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MAR 28 2002

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

September 1999

WELL COMPLETION FORM

Form Must Be Typed

KCC WICHITA WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 30604
 Name: Raydon Exploration, Inc.
 Address: 9400 N. Broadway, Ste. 400
 City/State/Zip: Oklahoma City, OK 73114
 Purchaser: N/A
 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. _____
09-26-01 10-10-01 03-21-02
 Spud Date or Date Reached TD Completion Date or Recompletion Date

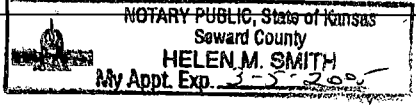
API No. 15 - 119-21065-0000
 County: Meade
 - - NW - SE Sec 13 Twp. 33 S. R. 29W
1980 feet from (S) N (circle one) Line of Section
1980 feet from (E) W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE (SE) NW SW
 Lease Name: Calhoun Well #: 1-13
 Field Name: Wildcat
 Producing Formation: Morrow
 Elevation: Ground: 2461 Kelly Bushing: 2472
 Total Depth: 6240 Plug Back Total Depth: 6184
 Amount of Surface Pipe Set and Cemented at 1613 feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____
 If Alternate II completion, cement circulated from _____
 feet depth to (VII) sx cmt.

Drilling Fluid Management Plan Att 1 En 6-19-02
 (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 6702, 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 3-25-02
 Subscribed and sworn o before me this 25th day of March
20 02
 Notary Public: [Signature]
 Date Commission Expires: _____



KCC Office Use Only

NO Letter of Confidentiality Attached
 If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

_____ UIC Distribution

106

X

CIBP 2013

Operator Name: Raydon Exploration, Inc. Lease Name: Calhoun Well #: 1-13

Sec. 13 Twp. 33 S. R. 29W 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 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 DFL Log
- Microlog

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Chase	2581	
Council Grove	2902	
Base Heebner	4329	
Toronto	4346	
Lansing	4501	
Marmaton	5120	
Cherokee	5302	
Morrow	5616	
Chester	5747	

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
Conductor	30"	20"		54'			6 sacks grout
Surface	12-1/4"	8-5/8"	24#	1613'	C H	600 150	2% cc, 1/4# Flocele 2% cc
Production	7-7/8"	4-1/2"	10.5#	6240'	Prem Plus	210	10% cc, 10% salt, 5# gils .6% Halad 322, .25% D-AIR

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	2010-3155	65/35 Lite	225	6% gel, 1/4# Flocele
<input checked="" type="checkbox"/> Plug Back TD		Class C	150	ASC cement
<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
3	5666-5676'	1000 gal 7-1/2% FE acid	
	CIBP at 5600' with 2 sacks cement		
4	3009-3013'		

TUBING RECORD	Size 2-3/8"	Set At 2964'	Packer At None	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. _____ Producing Method Flowing Pumping Gas Lift Other (Explain) Dry

Estimated Production Per 24 Hours	Oil BBLs	Gas Mcf	Water Bbls	Gas-Oil Ratio	Gravity
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Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
 (If vented, Submit ACO-18) Other (Specify) _____

METHOD OF COMPLETION _____

Production Interval _____

ALLIED CEMENTING CO., INC.

Federal Tax I.D.# 48-0727860

08686

ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Medicine Lodge

DATE <u>9-27-01</u>	SEC. <u>13</u>	TWP. <u>33s</u>	RANGE <u>29w</u>	CALLED OUT <u>5:00 AM</u>	ON LOCATION <u>9:00 AM</u>	JOB START <u>5:15 PM</u>	JOB FINISH <u>12:00 AM</u>
LEASE <u>Calhoun</u>		WELL# <u>1-13</u>	LOCATION <u>Meade Co. 8 1/2 mi. Hi way 23rd</u>		COUNTY <u>Meade</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)			<u>4 w, 1/2 w, on black top, w/s</u>				

CONTRACTOR Big A Drilling OWNER Rayden Exploration

TYPE OF JOB surface ✓ CEMENT AMOUNT ORDERED _____

HOLE SIZE 12 1/4 T.D. 1614' 600 sx Class C AHD + 2% cc + 1/2" flt-seal

CASING SIZE 8 1/2 x 24" DEPTH 1614' 500 sx Class H + 3% cc

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX 700 MINIMUM MAR 28 2002 COMMON _____ @ _____

MEAS. LINE _____ SHOE JOINT K&W WICHITA POZMIX _____ @ _____

CEMENT LEFT IN CSG. _____ GEL _____ @ _____

PERFS. _____ CHLORIDE _____ @ _____

DISPLACEMENT 102 Bbls Freshwater _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER Carl Walding HANDLING _____ @ _____

#258-265 HELPER Shane Winsor MILEAGE _____ @ _____

BULK TRUCK DRIVER Chris _____ @ _____

BULK TRUCK DRIVER Dwayne West TOTAL _____

REMARKS:

Run casing + break circulation pump 600 sx class C AHD + 2% cc + 1/2" flt-seal + 100 sx class H + 3% cc. Release plug + Displace with 102 Bbls Freshwater, chrome plug + float held. Cement did circulate, 100 Bbls then circulated 50 Bbls mud. Run 100' at truck + top off with 175 sx H + 3% cc

SERVICE

DEPTH OF JOB 1614'

