

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 3880
Name: KC RESOURCES, INC/CRYSTAL RIVER OIL & GAS
Address: P.O. BOX 1118
City/State/Zip: CARDIFF, CA 92007
Purchaser: _____
Operator Contact Person: Reiner Klawiter
Phone: (760) 753-3330
Contractor: Name: L. D. DRILLING, INC.
License: 6039

Wellsite Geologist: Joe M. Baker
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. _____
8-22-01 8-30-01 9-7-01
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 095-21,796-00-00
County: KINGMAN
SE SE NE Sec. 33 Twp. 28 S. R. 7 East West
2310 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: ROBINSON Well #: 14-5
Field Name: ALAMEDA
Producing Formation: Viola
Elevation: Ground: 1618 Kelly Bushing: 1623
Total Depth: 4480 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 317 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.
ALTI DPW 1-17-03

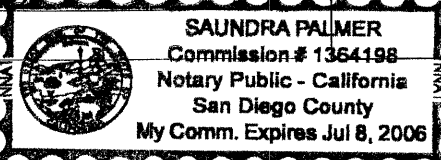
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 4,800 ppm Fluid volume _____ bbls
Dewatering method used evaporation & haul off
220bbl waste water only
Location of fluid disposal if hauled offsite:
Operator Name: KC Resources, Inc.
Lease Name: Alameda Unit License No.: 3880
Quarter 22, 26, 27, 28 Sec. 28 Twp. 28 S. R. 10 East West
County: Kingman Docket No.: E-13079

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: _____
Title: President Date: 1-16-03
Subscribed and sworn to before me this 16th day of January, 2003
Notary Public: _____
Date Commission Expires: 7-8-06

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



Operator Name: KC RESOURCES, INC/CRYSTAL RIVER Lease Name: ROBINSON Well #: 14-5
 Sec. 33 Twp. 28 S. R. 7 East West County: KINGMAN

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)

Name	Top	Datum
BL/Lansing	3305	1682
Swope	3307	2077
Hertha	3745	2114
Miss. Chert.	4026	2403
Viola	4388	2765

List All E. Logs Run:
 Dual induction compensated
 neutron density

CASING RECORD <input 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	20#	317	60/40 POZ	185	2% G 3%CC
PRODUCTION	7 7/8	5 1/2	14.5-15.5	4458	USC 1	160	5% EA 10% Salt
						15 Rathole	

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
4 spf	Viola 4388-93	750 gal 15% MCA	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 7/8ths	4369	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		Producing Method			
9/20/01		<input type="checkbox"/> Flowing <input checked="" 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
	0.5	5	600		

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

SERVICE TICKET

UNITED CEMENTING & ACID CO., INC.

BOX 712

EL DORADO, KANSAS 67042

PHONE AC 316-321-4884

DATE 8-20-01 COUNTY Kingman
 CHG. TO: Crystal River ADDRESS _____
 CITY _____ STATE _____
 LEASE & WELL NO. Robinson 14-5 SEC. _____ TWP. _____ RNG. _____
 CONTRACTOR L. D. Davis TIME ON LOCATION _____

ORIGINAL

KIND OF JOB Surf
 SERVICE CHARGE: 280' Nal 450.00

QUANTITY	MATERIAL USED TYPE		
185 gal	60/40 pg	@ 4.70	869.50
4 gal	Gal	@ 9.50	38.00
5 gal	Calcium Chloride	@ 26.00	130.00
194 gal	BULK CHARGE	@ .89	172.66
40	BULK TRK. MILES 9.75 mi x .66 (fract)		257.40
55	PUMP TRK. MILES	@ 2.00	110.00
1	PLUGS 8 5/8 Wooden Rubber Sept		41.00
	SALES TAX		89.00
	TOTAL		2157.56

T. D. 280' CSG. SET AT 280' VOLUME _____
 SIZE HOLE 12 1/4 TBG SET AT _____ VOLUME _____
 MAX. PRESS. _____ SIZE PIPE _____
 PLUG DEPTH _____ PKER DEPTH _____
 PLUG USED i _____ TIME FINISHED _____

REMARKS: 185 gal = 100% Excess Circulate to Surf.

60/40 pg 286 gal + 38 CC - 1.24 cu ft / gal - 14.8 # / gal - 5.6 Gal / ft

RECEIVED

EQUIPMENT USED SEBAG CORPORATION COMMISSION

NAME _____ UNIT NO. _____ NAME _____ UNIT NO. _____
Neal Rupp _____ JAN 17 2003 _____
 CEMENTER OR TREATER _____ CONSERVATION DIVISION WICHITA, KS OWNER'S REP. _____

Joe M. Baker

Certified Petroleum Geologist #397
P.O. Box 931
Andover, Kansas 67002
Ph: (316) 733-5826/316-253-9696
Fax: 316-262-0480 E- Mail JBAKER931@AOL

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 17 2003

CONSERVATION DIVISION
WICHITA, KS

September 5th, 2001

ORIGINAL

To: **CRYSTAL RIVER Oil & Gas**
169 Saxony Road #212
Encinitas, CA. 92024

Re: **Robinson #14-5**
Section 33-28S-8w
Kingman County, Kansas

The Robinson #14-5 was spud on August 22nd 2001 and pipe was set on the 30th of August to further test the Viola Dolomite, Mississippian Chert and Lansing Swope and Hertha Limestone porosity zones through perforation and treatment.

Structural and Zone Thickness Comparison

	CRYSTAL RIVER O&G Robinson #14-1 SE SE NE 33-28S-7W	SUNRAY OIL CO. #1 Dana Robinson C NE SE 33-28S-7W	TEXACO #2 W.A.Robinson C SE NE 33-28S-7W
BL/Lansing	-1682	-1682	-1683
Swope Zone	-2077 (7')	-2077 (8')	-2079 (8')
Hertha Zone	-2114 (5')	-2113 (6')	-2113 (4')
Miss. Chert	-2403 (24')	-2398 (55')	-2399 (32')
Viola	-2765	-2778	-2758

DESCRIPTION OF SHOWS

Lansing Swope (3702-08)

Limestone cream to tan, fine intercrystalline, fossiliferous, and oolitic porosity. Very slight shows of free oil & gas, no odor / no fluorescence, dark stain in a few pieces. Samples were circulated and were a fair representation of the zone.

Lansing Hertha Zone (3746-50)

Limestone cream with good fossil. / oolitic porosity. Very slight shows of free oil and gas and stain and a slight odor. The samples had a dull fluorescence in 5% of the total sample volume. