIED CEMENTING CO., INC.

08698

Federal Tax I.D.# 48-0727860

ORIGINAL

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

SERVICE POINT:
Medicine Lodge

DATE <u>10-17-01</u>	SEC. <u>10</u>	TWP. <u>33S</u>	RANGE <u>19W</u>	CALLED OUT <u>12:30 Am</u>	ON LOCATION <u>1:30 Am</u>	JOB START <u>9:15 Am</u>	JOB FINISH <u>9:45 Am</u>
LEASE <u>DHerd</u>	WELL # <u>4-10</u>	LOCATION <u>Coldwater Ks, Ss, 2w, K,</u>			COUNTY <u>Pemance</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>1/2 w, into</u>					

CONTRACTOR Duke #7
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 656
 CASING SIZE 8 7/8 x 2 1/4 DEPTH 656
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 1000' MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 43.64
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 40 Bbls Freshwater

OWNER RJ Patrick
 CEMENT AMOUNT ORDERED
225 sx 6 5/8 35 lb + 3 cc + 1/4 # fl-seal
100 SX Class A + 3 cc + 2 gel
 COMMON A 100 @ 6.65 665.00
 POZMIX _____ @ _____
 GEL 2 @ 10.00 20.00
 CHLORIDE 11 @ 30.00 330.00
AW 225 @ 6.30 1417.50
FL-SEAL 56# @ 1.40 78.40
 _____ @ _____
 _____ @ _____
 HANDLING 350 @ 1.10 385.00
 MILEAGE 350 x 50 .04 700.00

EQUIPMENT
 PUMP TRUCK CEMENTER Carl Badding
 # 360-265 HELPER Mike Lucke
 BULK TRUCK
 # 359 DRIVER ED Reed
 BULK TRUCK
 # _____ DRIVER _____

RECEIVED
 12-3-01
 DEC 03 2001
 TOTAL 3595.90
 KCC WICHITA SERVICE

REMARKS:

Pipe on bottom, break circulation,
dump 5 Bbls Freshwater,
225 sx lead cement +
100 SX tail cement
Release plug + Displace w 40 Bbls,
dump plug float did not hold,
circulate 100 sx to pit.

DEPTH OF JOB 656'
 PUMP TRUCK CHARGE 0-300' 520.00
 EXTRA FOOTAGE 356' @ .50 178 153.00
 MILEAGE 50 @ 3.00 150.00
 PLUG Rubber 8 1/2 B" @ 100.00 100.00
 _____ @ _____
 _____ @ _____

TOTAL 925.00
948.00

CHARGE TO: RJ Patrick Oper, Co,
 STREET P.O. Box 1157
 CITY General STATE KANSAS ZIP 67905

FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

TOTAL _____

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 4518.90
 DISCOUNT 451.89 IF PAID IN 30 DAYS
1067.01

SIGNATURE Kenneth McGuire

Kenneth McGuire
 PRINTED NAME