

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**

RECEIVED  
NOV 19 2002

CC WICHITA  
**ORIGINAL**

Operator: License # 30604

Name: Raydon Exploration, Inc.

Address: 9400 N. Broadway, Ste. 400

City/State/Zip: Oklahoma City, OK 73114

Purchaser: \_\_\_\_\_

Operator Contact Person: Keith Hill

Phone: (620) 624-0156

Contractor: Name: Big A Drilling

License: 31572

Wellsite Geologist: Ed Grieves

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: \_\_\_\_\_

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. \_\_\_\_\_

<u>10-11-02</u>	<u>10-26-02</u>	<u>10-27-02</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 175-218830000

County: Seward

SW Sec. 24 Twp. 34 S. R. 31  East  West

660 feet from S / N (circle one) Line of Section

660 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Keating Well #: R1-24

Field Name: Kneeland

Producing Formation: \_\_\_\_\_

Elevation: Ground: 2452' Kelly Bushing: 2464'

Total Depth: 6325' Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 1652 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 *Folder 12.5.03*  
(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 Ex. Date: 11-15-02

Subscribed and sworn to before me this 15th day of November

~~xxx~~ 2002

Notary Public: [Signature]

Date Commission Expires: 9

NOTARY PUBLIC, State of Kansas  
Seward County  
HELEN M. SMITH  
My Appt. Exp. 11-5-2005

KCC Office Use ONLY

- Letter of Confidentiality Attached
- If Denied, Yes  Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution

Release  
NOV 15 2002  
From  
Confidential

Operator Name: Raydon Exploration, Inc. Lease Name: Keating Well #: R1-24  
 Sec. 24 Twp. 34 S. R. 31  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  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:

Spectral Density Dual Spaced Neutron II Log  
 High Resolution Induction Log  
 Microlog

Log Formation (Top), Depth and Datum  Sample

Name Top Datum

Chase 2415

Council Grove 2767

Base Heebner 4143

Cherokee 5168

St. Louis 5937

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#	1652'	Midcon C	465	3%cc, 1/2# floce
					Premium Plu	150	2%cc, 1/4# polyf

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(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	Bbbs.	Gas	Mcf	Water	Bbbs.	Gas-Oil Ratio Gravity

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

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

Production Interval \_\_\_\_\_

# HALLIBURTON JOB SUMMARY

SALES ORDER NUMBER	TICKET DATE 10/27/02
BDA / STATE MC/Ks	COUNTY SEWARD
PSL DEPARTMENT ZI	CUSTOMER REP / PHONE KEITH HILL 620-629-0394
APLUMI #	SAP BOMB NUMBER 7528
HES FACILITY (CLOSEST TO WELL SITE) LIBERAL	

REGION Central Operations	NWA / COUNTRY Mid Continent/USA
NBU ID / EMPL # MCLI 0110 / 198516	H.E.S. EMPLOYEE NAME JASON CLEMENS
LOCATION LIBERAL	COMPANY RAYDON EXPLORATION KCC
TICKET AMOUNT \$6,029.66	WELL TYPE OIL
WELL LOCATION LIBERAL	DEPARTMENT ZI
LEASE NAME KEATING "R"	Well No. 1-24
	SEC / TWP / RNG 24 - 34S - 31W

# ORIGINAL

**NOV 15 2002****CONFIDENTIAL**

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Clemens, A 198516	8.0			
Frederick, S 106114	8.0			
Schawo, N 222552	8.0			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
421269	30			
10251403	30			
54225/10011591	15			

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

Date	Called Out	On Location	Job Started	Job Completed
	10/27/2002	10/27/2002	10/27/2002	10/27/2002
Time	0030	430	613	930

**Tools and Accessories**

Type and Size	Qty	Make
Float Collar		HES
Float Shoe		
Centralizers		
Top Plug		
HEAD		
Limit clamp		
Weld-A		
Guide Shoe		
BTM PLUG		

**Well Data**

New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing				KB		
Liner						
Liner						
Tubing	U		4 1/2 DP		3,300	
Drill Pipe						
Open Hole			7 7/8			Shots/Ft.
Perforations						
Perforations						
Perforations						

**Materials**

Material	Units	Value
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		
Other		

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
10/27	5.5	10/27	3.0	Plug to Abandon
Total	5.5	Total	3.0	

Ordered	Hydraulic Horsepower Avail.	Used
Treating	Average Rates in BPM	Overall
	Disp.	
Feet	Cement Left in Pipe	Reason
		SHOE JOINT

