

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

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 33060
Name: Diversified Operating Corporation
Address: 15000 West 6th Ave. Suite 102
City/State/Zip: Golden, CO 80401
Purchaser: PRG Inc.
Operator Contact Person: Terry Cammon
Phone: (303) 384-9611
Contractor: Name: Murfin Drilling Rig 21
License: 30606
Wellsite Geologist: None

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: Pickrell Drilling Company
Well Name: #1 Birney B

Original Comp. Date: 02/04/83 Original Total Depth: 5345
____ 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. ____

<u>01/26/06</u>	<u>01/28/06</u>	<u>04/12/06</u>
Spud Date or	Date Reached TD	Completion Date or
Recompletion Date		Recompletion Date

API No. 15 - 025-20659-00-02
County: Clark
____ - ____ SW SE Sec. 2 Twp. 31 S. R. 21 ☐ East ☒ West
1980 feet from S / (N) (circle one) Line of Section
1980 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) (NE) SE NW SW

Lease Name: Birney Well #: 2-7RE
Field Name: Calvary Creek

Producing Formation: Mississippian
Elevation: Ground: 2261 Kelly Bushing: 2272
Total Depth: 5346 Plug Back Total Depth: 5310
Amount of Surface Pipe Set and Cemented at 530 Feet
Multiple 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 19000 ppm Fluid volume 1000 bbls
Dewatering method used Natural Drying and Hauling

Location of fluid disposal if hauled offsite:

Operator Name: Dillco Fluid Services
Lease Name: Regier License No.: 6652
Quarter ____ Sec. 17 Twp. 33 S. R. 27 ☐ East ☒ West
County: Mead Docket No.: C-21232

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: [Signature]
Title: Petroleum Engineer Date: 06/22/06
Subscribed and sworn to before me this 22nd day of June
2006
Notary Public: [Signature]
Date Commission Expires: 4/19/2010

KCC Office Use ONLY

____ Letter of Confidentiality Received

If Denied, Yes ☐ Date: _____

____ Wireline Log Received

____ Geologist Report Received

____ UIC Distribution

RECEIVED
JUN 26 2006

KCC WICHITA

Operator Name: Diversified Operating Corporation Lease Name: Birney Well #: 2-7RE
 Sec. 2 Twp. 31 S. R. 21 ☐ East ☒ West County: Clark

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:

Reentry, no open hole logs were run.

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

Name

Top
ORIGINAL

Datum

N/A

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
Production	7 7/8	4 1/2	10.5	5304	50/50 Poz	375	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

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
4 SPF	5204' to 5210', 5232' to 5240'	2000 Gal 15% MCA	5204-40
		1500 Gal 20% Fe Foamed 70%	5204-40

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	5270	none	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. SIGW	Producing Method <input checked="" 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
		500		

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) _____

RECEIVED

JUN 26 2006

KCC WICHITA



TREATMENT REPORT

Customer DIVERSIFIED OPERATING CORP		Lease No.		Date 1-27-06	
Lease BIRNEY		Well # #2-7RE OWWO			
Field Order # 11252	Station PRA77	Casing 4 1/2	Depth 3304	County CHADWICK	State KS
Type Job 4 1/2" LONG STRING OWWO			Formation		Legal Description 2525-21W

ORIGINAL

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size	Shots/Ft		Acid- 375 SKS 50/50 P02	RATE	PRESS	ISIP	
Depth 3304	Depth	From	To	Pre Pad 210 BWT GEL	Max.	175% FRAC. RED.	5 Min.	
Volume 842	Volume	From	To	Pad 10% SART 6 1/4" GEL	Mjn		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection 210 GEL	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 3216.3	Packer Depth	From	To	Flush 3000 KCL / 54 H2O	Gas Volume		Total Load	

Customer Representative ALLEN	Station Manager DAVE SCOTT	Treater M MCGUIRE
----------------------------------	-------------------------------	----------------------

Service Units 118	226	346/570									
Driver Names MCGUIRE	TAYLOR	TRAVY									

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1830					ON LOCATION / SAFETY MET
2015					CASING CROW TO RUN INTS USED
					105" CASING
					CENTRALIZERS # 1, 2, 3, 4, 15, 16
					SHOE INT W AUTO FILL SHOE INT, TR LAMP
					DOWN BAFFLE
2315					CASING ON BOTTOM DROP BALL
					HOOK UP TO RIG & CIRCULATE
2330					HOOK UP TO PUMP TRUCK
2331					START MUD FLUSH
			20	5	H2O SPACER
			23	5	MIX 350 SKS 50/50 P02 @ 14' / H
			109	5	SHUT DOWN / CHASE PUMP & LINE
2355					RELEASE PAUL
0000					START DISPLACEMENT
	700		65	5	LIFT PRESSURE
0020	1500		882	5	PAUL DOWN
					MIX 25 SKS FOR RH & MH
					JOB COMPLETE
					WASH UP / RACK UP
					THANK YOU MIKE & CREW

RECEIVED

JUN 26 2006

KCC WICHITA