

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
October 2008  
Form Must Be Typed

10/20/10

CONFIDENTIAL

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 30604  
Name: Raydon Exploration  
Address 1: 1601 NW Expressway, Suite 1300  
Address 2: \_\_\_\_\_  
City: Oklahoma City State: OK Zip: 73118 + 1462  
Contact Person: David E. Rice  
Phone: ( 620 ) 624-0156  
CONTRACTOR: License # 34127  
Name: Tomcat Drilling LLC **CONFIDENTIAL**  
Wellsite Geologist: Ed Grieves **OCT 20 2009**  
Purchaser: \_\_\_\_\_  
Designate Type of Completion: **KCC**  
 New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover  
 Oil \_\_\_\_\_ SWD \_\_\_\_\_ SIOW  
\_\_\_\_\_ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW  
\_\_\_\_\_ CM (Coal Bed Methane) \_\_\_\_\_ Temp. Abd.  
\_\_\_\_\_ 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. \_\_\_\_\_ Conv. to SWD  
\_\_\_\_\_ Plug Back: \_\_\_\_\_ Plug Back Total Depth  
\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Other (SWD or Enhr.?) \_\_\_\_\_ Docket No.: \_\_\_\_\_  
8/7/09                      8/17/09                      9/11/09  
Spud Date or                      Date Reached TD                      Completion Date or  
Recompletion Date                                                                Recompletion Date

API No. 15 - 175-22178-00-00  
Spot Description: \_\_\_\_\_  
\_\_\_\_\_ SE SW NW Sec. 23 Twp. 32 S. R. 32  East  West  
2310 Feet from  North /  South Line of Section  
990 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Seward  
Lease Name: McBride Well #: 5-23  
Field Name: Wildcat  
Producing Formation: Lansing  
Elevation: Ground: 2822 Kelly Bushing: 2833  
Total Depth: 4550 Plug Back Total Depth: 4476  
Amount of Surface Pipe Set and Cemented at: 1657 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** **10/10/10-3009**  
*(Data must be collected from the Reserve Pit)*  
Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls  
Dewatering method used: \_\_\_\_\_  
Location of fluid disposal if hauled offsite:  
Operator Name: Dillco Fluid Service, Inc.  
Lease Name: Feldman SWD License No.: 9491  
Quarter \_\_\_\_\_ Sec. 18 Twp. 34 S. R. 28  East  West  
County: Meade Docket No.: C-23,094

**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: David E. Rice  
Title: Agent Date: 10/20/09  
Subscribed and sworn to before me this 20th day of October,  
2009.  
Notary Public: Becki Andrews  
Date Commission Expires: \_\_\_\_\_

NOTARY PUBLIC - STATE OF KANSAS  
BECKI ANDREWS  
My Commission Expires 4-22-2013

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
\_\_\_\_\_  
UIC Distribution  
**RECEIVED**  
**OCT 21 2009**

KCC WICHITA

Operator Name: Raydon Exploration Lease Name: McBride Well #: 5-23  
 Sec. 23 Twp. 32 S. R. 32  East  West County: Seward

**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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run: Array Compensated Resistivity Log Spectral Density Dual Spaced Neutron Log Microlog Cement Bond Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Base Heebner</td> <td>4242</td> <td></td> </tr> <tr> <td>Toronto</td> <td>4250</td> <td></td> </tr> <tr> <td>Lansing "A"</td> <td>4342</td> <td></td> </tr> <tr> <td>Lansing "B"</td> <td>4848</td> <td></td> </tr> </table>	Name	Top	Datum	Base Heebner	4242		Toronto	4250		Lansing "A"	4342		Lansing "B"	4848	
Name	Top	Datum														
Base Heebner	4242															
Toronto	4250															
Lansing "A"	4342															
Lansing "B"	4848															

CASING RECORD <input checked="" type="checkbox"/> New <input 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
Surface	12-1/4"	8-5/8"	24#	1657'	Varicem/Halcem	525	WG-17, 2%CC, Poly-E-Flake
Production	7-7/8"	5-1/2"	15.5#	4532'	Halcem/Poz Prem	175	Hatad 322, 10% Kol Seal, Cal Seal

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 <i>(Amount and Kind of Material Used)</i>	Depth
6	4389'-4392'	1000 gals 15% NEFE Acid	4389'-4392'

