

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

KCC WICHITA ORIGINAL

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: Ed Grieves

Release

NOV 04 2003

From

CONFIDENTIAL

AUG 21 2002

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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. _____

07-08-02	07-23-02	08-12-02
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 119-210900000
County: Meade
N/2 NWNW Sec. 26 Twp. 34 S. R. 30 East West
660 feet from S / (N) (circle one) Line of Section
330 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: Cimarron Well #: 1-26
Field Name: Adams Ranch
Producing Formation: Morrow
Elevation: Ground: 2655' Kelly Bushing: 2667'
Total Depth: 6350' Plug Back Total Depth: 6293'
Amount of Surface Pipe Set and Cemented at 1656' 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 AG 1 21 8-13-02
(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: _____
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 Date: 08-21-02
Subscribed and sworn to before me this 21st day of August,
~~2002~~ 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

Operator Name: Raydon Exploration, Inc. Lease Name: Cimarron Well #: 1-26
 Sec. 26 Twp. 34 S. R. 30 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 (Attach Additional Sheets) 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 (Submit Copy) 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 Name Top Datum Chase 2678 Council Grove 3066 Base Heebner 4482 Toronto 4508 Chester 5977
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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#	1656'	Midcon PPC	365	3%cc, 1/2# flocc
					Premium Plu	150	2%cc, 1/4# flocc
Production	7-7/8"	5-1/2"	15.5#	6345'	Premium H	125	10%cc, 10% salt

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				5# gilsonite, .6% Halad 322, .25# D-AIR

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
3	5931-5934'	5909-5921'	2000 gal 7-1/2% FE acid	
	"	"	Frac with 32,000 gals 25# Delta Frac 140	

TUBING RECORD		Size <u>2-3/8"</u>	Set At <u>5880'</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>08-21-02</u>			Producing Method <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. <u>3</u>	Gas Mcf <u>1100</u>	Water Bbls. <u>0</u>	Gas-Oil Ratio <u>367 MCF</u>	Gravity <u>.6777</u>

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

REGION Central Operations	NWA / COUNTRY Mid Contitnent/USA	SALES ORDER NUMBER 1962346	TICKET DATE 07/25/02
WELL ID / EMPL # MCLI0101 106322	H.E.S. EMPLOYEE NAME Danny McLane	BDA / STATE Ks	COUNTY MEADE
LOCATION LIBERAL	COMPANY RAYDON EXPLORATION	PSL DEPARTMENT Cement	ORIGINAL
TICKET AMOUNT \$7,181.59	WELL TYPE OIL	CUSTOMER REP / PHONE KEITH HILL 620-629-0394	
WELL LOCATION Meade Ks	DEPARTMENT Cement	SAP BOMB NUMBER 7523	Cement Production Casing
LEASE NAME CIMARRON	Well No. 1-26	SEC / TWP / R/MG 26 - 34S - 30W	HES FACILITY (CLOSEST TO WELL SITE) Liberal Ks

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
McLane, D 106322	18.0			
King, K 105942	18.0			
Ferguson, R 106164	14.0			
Martinez, A 258816	14.0			

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

Tools and Accessories

Type and Size	Qty	Make
Insert 5 1/2	1	
Float Shoe		
Centralizers 5 1/2	12	
Top Plug 5 1/2	1	
HEAD 5 1/2	1	
Limit clamp 5 1/2	1	
Weld-A 5 1/2	1	
Guide Shoe 5 1/2	1	
BTM PLUG		

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		

Date	Called Out	On Location	Job Started	Job Completed
	7/25/2002	7/25/2002	7/25/2002	7/25/2002

Time	0000	0200	1545	1645

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	15.5#	5 1/2		KB	6,360	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			7 7/8				Shots/Ft.
Perforations							
Perforations							
Perforations							

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
7/25	16.0	7/25	1.0	Cement Production Casing
Total	16.0	Total	1.0	

Ordered	Hydraulic Horsepower Avail.	Used
Treating	Average Rates in BPM	Overall
	Disp.	
Feet 43.20	Cement Left in Pipe	
	Reason	SHOE JOINT

Cement Data

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

Summary

Circulating Breakdown	Displacement	Preflush: BBI	6-12-5	Type: H2O,MF,H2O
Lost Returns	MAXIMUM	Load & Bkdn: Gal - BBI		Pad:Bbl -Gal
Cmt Rtrn#Bbl	Actual TOC	Excess /Return BBI		Calc.Disp Bbl 150
Average	Frac. Gradient	Calc. TOC:		Actual Disp. 150
Shut In: Instant	5 Min. 15 Min.	Treatment Gal - BBI		Disp:Bbl
		Cement Slurry BBI	33, R&M 6.5	
		Total Volume BBI	#VALUE!	

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

SIGNATURE _____