

**AMENDED**

**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

Operator: License # 33060  
Name: Diversified Operating Corp  
Address: 15000 West 6th Ave. Suite 102  
City/State/Zip: Golden, CO 80401  
Purchaser: Not Available Yet  
Operator Contact Person: Terry Cammon  
Phone: (303) 384-9611  
Contractor: Name: Murfin Drilling Rig 21  
License: \_\_\_\_\_  
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. \_\_\_\_  
1-26-06 02/04/83 1-28-06 Plugged 4-12-06  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

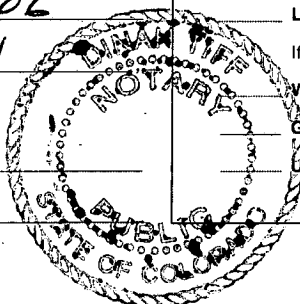
API No. 15 - 025-20659-00-02  
County: Clark  
\_\_\_\_ SW NE Sec. 2 Twp. 31 S. R. 21 ☐ East ☒ West  
1980 feet from S / N (circle one) Line of Section  
1980 feet from E / W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: 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 \_\_\_\_\_ sx cmt.

Dlg - 9/24/08  
**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used No pits used  
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: \_\_\_\_\_  
Title: PRESIDENT Date: 4/18/06  
Subscribed and sworn to before me this 18<sup>th</sup> day of April  
20 06  
Notary Public: \_\_\_\_\_  
Date Commission Expires: 4/19/2006



**KCC Office Use ONLY**

Letter of Confidentiality Received

If Denied, Yes ☐ Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

**RECEIVED**  
**APR 27 2006**  
**KCC WICHITA**

Operator Name: Diversified Operating Corp 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 this time.

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

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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	# Sacks Used	Type and Percent Additives
Production	7 7/8	4 1/2	10.5	5346	50/50 Poz	375	

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				

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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			5200	none	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
SIGW			<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.
				500		
						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) Waiting on pipeline



# TREATMENT REPORT

Customer <b>DIVERSIFIED OPERATING CORP</b>		Lease No.		Date <b>1-27-06</b>	
Lease <b>BIRNEY</b>		Well # <b>#2-7RE</b>			
Field Order # <b>11252</b>	Station <b>PRATT</b>	Casing <b>4 1/2</b>	Depth <b>5304</b>	County <b>CHARK</b>	State <b>K</b>
Type Job <b>4 1/2" LONG STRING OWWO</b>			Formation	Legal Description <b>2.325-21W</b>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size <b>4 1/2</b>	Tubing Size	Shots/Ft		Acid <b>375 SKS 50/50 POZ</b>	RATE	PRESS	ISIP
Depth <b>5304</b>	Depth	From	To	Pre Pad <b>2% O.B.W. GEL</b>	Max <b>75% FRAC RLD</b>		5 Min.
Volume <b>842</b>	Volume	From	To	Pad <b>10% SALT 6% KHSO<sub>4</sub></b>	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection <b>PLUG CORR.</b>	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth <b>5216.3</b>	Packer Depth	From	To	Flush <b>30% KCL / 54 H<sub>2</sub>O</b>	Gas Volume		Total Load

Customer Representative <b>ALLEN</b>		Station Manager <b>DAVE SCOTT</b>		Treater <b>M McGUIRE</b>	
Service Units <b>118</b>	<b>226</b>	<b>346/570</b>			
Driver Names <b>M McGUIRE</b>	<b>K TAYLOR</b>	<b>TRAVY</b>			

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1830					ON LOCATION / SAFETY MTL
2015					CASING CREAM TO RUN INTS USED 10" CASING
					CENTRALIZERS # 1, 2, 3, 4, 15, 16
					SHOE INT W AUTO FILL SITOL INT, IR LATCH DOWN BATTLE
2315					CASING ON BOTTOM DROP BALL
					HOOK UP TO RIL & CIRCULATE
2330					HOOK UP TO PUMP TRUCK
2331					START MUD FLUSH
			20	5	H <sub>2</sub> O SPACER
			23	5	MIX 350 SKS 50/50 POZ @ 14' #
			109	5	SHUT DOWN / CHASE PUMP & NIVE
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

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INVOICE NO.
Date 1-27-06
Customer ID

Subject to Correction

**FIELD ORDER**

11252 ✓

CHARGE

DIVERSIFIED OPERATING CORP

County  
CLARK

BIRNEY

Well #  
#2-7 RE

Legal  
2-32-21W

State  
KS

Station  
PRATT

Depth

Formation

Shoe Joint

7.65

Casing

4 1/2

Casing Depth

5304

TD

Job Type

4 1/2" LONG STRING DRILL

Customer Representative

ALLEN

Treater

M. McGUIRE

AFE Number

PO Number

Materials Received by

X

*Ch Walker*

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D104	375 sk	50/50 POZ	—			
C221	1802 lb	SALT	—			
C244	237 lb	CEMENT FRICTION REDUCER	—			
C321	2237 lb	GILSONITE	—			
C322	840 gal	MUD FLUSH	—			
F100	7	CENTRIFUGES 4 1/2	—			
F210	1	AUTO FILL FLOAT SHOE 4 1/2	—			
F170	1	I.R. LATCH DOWN PLUG + BATTER 4 1/2	—			
C141	3 gal	CC-1	—			
F800	1	THREADLOCK COMPAND KIT	—			
E100	120 mi	HEAVY VEHICLE MILEAGE				
E101	60 mi	PICKUP MILEAGE				
E107	375 sk	CEMENT SERVICE CHARGE				
E104	945 tm	PROPANT & BULK DELIVERY				
R211	1	CASING CEMENT PUMPER				
R701	1	CEMENT HEAD RENTAL				
		DISCOUNTED PRICE				
		+ TAX'S				
				\$10778.68		

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***Diversified Operating Corporation***

**15000 West 6<sup>th</sup> Avenue, Suite 102**

**Phone : 303 384-9611**

**Fax : 303 384-99612**

April 24, 2006

Kansas Corporation Commission  
Conservation Division  
130 S. Market, Room 2078  
Wichita, KS 67202

RE: Birney 2-7RE

API No: 15-025-20659-00-01

Gentlemen:

This well was a reentry of a well drilled and logged in 1983. There are no new geological or electric logs to submit with the ACO-1.

Sincerely,



Bill Warburton

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