

# ORIGINAL

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

RECEIVED  
JUL 12 11 44  
7-12-02  
KCC WICHITA

Operator: License # 30604  
Name: Raydon Exploration, Inc.  
Address: 9400 N. Broadway, Ste. 400  
City/State/Zip: Oklahoma City, OK 73114  
Purchaser: waiting on pipeline  
Operator Contact Person: Keith Hill  
Phone: (620) 624-0156  
Contractor: Name: Big A Drilling  
License: 31572  
Wellsite Geologist: Ed Grieves

**CONFIDENTIAL**

**KCC**

JUL 11 2002

**CONFIDENTIAL**

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 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. \_\_\_\_\_

05-01-02	05-12-02	06-26-02
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 119-210880000  
County: Meade  
NW NW SE Sec. 16 Twp. 32 S. R. 29  East  West  
2310 feet from (S) / N (circle one) Line of Section  
2310 feet from (E) / W (circle one) Line of Section

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

Lease Name: Batman Well #: 2-16

Field Name: Wildcat

Producing Formation: Chester

Elevation: Ground: 2708' Kelly Bushing: 2720'

Total Depth: 6080' Plug Back Total Depth: 6014'

Amount of Surface Pipe Set and Cemented at 1676 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 See WRB-19-08  
(Data must be collected from the Reserve Pit)

Chloride content 7000 ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method 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: [Signature]

Title: Agent for Raydon Date: 07-11-02

Subscribed and sworn to before me this 11th day of July

2002

Notary Public: [Signature]

Date Commission Expires: \_\_\_\_\_

NOTARY PUBLIC, State of Kansas  
Seward County  
HELEN M. SMITH  
My Appt. Exp. 3-3-2005

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

✓

X

Operator Name: Raydon Exploration, Inc. Lease Name: Batman Well #: 2-16  
 Sec. 16 Twp. 32 S. R. 29  East  West County: Meade

**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:  Spectral Density Dual Spaced Neutron II Log High Resolution Induction Log Microlog	<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:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Chase</td> <td>2735</td> <td></td> </tr> <tr> <td>Council Grove</td> <td>3062</td> <td></td> </tr> <tr> <td>Base Heebner</td> <td>4444</td> <td></td> </tr> <tr> <td>Toronto</td> <td>4460</td> <td></td> </tr> <tr> <td>Chester</td> <td>5664</td> <td></td> </tr> </table>	Name	Top	Datum	Chase	2735		Council Grove	3062		Base Heebner	4444		Toronto	4460		Chester	5664	
Name	Top	Datum																	
Chase	2735																		
Council Grove	3062																		
Base Heebner	4444																		
Toronto	4460																		
Chester	5664																		

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#	1676'	Midcon C	365	3%cc, 1/8# flocc
					Premium Plu	150	2%cc, 1/8# poly
Production	7-7/8"	4-1/2"	10.5#	6079'	Premium	125	10%cc, 10% salt 5# gilsonite

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
4	5997-6001' 5983-5987' CIBP at 5950'	Acidize with 1000 gal 15% FE acid	
3	5688-5700'	Acidize with 1500 gal 15% FE acid	
	" "	Frac with 5000 gal Alpha Technique	
		Foamed Acid	

TUBING RECORD	Size 2-3/8"	Set At 5763'	Packer At N/A	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. waiting on pipeline		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 Gravily

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Sumit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled

Production Interval  Other (Specify) \_\_\_\_\_

JOB SUMMARY

SALES ORDER NUMBER 1866358

TICKET DATE 05/18/02

REGION NORTH AMERICA LAND

MVA / COUNTRY Central / USA

BDA / STATE MC/Ks

COUNTY MEADE

NBU ID / EMPL # MCLI0101 232712

H.E.B. EMPLOYEE NAME LYNDON WHITE

DEPARTMENT CEMENT

LOCATION LIBERAL

COMPANY RAYDON EXPLORATION

CUSTOMER REP / PHONE KEITH HILL

ORIGINAL

TICKET AMOUNT \$7,434.33

WELL TYPE OIL

APIUMI # 0

WELL LOCATION PLAINS, KS

DEPARTMENT CEMENT

SAP BOMB NUMBER 7521

LEASE NAME BATMAN

Well No. 2-16

SEC / TWP / RNS 16 - 32S - 29W

HES FACILITY (CLOSEST TO WELL SITE)

Table with columns: HES EMP NAME / EMP # (EXPOSURE HOURS), HRS. Rows include White, L 232712 (18.0), Harper, K 241985 (7.0), Evans, J 212723 (18.0), Ross, J 106119 (9.0), Oliphant, C 243055 (8.0).

