CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 30604
Name: Raydon Exploration, Inc.
Address: 9400 N. Broadway, Ste. 400
City/State/Zip: Oklahoma City, OK 73114
Purchaser:
Operator Contact Person: David E. Rice
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.

1-6-06	1-19-06	2-28-06
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 175-220190000
County: Seward
E/2 SW - Sec. 2 Twp. 33 S. R. 33 ☐ East ☑ West
1320 feet from (S) / N (circle one) Line of Section
1920 feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Browne Well #: 1-2
Field Name: Wildcat
Producing Formation: Chase
Elevation: Ground: 2703' Kelly Bushing: 2714'
Total Depth: 6270' Plug Back Total Depth: 2826'
Amount of Surface Pipe Set and Cemented at 1650' 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 Wtm 6-26-07
(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.:

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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 for Raydon Date: 4-28-06

Subscribed and sworn to before me this 28th day of April, ~~19~~ XX2006.
Notary Public: Becki Andrews
Date Commission Expires:

NOTARY PUBLIC - STATE OF KANSAS
BECKI ANDREWS
My Commission Expires 4-22-2009

KCC Office Use ONLY
Y Letter of Confidentiality Attached
If Denied, Yes ☐ Date:
___ Wireline Log Received
___ Geologist Report Received
___ UIC Distribution

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Side Two

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Operator Name: Raydon Exploration, Inc. Lease Name: Browne Well #: 1-2

Sec. 2 Twp. 33 S. R. 33 ☐ 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 (*Attach Additional Sheets*) ☐ Yes ☑ No

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run (*Submit Copy*) ☑ Yes ☐ No

List All E. Logs Run:

High Resolution Induction Log
Spectral Density Dual Spaced Neutron Log
Microlog
Cement Bond Log

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Base Heebner	4133	
Lansing	4276	
Cherokee	5115	
Chester	5636	
St. Louis	6069'	

CASING RECORD ☑ New ☐ 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#	1650	Midcon PP	405	3%cc, 1/2#/sk
					Premium Plu	150	2% cc, 1/4#/sk
Production	7-7/8"	5-1/2"	15.5#	2883	50/50 Poz	150	2% gel, 10#/sk

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ____ Perforate ____ Protect Casing ____ Plug Back TD ____ Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

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	2550'-2560', 2509'-2519'	Acidized with 1000 gal 17% FE acid	

TUBING RECORD Size 2-3/8" Set At 2645' Packer At

Liner Run ☐ Yes ☑ No

Date of First, Resumed Production, SWD or Enhr. Waiting on pipeline and electricity

Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (*Explain*)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	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

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HALLIBURTON JOB SUMMARY

REGION: Central Operations	NWA / COUNTRY: Mid Contitnent/USA	SALES ORDER NUMBER: 4148181	TICKET DATE: 01/07/05
MBU ID / EMPL #: MCLIO103 106009	H.E.S. EMPLOYEE NAME: BRIAN MCINTYRE	BDA / STATE: MC/Ks	COUNTY: SEWARD
LOCATION: LIBERAL	COMPANY: RAYDON EXPLORATION	PSL DEPARTMENT: Cement	
TICKET AMOUNT: $21,722.53	WELL TYPE: 02 Gas	CUSTOMER REP / PHONE: RICHARD TURNER 629-3596	
WELL LOCATION: N.LIBERAL,KS	DEPARTMENT: CEMENT	API/UWI #:	
LEASE NAME: BROWNE	Well No.: 1-2	SAP BOMB NUMBER: 7521	Cement Surface Casing
	SEC / TWP / RNG:	HES FACILITY (CLOSEST TO WELL SITE): Liberal Ks.	

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS		HRS		HRS		HRS
Mcintyre, B 106099	8.0	Loving,M 345579	8.0				
Green,S 106381	8.0						
Livingston,D 345452	7.0						
Beruman, E 267804	7.0						

H.E.S. UNIT #S / (R / T MILES)	R / T MILES		R / T MILES		R / T MILES		R / T MILES
10011407-10010921	60						
10010749-10011590	30						
10244148-10011272	30						
10547695	60						

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

	Called Out	On Location	Job Started	Job Completed
Date	1/7/2005	1/7/2005	1/7/2005	1/7/2005
Time	1100	1400	1937	2100

Tools and Accessories

Type and Size		Qty	Make
Float Collar	INSERT	1	HOWCO
Float Shoe	WITH FILL	1	HOWCO
Centralizers	8 5/8-12 1/4	4	HOWCO
Top Plug	HWE	1	HOWCO
HEAD	PC	1	HOWCO
Limit clamp	8 5/8	1	HOWCO
Weld-A	HOWCO	1	HOWCO
Guide Shoe	REGULAR	1	HOWCO
BTM PLUG			

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	24#	8 5/8		KB	1,650	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			12 1/4		GL	1,655	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

Mud Type		Density	10#GAL	Lb/Gal
Disp. Fluid	H2O	Density	8.33	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