PUMP TRUCK CHARGE _____ @ _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

PLUG Rubber _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

CHARGE TO: Rayden Exploration

STREET _____ CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

1 APU Insert _____ @ _____

1 Step Ring _____ @ _____

1 Basket _____ @ _____

4 Centralizer _____ @ _____

_____ @ _____

TOTAL _____

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE _____

TAX _____

TOTAL CHARGE Don Brown

DISCOUNT _____ IF PAID IN 30 DAYS

NET 16,434.37

PRINTED NAME

JOB SUMMARY

SALES ORDER NUMBER
1573808

TICKET DATE
10/11/01

REGION
NORTH AMERICA LAND

NWA / COUNTRY
USA

BDA / STATE
KS

COUNTY
MEADE KS

MBU ID / EMLP #
MCLI0110 106328

H.E.S. EMPLOYEE NAME
NICK KORBE

PSL DEPARTMENT
Cementing Services

ORIGINAL

LOCATION
LIBERAL KS

COMPANY
RAYDON EXPLORATION INC

CUSTOMER REP / PHONE
KEITH HILL

TICKET AMOUNT
\$13,262.77

WELL TYPE
OIL

API/UMI #

WELL LOCATION
MEADE KS

DEPARTMENT
CEMENTING

SAP BOMB NUMBER
7523

Description
Cement Production Casing

LEASE NAME
CALHOUN

Well No.
1-13

SEC / TWP / RNG
SEC 13-33S-29W

HES FACILITY (CLOSEST TO WELL SITE)
LIBERAL KS

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Korbe, N 106328	10.0			
WHITE L 232712	10.0			
KING K 105842	10.0			
Archuleta, M 226383	10.0			

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KCC WICHITA

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES
421270	70		
54218//78202	70		
52382//6612	140		

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
	10/11/2001	10/11/2001	10/11/2001	10/11/2001
Time	1000	1300	2100	2200

Tools and Accessories

Type and Size	Qty	Make
Float Collar INSERT 4.5	1	HALCO
Float Shoe		
Centralizers FM	15	HALCO
Top Plug 5W	1	HALCO
HEAD		
Limit clamp	1	HALCO
Weld-A	1	HALCO
Guide Shoe REGULAR	1	HALCO
BTM PLUG		

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	10.5	4 1/2		0	6,241	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							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	
Perpac Balls	Qty.	
Other		
Other		
Other		
Other		

Hours On Location

Date	Hours
10/11	10.0
Total	10.0

Operating Hours

Date	Hours
10/11	1.0
Total	1.0

Description of Job
CEMENT LONGSTRING

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	235	PREMIUM H	BULK	10% CALSEAL-10%SALT-5#GILSONITE-.6%HALAD-322-.25%D-AIR-3000	6.28	1.48	15.00

Summary

Circulating Breakdown	Displacement	Preflush: BBI	Type:
	MAXIMUM	Load & Bkdn: Gal - BBI	Pad:Bbl -Gal
Average Shut In: Instant	Frac. Gradient	Treatment: Gal - BBI	Disp:Bbl
	5 Min. 15 Min	Cement Slurry BBI	55.0
		Total Volume BBI	154.00

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____

 SIGNATURE

ALLIED CEMENTING CO., INC. 09048

Federal Tax I.D.# 48-0727860

ORIGINAL

REMIT TO: P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Medicine Lake, Ks

DATE <u>3-13-02</u>	SEC <u>15</u>	TWP. <u>33S</u>	RANGE <u>20W</u>	CALLED OUT <u>6:00 A.M.</u>	ON LOCATION <u>10:30 A.M.</u>	JOB START <u>11:45 A.M.</u>	JOB FINISH <u>12:30 P.M.</u>
LEASE <u>Albion</u>	WELL # <u>#1-13</u>	LOCATION <u>Mede KS, Sen 23 #</u>		COUNTY <u>Mede</u>	STATE <u>KS</u>		
<input checked="" type="radio"/> OLD OR NEW (Circle one)		To Mede lake 1/4 mi W into					

CONTRACTOR _____ OWNER Raydon Exploration

TYPE OF JOB Prod. CSG

HOLE SIZE 7 7/8" T.D. 3160

CASING SIZE 2 1/2" DEPTH 3160

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX 200 MINIMUM _____

MEAS. LINE _____ SHOE JOINT 60 FT

CEMENT LEFT IN CSG. 60 FT

PERFS. _____

DISPLACEMENT Fresh H₂O

CEMENT

AMOUNT ORDERED 2255x 65:35:6 + 1/4"

Flo-seal 1505x ASC

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

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KCC WICHITA

EQUIPMENT

PUMP TRUCK CEMENTER David W.

302 HELPER Dwayne W.

BULK TRUCK

342 DRIVER F.C. H.

BULK TRUCK

344 DRIVER Ed R.

TOTAL _____

REMARKS:

SERVICE

Circ w/ mud Pump 5 BBLs
Water pump 2255x 65:35:6 + 1/4"
Flo-seal pump 1505x ASC shutt
Down wash pump + lines Dispk
w/ Fresh H₂O 4 9/16 BBLs
Shutt in wash up R.g Down

DEPTH OF JOB 3160

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

PLUG RUBB-F _____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

CHARGE TO: Raydon Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE [Signature]

[Signature]
PRINTED NAME _____