Table with columns: HES UNIT #S (R / T MILES), R / T MILES. Rows include 420995 (70), 10251401 (70), 54029//6610 (130), 54218//6611 (130).

Form with fields: Form. Name, Type, Form. Thickness, From, To, Packer Type, Set At, Bottom Hole Temp., Pressure, Retainer Depth, Total Depth.

Table with columns: Date, Called Out, On Location, Job Started, Job Completed, Time. Rows include 05/18/2002, 05/18/2002, 05/19/2002, 05/19/2002, 2130, 0000, 0830, 1930.

Table with columns: Type and Size, Qty, Make. Rows include Float Collar INSERT (1, HOWCO), Float Shoe, Centralizers (4), Top Plug (1), HEAD (1), Limit clamp (1), Weld-A (1), Guide Shoe (1), BTM PLUG.

Table with columns: Well Data. Rows include Casing NEW 24# 8 5/8, Liner, Tubing 0, Drill Pipe, Open Hole 12 1/4 KB 1,667 Shots/Ft., Perforations.

Table with columns: Materials. Rows include Mud Type, Density, Lb/Gal, Disp. Fluid, Density, Lb/Gal, Prop. Type, Size, Lb, Acid Type, Gal, %, Surfactant, Gal, In, NE Agent, Gal, In, Fluid Loss, Gal/Lb, In, Gelling Agent, Gal/Lb, In, Fric. Red., Gal/Lb, In, Breaker, Gal/Lb, In, Blocking Agent, Gal/Lb, Perpac Balls, Qty.

Table with columns: Hours On Location, Operating Hours, Description of Job. Rows include Date 5/19, Hours 20.0, Date 5/19, Hours 3.0, Cement Surface Casing, Total 20.0, Total 3.0.

Table with columns: Stage, Sacks, Cement, Bulk/Sks, Additives, W/Rq., Yield, Lbs/Gal. Rows include 1 365 MIDCON C 3% CC - 1/4# POLY FLAKE (PUMP TIME-4 HOURS) 20.36 3.25 11.10, 2 150 PREM PLUS C 2% CC - 1/8# POLY FLAKE (PUMP TIME-2 HOURS) 6.32 1.34 14.80, 3 100 PREM PLUS C 2% CC - 1/8# POLY FLAKE (PUMP TIME-2 HOURS) 6.32 1.34 14.80, 4 100 PREM PLUS C 2% CC - 1/8# POLY FLAKE (PUMP TIME-2 HOURS) 6.32 1.34 14.80.

Table with columns: Summary. Rows include Circulating Breakdown, Displacement MAXIMUM, Preflush: BBI 5.00, Type: FRESH WATER, Load & Bkdn: Gal - BBI, Excess /Return BBI, Calc. TOC, Treatment: Gal - BBI, Cement Slurry BBI 247.0, Total Volume BBI 355.0, Shut In: Instant 5 Min., 15 Min.

Frac Ring #1, Frac Ring #2, Frac Ring #3, Frac Ring #4. THE INFORMATION STATED HEREIN IS CORRECT CUSTOMER REPRESENTATIVE SIGNATURE