TUBING RECORD:	Size: <u>2-7/8"</u>	Set At: <u>4437'</u>	Packer At: <u>N/A</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>9/11/09</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. <u>13</u>	Gas Mcf <u>N/A</u>	Water Bbls. <u>21</u>	Gas-Oil Ratio <u>N/A</u>
				Gravity <u>42.8</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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The Road to Excellence Starts with Safety

Sold To #: 304931	Ship To #: 2736208	Quote #:	Sales Order #: 6825560
Customer: RAYDON EXPLORATION, INC.		Customer Rep: Rice, David	
Well Name: McBride	Well #: 5-28	API/UWI #: 15-175-22178	
Field: FEDDER	City (SAP): LIBERAL	County/Parish: Seward	State: Kansas
Legal Description: Section 23 Township 32S Range 32W			
Contractor: Tomcat		Rig/Platform Name/Num: 23	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: HESTON, MYRON		Srvc Supervisor: BRINKMAN, BENNETT	MBU ID Emp #: 414024

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BRINKMAN, BENNETT Wade	6	414024	JOHNSON, CALEB Lemuel	6	216972	POLSTER, MATT	6	1
SMITH, ADAM	6	312538						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
08-08-2009	6	1	OCT 21 2009					
TOTAL				Total is the sum of each column separately				

Job				Job Times			
Formation Name	Formation Depth (MD) Top	Bottom		Date	Time	Time Zone	
			Called Out	08 - Aug - 2009	09:00	CST	
			On Location	08 - Aug - 2009	13:00	CST	
Form Type		BHST	Job Started	08 - Aug - 2009	19:05	CST	
Job depth MD	1650. ft	Job Depth TVD	Job Completed	08 - Aug - 2009	20:10	CST	
Water Depth		Wk Ht Above Floor	Departed Loc	08 - Aug - 2009	21:15	CST	
Perforation Depth (MD) From		To					

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Surface Hole				12.25					1650.		
Surface Casing	Unknown		8.625	8.097	24.	8 RD (ST&C)	J-55		1650.		

Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 8 5/8, HWE, 7.20 MIN/8.09 MA	1	EA		
SHOE, GID, 8-5/8 8RD	1	EA		
VLVASSY, INSR FLOAT, 8-5/8 8RD, 24 lbs/ft	1	EA		
FILLUP ASSY - 1.500 ID - 7 IN. - 8-5/8	1	EA		
CENTRALIZER ASSY - API - 8-5/8 CSG X	3	EA		
CLP, LIM, 8 5/8, FRICT, WTH DOGS	1	EA		
BASKET - CEMENT - 8 5/8 CSG X 12 1/4	1	EA		
KIT, HALL WELD-A	1	EA		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			

Miscellaneous Materials												
Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		Conc %
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty
Fluid Data												
Stage/Plug #: 1												
Fluid #	Stage Type	Fluid Name			Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	Water Pre-Flush					bbl	8.33	.0	.0	.0		
2	Lead Cement	VARICEM (TM) CEMENT (452009)				sacks	11.2	3.14	19.56		19.56	
	0.1 %	WG-17, 50 LB SK (100003623)										
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)										
	0.25 lbm	POLY-E-FLAKE (101216940)										
	19.556 Gal	FRESH WATER										
3	Tail Cement	HALCEM (TM) SYSTEM (452986)				sacks	14.8	1.34	6.32		6.32	
	0.25 lbm	POLY-E-FLAKE (101216940)										
	6.324 Gal	FRESH WATER										
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)										
4	Displacement					bbl	8.33	.0	.0	.0		
Calculated Values			Pressures			Volumes						
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad				
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment				
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job				
Rates												
Circulating		Mixing		Displacement		Avg. Job						
Cement Left In Pipe		Amount	42 ft	Reason	Shoe Joint							
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID					
The Information Stated Herein Is Correct					Customer Representative Signature							

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The Road to Excellence Starts with Safety