**Cement Data**

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	100	40/60 POZ H	BULK	6% GEL	1ST PLUG @ 3300 FT	7.59	1.53
2	50	40/60 POZ H		6% GEL	2ND PLUG @ 1680 FT	7.59	1.53
3	40	40/60 POZ H		6% GEL	3RD PLUG @ 530 FT	7.59	1.53
4	10	40/60 POZ H		6% GEL	4TH PLUG @ 40 FT	7.59	1.53

**Summary**

Circulating	Displacement	Preflush:	BBI	Type:
Breakdown	MAXIMUM	Load & Bkdn:	Gal - BBI	Pad:Bbl - Gal
Lost Returns	Lost Returns	Excess /Return	BBI	Calc. Disp Bbl
Cmt Rtrn#Bbl	Actual TOC	Calc. TOC:		Actual Disp.
Average	Frac. Gradient	Treatment:	Gal - BBI	Disp:Bbl
Shut In: Instant	5 Min.	Cement Slurry	BBI	
	15 Min.	Total Volume	BBI	

Frac Ring #1      Frac Ring #2      Frac Ring #3      Frac Ring #4

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

SIGNATURE \_\_\_\_\_

API. 15-175-21883-00-00

# HALLIBURTON JOB SUMMARY

SALES ORDER NUMBER <b>2083152</b>	TICKET DATE <b>10/13/02</b>
BDA / STATE <b>MC/Ks</b>	COUNTY <b>SEWARD</b>
PSL DEPARTMENT <b>CEMENT</b>	
CUSTOMER REP / PHONE <b>KEITH HILL 820-629-0394</b>	
API/UMI #	
SAP BOMB NUMBER <b>7521</b>	Cement Based Casing <input type="checkbox"/>
HES FACILITY (CLOSEST TO WELL SITE) <b>LIBERAL, KS</b>	

REGION <b>Central Operations</b>	NWA / COUNTRY <b>Mid Continent/USA</b>
MBU ID / EMPL # <b>MCL10104 212723</b>	H.E.S. EMPLOYEE NAME <b>JERRAKO EVANS KCC</b>
LOCATION <b>LIBERAL, KS</b>	COMPANY <b>RAYDON EXPLORATION NOV 15 2002</b>
TICKET AMOUNT <b>\$8,594.36</b>	WELL TYPE <b>OIL</b>
WELL LOCATION <b>LIBERAL, KS</b>	DEPARTMENT <b>CEMENT</b>
LEASE NAME <b>KEATING "R"</b>	Well No. <b>1-24</b> SEC / TWP / RNG <b>24 - 34S - 31W</b>

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**ORIGINAL**

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HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Evans, J 212723	2.0			
Amett, J 226567	2.0			
Archuleta, M 226383	2.0			
Kelly, C 259395	2.0			

  

HES UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10010930	30			
54219-78299	30			
54029-6610	15			
10243558-6611	15			

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

Date	Called Out	On Location	Job Started	Job Completed
	10/12/02	10/13/02	10/13/02	10/13/02
Time	1930	0030	0800	1000

**Tools and Accessories**

Type and Size	Qty	Make
Float Collar INSERT	1	HOWCO
Float Shoe BASKET	1	
Centralizers	4	
Top Plug	1	
HEAD	1	
Limit clamp	1	
Weld-A	1	
Guide Shoe	1	
BTM PLUG		

**Well Data**

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	24#	8 5/8		KB	1,652	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			12 1/4		KB	1,654	Shots/Ft.
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		
Other		

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
10/13	9.5	10/13	2.0	Cement Surface Casing
				CIRC C MT TO PIT
Total	9.5	Total	2.0	

Ordered	Hydraulic Horsepower Avail.	Used
Treating	Average Rates in BPM Disp.	Overall
Feet 43	Cement Left in Pipe Reason	SHOE JOINT

**Cement Data**

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	465	MIDCON PP C		3% CC - 1/2# FLOCELE	20.36	3.25	11.10
2	150	PREM PLUS C		2% CC - 1/4# FLOCELE	6.30	1.34	14.80
3							
4							

**Summary**

Circulating Breakdown	Displacement	Preflush: BBI	Type:
Lost Returns -)	MAXIMUM	Load & Bkdn: Gal - BBI	Pad: Bbl - Gal
Cmt Rtm #Bbl	Actual TOC	Excess / Return BBI	Calc. Disp Bbl
Average	Frac. Gradient	Calc. TOC:	Actual Disp. 102
Shut In: Instant	5 Min. 15 Min.	Treatment: Gal - BBI	Disp: Bbl
		Cement Slurry BBI	305.0
		Total Volume BBI	407.00

Frac Ring #1 | Frac Ring #2 | Frac Ring #3 | Frac Ring #4

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

SIGNATURE \_\_\_\_\_  
 Date: 10/15/2005  
 From \_\_\_\_\_  
 Confidential