

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 30604

Name: Raydon Exploration, Inc.

Address 9400 N. Broadway, Ste 400

City/State/Zip Oklahoma City, OK 73114

Purchaser: Duke

Operator Contact Person: Keith Hill

Phone (620) 624-0156

Contractor: Name: Big A Drilling

License: 31572

Wellsite Geologist: \_\_\_\_\_

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/Reentry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to  SWD  
 Plug Back  PBTD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

01-21-2001 02-07-2001 03-28-01  
Spud Date Date Reached TD Completion Date

API NO. 15- 119-210420000

County Meade

NE NW SW Sec. 23 Twp. 34 Rge. 30 X W

2385 Feet from (S)N (circle one) Line of Section

990 Feet from E(W) (circle one) Line of Section

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

Lease Name Cimarron Well # 1-23

Field Name Wildcat

Producing Formation Morrow

Elevation: Ground 2662 KB 2673

Total Depth 6430 PBTD 6358

Amount of Surface Pipe Set and Cemented at 1658 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 1 BH 7-11-02  
(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: \_\_\_\_\_

**RELEASED**

Operator Name \_\_\_\_\_

Lease Name JUL 10 2002 License No. \_\_\_\_\_

Quarter Sec. Twp. S Rng. E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

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RECEIVED  
KANSAS CORPORATION COMMISSION  
MAY 9 2002

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 on 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 Agent Date 05-08-2001

Subscribed and sworn to before me this 8<sup>th</sup> day of May, 20 01.

Notary Public \_\_\_\_\_

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

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

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
  
Distribution  
\_\_\_\_ KCC \_\_\_\_\_ SWD/Rep \_\_\_\_\_ NGPA  
\_\_\_\_ KGS \_\_\_\_\_ Plug \_\_\_\_\_ Other  
(Specify)

ORIGINAL

SIDE TWO

Operator Name Raydon Exploration, Inc. Lease Name Cimarron Well # 1-23

Sec. 23 Twp. 34 Rge. 30  East  West County Madison

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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

Name	Top	Datum
Chase	2664	
Council Grove	3073	
Base Heebner	4469	
Toronto	4492	
Lansing	4608	
Marmaton	5314	
Cherokee	5520	
Morrow	5861	
Chester	5990	
St. Genevieve	6359	

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#	1658'	Midcon	600	2%cc, 1/4# Flocele
					Premium Plus	150	2%cc, 1/4# Flocele
Production	7-7/8"	4-1/2"	10.5#	6372'	Class "H"	180	10% cc, 5# gils. 10% salt, 6% Halad 322, .25% D-AIR300

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
	5918-5920' and 5925-5931'	2000 gal 7.5% FE acid	
		7000 gal 25% N2 Delta Frac	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	5881'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
04-03-01				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio
	5.50	300	0	54,545 cf
				Gravity 38.8

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_ Production Interval \_\_\_\_\_

TICKET #	1097385	TICKET DATE	1-22-01
BDA / STATE	Ks	COUNTY	MEADE
PSL DEPARTMENT	ZONAL ISOLATION		
CUSTOMER REP / PHONE			
API / UWI #			
JOB PURPOSE CODE	010 ORIGINAL		
HES FACILITY (CLOSEST TO WELL SITE)	LIBERAL KS		

REGION	North America	NWA / COUNTRY	Mid CONTINENT
MBU ID / EMP #	MCL T0104 105848	EMPLOYEE NAME	JOHN Woodrow
LOCATION	LIBERAL KS	COMPANY	RAYDON EXPLORATION INC
TICKET AMOUNT	\$ 20906.28	WELL TYPE	01
WELL LOCATION	MEAD	DEPARTMENT	CEMENT
LEASE / WELL #	CIMARRON # 1-23	SEC / TWP / RING	23-34S-30W

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
J. Woodrow 105848	8	R. Ferguson 106154	8				
J. Wood 213686	8	P. Martinez 213707	8				

  

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420621 014	50	54029-6610	50				
54219-78209	50	52947-6611	50				

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

DATE TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
	1-21-01 1715	1-21-01 2000	1-22-01 0208	1-22-01 0345

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY	MAKE
Float Collar INSERT 63/8	1	H
Float Shoe		
Guide Shoes REG 57/8	1	O
Centralizers S-41 57/8	4	
Bottom Plug		W
Top Plug S-W 57/8	1	
Head pig 57/8	1	C
Packer		
Other BASKET 37/8	1	O

