

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

CONFIDENTIAL

P&A
ORIGINAL

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address: P.O. Box 783188
City/State/Zip: Wichita, KS 67278-3188
Purchaser: _____
Operator Contact Person: Rocky Milford
Phone: (316) 691-9500
Contractor: Name: Pickrell Drilling, Co.
License: KLN5123
Wellsite Geologist: Jeff Christian

Designate Type of Completion:

☒ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ SWD ☐ SIOW ☐ Temp. And
☐ 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. _____

6/2/03 6/11/03 6/12/03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 101-21814-00-00
County: Lane
130' NW 2 - SW - SE Sec. 25 Twp. 17 S. R. 30 ☐ East ☒ West
790 feet from S / XX (circle one) Line of Section
2310 feet from E / XX (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Dowd Well #: 1
Field Name: Wildcat
Producing Formation: _____
Elevation: Ground: 2826 Kelly Bushing: 2831
Total Depth: 4635 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 228 Feet
Pipe 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.

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

Chloride content 9,000 ppm Fluid volume 1,000 bbls
Dewatering method used evaporation

Location of fluid disposal if hauled offsite:

Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West
County: _____ Docket No.: _____

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: Robert Milford
Title: Geologist Date: 7-2-03
Subscribed and Sworn to before me this 2nd day of July, 2003.
Notary Public: Debra K. Phillips My Appt. Expires 5/4/07
Date Commission Expires: 5/4/2007

KCC Office Use ONLY

☒ Letter of Confidentiality Attached
If Denied, Yes ☐ Date: _____
☒ Wireline Log Received
☒ Geologist Report Received
☐ UIC Distribution

Operator Name: Ritchie Exploration, Inc. Lease Name: Dowd Well #: 1
 Sec. 25 Twp. 17 S. R. 30 ☐ East ☒ West County: Lane

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:

Compensated Density/Neutron Log
 Dual Induction Log

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

SEE ATTACHED SHEET

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
surface	12-1/4	8-5/8		228	Common	175	2%gel, 3%cc

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

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input 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

Disposition of Gas

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole

☐ Perf.

☐ Dually Comp.

☐ Commingled

☐ Other (Specify)



ORIGINAL

CONFIDENTIAL

RECEIVED

JUL 03 2003

KCC WICHITA

#1 Dowd

790' FSL & 2310' FEL
(130' N of W/2 SW SE)

Section 25-17S-30W

Lane County, Kansas

API# 15-101-21814

Pickrell Drilling Co, Inc. Rig #10

Field: Jeff Christian

Office: Rocky Milford

Elevation: 2826' GL: 2831' KB

KCC

JUL 02 2003

CONFIDENTIAL

RELEASED

FROM

CONFIDENTIAL

Sample Tops	Ref. Well		
Anhydrite	2217	+614	-5
B/Anhydrite	2244	+587	-6
Stotler	3515	-684	flat
Heebner	3902	-1071	+4
Lansing	3943	-1112	+4
Stark	4207	-1376	+7
B/KC	4282	-1451	+6
Marmaton	4317	-1486	+6
Pawnee	4405'	-1574	+7
Myrick Station	4435'	-1604	+8
Fort Scott	4456'	-1625	+7
Cherokee	4475'	-1644	+10
Mississippian	4548'	-1717	+15
RTD	4635'	-1804	

ALLIED CEMENTING CO., INC. 11092

Federal Tax I.D.#

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

SERVICE POINT:
OAKLEY

DATE 6-2-03	SEC. 25	TWP. 17S	RANGE 30W	CALLED OUT JUL 02 2003	ON LOCATION 4:45 PM	JOB START 5:45 PM	JOB FINISH 6:15
LEASE Dowd	WELL # 1	LOCATION HEALY	CONFIDENTIAL 1E-52S-1E-12S CO. FID GATE FID 1/2 2000		COUNTY LANE	STATE KS	
OLD OR NEW (Circle one)							

CONTRACTOR PICKRELL DRILL #10	OWNER SAME
TYPE OF JOB SURFACE	
HOLE SIZE 12 1/4"	T.D. 233'
CASING SIZE 8 5/8"	DEPTH 233'
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. 15'	
PERFS.	
DISPLACEMENT 14 BBL	

EQUIPMENT

PUMP TRUCK	CEMENTER TERRY
# 102	HELPER WALT WAYNE
BULK TRUCK	
# 218	DRIVER JARROD
BULK TRUCK	
#	DRIVER

CEMENT
AMOUNT ORDERED 175 SKS COM 38 CC 28 GEL

COMMON	175 SKS	@ 8.35	1461.25
POZMIX		@	
GEL	3 SKS	@ 10.00	30.00
CHLORIDE	6 SKS	@ 30.00	180.00
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	175 SKS	@ 1.15	201.25
MILEAGE	0.54 PER SK / MILE		393.75

RECEIVED

TOTAL 2266.25

JUL 03 2003

KCC WICHITA SERVICE

REMARKS:

CEMENT DID CIRC. ✓

DEPTH OF JOB 233'	
RELEASED FROM	
CONFIDENTIAL	
THANK YOU	
CHARGE TO: RITCHIE EXPLORATION, INC.	
STREET	
CITY	STATE ZIP

DEPTH OF JOB 233'	
DUMP TRUCK CHARGE	520.00
EXTRA FOOTAGE	@
MILEAGE 45 MI	@ 3.50 157.50
PLUG 1	@ 45.00
	@
	@

TOTAL 722.50

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

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE Mike Kern

Mike Kern
PRINTED NAME