Sold To #: 304931	Ship To #: 2736208	Quote #:	Sales Order #: 6844286
Customer: RAYDON EXPLORATION, INC.		Customer Rep:	
Well Name: McBride	Well #: 5-28	API/UWI #: 15-175-22178	
Field: FEDDER	City (SAP): LIBERAL	County/Parish: Seward	State: Kansas
Legal Description: Section 23 Township 32S Range 32W			
Contractor: Tomcat		Rig/Platform Name/Num: 3	
Job Purpose: Cement Production Casing			
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: HESTON, MYRON		Srvc Supervisor: UNDERWOOD, BILLY MBU ID Emp #: 159068	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
HILL, RICKEY Lester	7	457261	TIRRELL, MICHAEL Edward	9	429195	UNDERWOOD, BILLY Dale	9	159068

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10249493	25 mile	10724645	25 mile	10949721	25 mile	10951586	25 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
8-18-09	9	1.5						
TOTAL				Total is the sum of each column separately				

Job

Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	17 - Aug - 2009	19:30	CST
Form Type	BHST		Job Started	18 - Aug - 2009	00:15	CST
Job depth MD	4550. ft	Job Depth TVD	Job Completed	18 - Aug - 2009	07:15	CST
Water Depth		Wk Ht Above Floor	Departed Loc	18 - Aug - 2009	08:45	CST
Perforation Depth (MD)	From	To		18 - Aug - 2009	09:30	CST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Production Hole				7.875				1650.	4550.		
Production Casing - 5 1/2" Option	Unknown		5.5	4.95	15.5		J-55	.	4550.		
Surface Casing	Unknown		8.625	8.097	24.	8 RD (ST&C)	J-55	.	1650.		

Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP AL,5 1/2 13-23#,OIL	1	EA		RECEIVED OCT 21 2009 KCC WICHITA
SHOE,GID,5-1/2 8RD	1	EA		
FLOAT-IFV,5 1/2,8RD,LG,8RD & BUTRS	1	EA		
FILLUP ASSY-1.000 ID-4 1/2	1	EA		
CENTRALIZER ASSY - TURBO - API -	12	EA		
COLLAR-STOP-5 1/2"-W/DOGS	1	EA		
KIT,HALL WELD-A	1	EA		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials											
Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%	Treatment Fld	Conc	Inhibitor	Conc
Fluid Data											
Stage/Plug #: 1											
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk		
1	Water Pre-Flush			bbl	8.33	.0	.0	.0			
2	MUD FLUSH III	MUD FLUSH III - SBM (528788)		bbl	8.4	.0	.0	.0			
3	Water Spacer			bbl	8.33	.0	.0	.0			
4	Premium Cement (Scavenger)	HALCEM (TM) SYSTEM (452986)		sacks	11.	3.35	20.54		20.54		
	10 lbm	KOL-SEAL, BULK (100064233)									
	0.6 %	HALAD(R)-322, 50 LB (100003646)									
	20.542 Gal	FRESH WATER									
5	50/50 Poz Premium	ECONOCEM (TM) SYSTEM (452992)		sacks	14.2	1.61	6.93		6.93		
	10 %	SALT, 100 LB BAG (100003652)									
	10 %	CAL-SEAL 60, BULK (100064022)									
	5 lbm	KOL-SEAL, BULK (100064233)									
	0.6 %	HALAD(R)-322, 50 LB (100003646)									
	0.5 %	D-AIR 3000 (101007446)									
	6.93 Gal	FRESH WATER									
6	Displacement Fluid			bbl	8.33	.0	.0	.0			
	2 gal/Mgal	CLAYFIX 3, TOTETANK (101583425)									
7	Plug Rat and Mouse Holes (Premium)	CMT - PREMIUM CEMENT (100003687)		sacks	11.	3.35	20.54		20.54		
	94 lbm	CMT - PREMIUM - CLASS H REG OR TYPE V, BULK (100003687)									
	10 lbm	KOL-SEAL, BULK (100064233)									
	0.6 %	HALAD(R)-322, 50 LB (100003646)									
	20.542 Gal	FRESH WATER									
Calculated Values			Pressures			Volumes					
Displacement	107	Shut In: Instant		Lost Returns		Cement Slurry	89	Pad			
Top Of Cement		5 Min		Cement Returns		Actual Displacement	107	Treatment			
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	226		
Rates											
Circulating	4	Mixing	5	Displacement	6	Avg. Job	5.5				
Cement Left In Pipe	Amount	42 ft	Reason	Shoe Joint							
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID				
The Information Stated Herein Is Correct				Customer Representative Signature							

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