**WELL DATA**

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	24'	8 3/4"	K-11	1658	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						SHOTS/FT.
Open Hole						
Perforations						
Perforations						
Perforations						

**MATERIALS**

Treat Fluid	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	
Perpac Balls	Qty	
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
		<b>RELEASED</b>		(SEE JOB LOG)
		JUL 10 2002		
<b>TOTAL</b>		<b>TOTAL</b>		

ORDERED	HYDRAULIC HORSEPOWER	Used
TREATED	Average Rates in BPM	Overall
FEET 42	Cement Left in Pipe Reason	5/108 Joint

**CEMENT DATA**

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	1600	pi midcon	B	28 cc 1/2" floccle	3.22	11.1
	450	pi	B	28 cc 1/4" floccle	1.34	14.8

Circulating _____	Displacement _____	Preflush: Gal-BBI _____	Type _____
Breakdown _____	Maximum _____	Load & Bkdn: Gal-BBI _____	Pad: BBI-Gal _____
Average _____	Frac Gradient _____	Treatment Gal-BBI _____	Disp: BBI-Gal 102.7
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr Gal-BBI 344 LC 357-C	Total Volume Gal-BBI _____

Frac Ring #1 _____	Frac Ring #2 _____	Frac Ring #3 _____	Frac Ring #4 _____
<b>THE INFORMATION STATED HEREIN IS CORRECT</b>		CUSTOMER'S REPRESENTATIVE SIGNATURE	

*Signature*

REGION North America	NWA / COUNTRY MIDCON	TICKET # 1134541	TICKET DATE FEB 10 2001
MBU ID / EMP # MCL 0102 188624	EMPLOYER NAME JOE JACKSON	BDA / STATE KS	COUNTY MEADE
LOCATION LIBERAL	COMPANY RAYDON EXP. INC	PSL DEPARTMENT CEMENTING	CUSTOMER REP / PHONE K. HILL 629-0394
TICKET AMOUNT 10,793.93	WELL TYPE OIL	API / UWI #	JOB PURPOSE CODE 035
WELL LOCATION LIBERAL	DEPARTMENT 10003	HES FACILITY (CLOSEST TO WELL SITE) LIBERAL	
LEASE / WELL Cameron 1-23	SEC / TWP / RNG 23-345-30W		

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
J. Jackson 188624	14						
J. Clemens 198516	14						
K. Blangietz 106944	14						

  

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
P/u 422207	50						
54219-18202	50						
52944-11031	50						

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

DATE TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
	FEB 9 1800	FEB 9 1930	FEB 10 1045	FEB 10 1315

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		
Guide Shoes	REG 1	HES
Centralizers	FIL 10	HES
Bottom Plug		
Top Plug		
Head		
Packer	Limit Clamp 1	HES
Other	INSERT 1	HES

**MATERIALS**

Treat Fluid	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		

**WELL DATA**

NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	10.5	4 1/2	φ	
Liner					
Liner					
Tbg/D.P.					
Tbg/D.P.					SHOTS/FT.
Open Hole					
Perforations					
Perforations					
Perforations					

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
FEB 9	2	FEB 10	1	RELEASED
FEB 10	1			
TOTAL	3	TOTAL	1	JUL 10 2001

ORDERED	HYDRAULIC HORSEPOWER	Used
TREATED	AVERAGE RATES IN BPM	Overall
FEET	45.13	CEMENT LEFT IN PIPE
		Reason

**CEMENT DATA**

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
1	195	PREM.	3	10% COLSEAL, 5% GILSONITE, 10% SALT, .6% HOUAD-322, .25% D-AIR-3000	1.48	15

Circulating	Displacement	Preflush:	Gal-BBI	Type	ME-1
Breakdown	Maximum	Load & Bkdn:	Gal-BBI	Pad:	BBI-Gal
Average	Frac Gradient	Treatment	Gal-BBI	Disp:	BBI-Gal 12.3
Shut In: Instant	5 Min	Cement Slurr	Gal-BBI	Total Volume	Gal-BBI 174.7
	15 Min				

Frac Ring #1	Frac Ring #2	Frac Ring #3	Frac Ring #4
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THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE  
 Herb Brown