

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

API NO. 15- 033-20965 0000

ORIGINAL

County Comanche County, Kansas

NE -SE NE Sec. 4 Twp. 33 Rge. 19 xx

Operator: License # 6528

1650 Feet from S/W (circle one) Line of Section

Name: R.J. Patrick Operating Company

330 Feet from E/W (circle one) Line of Section

Address P.O. Box 1157

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

City/State/Zip Liberal, KS 67905-1157

Lease Name Herd Well # 2-4

Purchaser: _____

Field Name Wildcat

Operator Contact Person: RJ Patrick

Producing Formation _____

Phone (316) 624-8483

Elevation: Ground 196 KB 1939

Contractor: Name: Duke Drilling Co., Inc.

Total Depth 378' PBD 180'

License: 5929

Amount of Surface Pipe Set and Cemented at none Feet

Wellsite Geologist: none

Multiple Stage Cementing Collar Used? Yes No

Designate Type of Completion
 New Well Re-Entry Workover

If yes, show depth set _____ Feet

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

If Workover:

Drilling Fluid Management Plan DA, 9-22-98 UIC
(Data must be collected from the Reserve Pit)

Operator: _____

Chloride content N/A ppm Fluid volume _____ bbls

Well Name: _____

Dewatering method used N/A

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

Operator Name N/A

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

08-13-98 08-13-98 -8=14-98
Spud Date Date Reached TD Completion Date

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 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 RJ Patrick
Title Owner Date 09/17/98

Subscribed and sworn to before me this 17th day of September,
19 98.

Notary Public Jay Berry

Date Commission Expires 04/04/2000

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

STATE NOTARY PUBLIC
KANSAS
JAYN BERRY
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Expires: 4-4-2000

Operator Name R.J. Patrick Operating Company Lease Name Herd Well # 2-4

Sec. 4 Twp. 33 Rge. 19 East West
 County Comanche 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 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:

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

N/A
 NOTE: Washed out under rig @378'. Skidded rig 70' north. Plugged old hole 180' to 0.

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
Conductor		20"		56'		5 1/2 yd	Grout

ADDITIONAL CEMENTING/SQUEEZE RECORD None

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
N/A	N/A	N/A

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
<i>PdA</i>	
Estimated Production Per 24 Hours	Oil Bbls. <i>N-A</i> Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, submit ACO-18.) Other (Specify) _____



JOB LOG 4239-5

15-033-20965-0000
Plugging

ORIGINAL

TICKET DATE

REGION North America	NWA/COUNTRY	BDA / STATE	COUNTY
MBU ID / EMP #	EMPLOYEE NAME	PSL DEPARTMENT	
LOCATION	COMPANY	CUSTOMER REP / PHONE	
TICKET AMOUNT 53076.12	WELL TYPE	API / UWI # 15-033-20965	
WELL LOCATION	DEPARTMENT	JOB PURPOSE CODE	
LEASE / WELL #	SEC / TWP / RNG		

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS

CHART NO. #	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0830							Called Out
	1130							On loc w/Trks
								wait on Tbg & Backhoe
	1300	2	80	✓		150		Wash Down 6 Jt's Tbg w/ Houco w/Bit
								wait on H ₂ O
	1530	2		✓		110		St Plugging (mt @ 13.3ppg Good line
	1545	0	371.2	✓		150		Good (mt Returns Shut Down mixed Total 130 sk's (mt Cellar full (mt T.O.H. w/Tbg & 4.75 Drill Bit
								Job Complete
								Thank you Scotty

RECEIVED
SEP 19 1991
9-18-91
OPERATION DIVISION
Wichita, Kansas



ORIGINAL

15-033-20965-0000

Halliburton Energy Services

DATE:08-28-1998 TIME:08:08:53 SERVICE TICKET: 395084
PRATT-25555 BULK TICKET ONLY: 100398

JOB PURPOSE:PLUG TO ABANDON COMPANY TRUCK::52530 DRIVER: C BAKER

CUSTOMER: R J PATRICK OPERATING CO LEASE & WELL#:HERD 2-4

Table with 5 columns: Item ID, Description, Quantity, Unit, Price. Includes rows for 504-136 (40/60 POZMIX CEMENT), 507-277 (4 % ADDED GEL), 500-207 (SERVICE CHARGES), 500-306 (WEIGHT: 21495 MILES: 65 TON MILES: 698.59 1.25), 500-225 (RETURN SERVICE CHARGES), and 500-306 (RETURN MILES: 65 TON MILES: 1.25). Includes a TOTAL row with handwritten adjustments.

RECEIVED STATE COMPLETION COMMISSION SEP 16 1998 CONSERVATION DIVISION Wichita, Kansas



HALLIBURTON ENERGY SERVICES

1906-Q

CHARGE TO
RJ Patrick Operating Co
 ADDRESS
P.O. Box 1157
 CITY, STATE, ZIP CODE
Liberal KS 67905

ORIGINAL - DUNCAN COPY TICKET

ORIGINAL No. **395084 - 8**

PAGE 1 OF 2

35
 SERVICE LOCATIONS
 1. **Pratt KS**
 WELL/PROJECT NO. **2-4**
 LEASE **Herd**
 COUNTY/PARISH **Comanche**
 STATE **KS**
 CITY/OFFSHORE LOCATION
 DATE **8.28.98**
 OWNER **Same**
 2. TICKET TYPE
 SERVICE JOB? YES
 SALES NO
 CONTRACTOR **Well Tech**
 RIG NAME/NO.
 SHIPPED VIA **Howie**
 DELIVERED TO **Loc**
 ORDER NO.
 3. WELL TYPE **02**
 WELL CATEGORY **06**
 JOB PURPOSE **115**
 WELL PERMIT NO.
 WELL LOCATION **land**
 4. REFERRAL LOCATION
 INVOICE INSTRUCTIONS **APT # 15033209650000**

JOB PURPOSE	PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
			LOC	ACCT	DF							
115	000.117		1			MILEAGE 53387# RD TP	130		mi		3.65	474.50
11	000.119		1			New mileage 42269# RDTP	130		mi		2.15	279.50
11	009.019		1		50	Pump Charge 1 Trk	183	4	hrs		1875.00	1875.00
11	116.939		1			Tbg Swivel	1		eq per/Job		286.00	286.00
			1			Bulk TRK # 100398						2673.00

RECEIVED
 STATE CORPORATION COMMISSION
 SEP 18 1998
 CONSENTATION DIVISION
 Wichita, Kansas

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.

X *RJ Patrick*
 DATE SIGNED **8.28.98** TIME SIGNED **1230**
 A.M. P.M.
 do not require IPC (Instrument Protection). Not offered

TYPE LOCK
 SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN
 BEAN SIZE
 TYPE OF EQUALIZING SUB. CASING PRESSURE
 DEPTH
 TUBING SIZE TUBING PRESSURE WELL DEPTH
 SPACERS
 TREE CONNECTION TYPE VALVE
 PAGE TOTAL **5308.6**
 FROM CONTINUATION PAGE(S)
 SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE

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) **RJ Patrick** CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) **X [Signature]** HALLIBURTON OPERATOR/ENGINEER EMP # **David L Scott B9475** HALLIBURTON APPROVAL **D L Scott**