Date	Hours
1/7	
Total	

Operating Hours

Date	Hours
Total	

Description of Job

Cement Surface Casing

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Hydraulic Horsepower: Ordered _____ Avail. _____ Used _____

Average Rates in BPM: Treating _____ Disp. _____ Overall _____

Cement Left in Pipe: Feet 44 Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	405	MIDCON PP C		3% CC - 1/2# FLOCELE	17.92	2.92	11.40
2	150	PREM PLUS C		2% CC - 1/4# FLOCELE	6.30	1.34	14.80
3							
4							

Summary

Circulating		Displacement		Preflush:	BBl		Type:
Breakdown		MAXIMUM		Load & Bkdn:	Gal - BBl		Pad:Bbl -Gal
Lost Returns-Y		Lost Returns-N		Excess /Return	BBl		Calc.Disp Bbl 102
Cmt Rtrn#Bbl		Actual TOC		Calc. TOC:			Actual Disp. 102
Average		Frac. Gradient		Treatment:	Gal - BBl		Disp:Bbl 102.00
Shut In: Instant		5 Min.	15 Min.	Cement Slurry:	BBl	247.0	
				Total Volume	BBl	349.00	

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

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER REPRESENTATIVE _____ SIGNATURE

BURTON JOB SUMMARY

Operations	NWA / COUNTRY: Mid Contitnent/USA	SALES ORDER NUMBER: 4172995	TICKET DATE: 01/19/06
#: 0103 106304	H.E.S EMPLOYEE NAME: DAN WILLE #225409	BDA / STATE: MC/Ks	COUNTY: SEWARD
ON: BERAL	COMPANY: RAYDON EXPLORATION	PSL DEPARTMENT: Cement	CUSTOMER REP / PHONE: RICHARD TURNER
ICKET AMOUNT: $25,871.61	WELL TYPE: 01 Oil	API/UWI #:	
WELL LOCATION: LAND N. OF LIBERAL, KS.	DEPARTMENT: CEMENT	SAP BOMB NUMBER: 7523	Cement Production Casing
LEASE NAME: BROWNE / Well No.: 1-2	SEC / TWP / RNG:	HES FACILITY (CLOSEST TO WELL SITE): Liberal Ks.	

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HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS		HRS		HRS		HRS
Willie D. 225409	9.0	Davis, T 106304	8.0				
Clemens, A 198516	6.0						
Arnett, J 226567	3.0						
Ferguson, R 106154	9.0						

H.E.S. UNIT #S / (R / T MILES)	R / T MILES		R / T MILES		R / T MILES		R / T MILES
10251401	60						
10240236-10240245	30						

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

	Called Out	On Location	Job Started	Job Completed
Date	1/19/2006	1/19/2006	1/20/2006	1/20/2006
Time	1700	1630	0013	0100

Tools and Accessories

Type and Size		Qty	Make
Float Collar	LD BAFFLE	1	HALCO
Float Shoe	PACKER/FILL	1	HALCO
Centralizers	FM	15	HALCO
Top Plug	LD	1	HALCO
HEAD	DO132	1	HALCO
Limit clamp			
Weld-A		1	HALCO
Guide Shoe			
BTM PLUG			

Well Data

	New/Used	Weight	Size Grade	From	To	Max. Allow
Casing	NEW	15.5#	5 1/2	0	2,886	
Liner						
Liner						
Tubing				KB		
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 _____
Other _____

Hours On Location

Date	Hours
1/19	
Total	

Operating Hours

Date	Hours
Total	

Description of Job

Cement Production Casing

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Ordered _____ Hydraulic Horsepower Avail. _____ Used _____
Treating _____ Average Rates in BPM Disp. _____ Overall _____
Feet 45 Cement Left in Pipe Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	150	50/50 POZ G		2% TOTAL GEL - 10# GILSONITE - 6/10% HALAD-322	15.90	2.77	11.00
2	200	PREMIUM G		10% CALSEAL - 10% SALT - 5# GILSONITE - .6% HALAD-322 -	6.23	1.48	15.00
3	25	50/50 POZ G		2% TOTAL GEL - 10# GILSONITE - 6/10% HALAD-322	7.08	1.59	13.00
4							

Summary

Circulating _____ Displacement _____ Preflush: BBl 18.00 Type: _____
Breakdown _____ MAXIMUM _____ Load & Bkdn: Gal - BBl _____ Pad:Bbl -Gal _____
Lost Returns-\ _____ Lost Returns-N _____ Excess /Return BBl _____ Calc.Disp Bbl _____
Cmt Rtrn#Bbl _____ Actual TOC _____ Calc. TOC: _____ Actual Disp. 68
Average _____ Frac. Gradient _____ Treatment: Gal - BBl _____ Disp:Bbl _____
Shut In: Instant _____ 5 Min. _____ 15 Min _____ Cement Slurry BBl 126.7
Total Volume BBl 212.33

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

THE INFORMATION STATED HEREIN IS CORRECT
CUSTOMER REPRESENTATIVE _____ Richard Turner
SIGNATURE