# HALLIBURTON JOB SUMMARY

REGION <b>NORTH AMERICA LAND</b>		NWA / COUNTRY <b>Central / USA</b>		SALES ORDER NUMBER <b>1885547</b>	TICKET DATE <b>05/31/02</b>
MCLUID / EMPL # <b>MCL10101 106322</b>		HES EMPLOYEE NAME <b>Danny McLane</b>		BDA / STATE <b>MC/Ks</b>	COUNTY <b>MEADE</b>
LOCATION <b>LIBERAL</b>		COMPANY <b>RAYDON EXPLORATION</b>		PSL DEPARTMENT <b>Cement</b>	<b>ORIGINAL</b>
TICKET AMOUNT <b>\$6,555.02</b>		WELL TYPE <b>Oil</b>		CUSTOMER REP / PHONE <b>KEITH HILL</b>	
WELL LOCATION <b>Plains Ks</b>		DEPARTMENT <b>Cement</b>		SAP BOMB NUMBER <b>7523</b>	
LEASE NAME <b>BATMAN</b>		Well No. <b>2-16</b>	SEC / TWP / RNG <b>16 - 32S - 29W</b>	HES FACILITY (CLOSEST TO WELL SITE) <b>Liberal Ks</b>	

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HES L MILE	HRS	HRS	HRS
Mclane, D 106322	8.0				
White, L 232712	8.0				
Hansen, M 250358	8.0				
Ferguson, R 106154	8.0				

  

HES. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
420995	80			
10251401	80			
10240236 10240245	40			

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Fom. Thickness \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At \_\_\_\_\_  
 Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth \_\_\_\_\_

Date	Called Out	On Location	Job Started	Job Completed
	05/31/2002	05/31/2002	05/31/2002	05/31/2002
Time	0100	0230	0845	0930

Type and Size	Qty	Make
Insert 4 1/2	1	H
Float Shoe		
Centralizers 4 1/2	10	O
Top Plug 4 1/2	1	
HEAD 4 1/2	1	W
Limit clamp 4 1/2	1	
Weld-A	1	C
Guide Shoe 4 1/2	1	
BTM PLUG		O

	New/Used		Well Data		From	To	Max. Allow
	New	Used	Weight	Size Grade			
Casing			10.5#	4 1/2	6075	KB	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole				7 7/8			Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	Density	Lb/Gal	
Disp. Fluid	Density	Lb/Gal	
Prop. Type	Size	Lb	
Prop. Type	Size	Lb	
Acid Type	Gal.	%	
Acid Type	Gal.	%	
Surfactant	Gal.	In	
NE Agent	Gal.	In	
Fluid Loss	Gal/Lb	In	
Gelling Agent	Gal/Lb	In	
Fric. Red.	Gal/Lb	In	
Breaker	Gal/Lb	In	
Blocking Agent	Gal/Lb		
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
5/31	9.0	5/31	1.0	Cement Production Casing
Total	9.0	Total	1.0	

Ordered	Hydraulic Horsepower Avail.	Used
Treating	Average Rates in BPM Disp.	Overall
Feet 42.78	Cement Left in Pipe Reason Shoe Joint	

Cement Data				Additives			W/Rq.	Yield	Lbs/Gal
Stage	Sacks	Cement	Bulk/Sks						
1	125	PREMIUM H		10% SALT - 10% CALSEAL - 5# GILSONITE - .6% HALAD-322 - .25% D-AIR 3			6.25	1.48	15.00
2	25	PREMIUM H		10% SALT - 10% CALSEAL - 5# GILSONITE - .6% HALAD-322 - .25% D-AIR 3			6.25	1.48	15.00
3									
4									

Summary					
Circulating Breakdown	Displacement	Preflush: BBI	5-12-5	Type:	H2O-MF-H20
Lost Returns-)	MAXIMUM	Load & Bkdn: Gal - BBI		Pad:Bbl -Gal	
Cmt Rtm#Bbl	Lost Returns-)	Excess /Return BBI		Calc.Disp Bbl	95.9
Average	Actual TOC	Calc. TOC:		Actual Disp.	95
Shut In: Instant	Frac. Gradient	Treatment: Gal - BBI		Disp:Bbl	
	5 Min.	Cement Slurry BBI	33-5.6		
	15 Min.	Total Volume BBI	#VALUE!		

Frac Ring #1 \_\_\_\_\_ Frac Ring #2 \_\_\_\_\_ Frac Ring #3 \_\_\_\_\_ Frac Ring #4 \_\_\_\_\_

THE INFORMATION STATED HEREIN IS CORRECT  
 CUSTOMER REPRESENTATIVE \_\_\_\_\_

SIGNATURE \_\_\_\_\_