

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISIONForm ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Y903
Operator: License #

Name: R.J. Patrick Operating Company

Address: PO Box 1157

City/State/Zip: Liberal, KS 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./SWDPlug Back Plug Back Total DepthCommingled Docket No. _____Dual Completion Docket No. _____Other (SWD or Enhr.?) Docket No. _____

03-31-01 04-11-01

Spud Date or Date Reached TD

04/23/01

Completion Date
Recompletion Date

RECEIVED

KANSAS CORPORATION COMMISSION

RECOMPLETION

APR 30 2001

COPY

API No. 15 033-21195-0000

County: Comanche County, Kansas

SW SE SW Sec. 10 Twp. 33 S. R. 19 East West

330 feet from (S) N (circle one) Line of Section

1660 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner: 1695

(circle one) NE SE NW SW Lease Name: Donald Herd Well #: 3-10

Field Name: Coldwater West

Producing Formation: Mississippian, Cherokee, Pawnee

Elevation: Ground: 1993' Kelly Bushing: 2004'

Total Depth: 5399' Plug Back Total Depth: 5384

Amount of Surface Pipe Set and Cemented at 857 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 857

feet depth to Surface w/ 400 sx-cmt.

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

ALT 1 8/4 6/06/03

Chloride content: 4000 ppm Fluid volume: 1550 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite:

Operator Name: KBW Oil & Gas

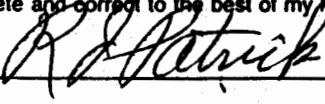
Lease Name: Harmon SWD License No.: 5993

Completion Date: 04/23/01 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.

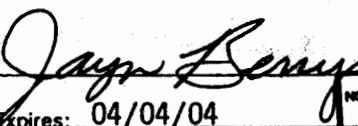
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: 

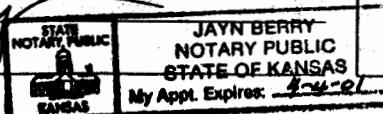
Title: Owner Date: 04/27/01

Subscribed and sworn to before me this 27th day of April

19 2001

Notary Public: 

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

R.J. Patrick Operating Company

Donald Herd

3-10

Operator Name

Lease Name:

Well #:

Sec. 10

Twp.

S. R.

10

 East West

County:

Comanche County, Kansas

INSTRUCTIONS: Show important tests and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests, living interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressure, 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 Log-Dual Comp-Porosity Log-Dual Induction-Bore Hole Comp-Sonic Log

 Log Formation (Top), Depth and Datum Sample

Name	Hebner	Top 4298	Datum 2294
	Lansing	4484	-2480
	Swope	4834	-2830
	Marmaton	4992	-2988
	Pawnee	5090	-3086
	Ft. Scott	5126	-3122
	Cherokee Shale	5134	-3130
	Conglomerate	5210	-3206
	Mississippian	5230	-3226
	TOTAL DEPTH	5407	-3403

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	# Sacs Used	Type and Percent Additives
Conductor	30"	20"	48#	40'	Grout		
Surface	12-1/4"	8-5/8"	24#	857'	65/35 Class A	300 100	6% gel 3%cc 2% gel
Production	7-7/8"	4-1/2"	10.5#	5398'		150	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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	5361 to 5371 Set Bridge Plug @ 5350	500 gal. 15% mud acid	5361'
2	5316 to 5323 5291 to 5300 5272 to 5280 and 5262 to 5264	3000 gal. 15% mud acid	5316 to 5262
2	5216 to 5224	500 gal. 15% mud acid	5216
2	5713 to 5116 5102 to 5106 5094 to	2000 gal. 20% mud acid	5094
		5098	

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8	5332	-		

Date of First, Resumed Production, SWD or Enhr.	Producing Method	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
April 27, 2001		

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	447	78	Load & Formation	

Disposition of Gas

METHOD OF COMPLETION

Production Interval

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

Open Hole Perf. Dually Comp. Commingled 5371 to 5094
 Other (Specify) _____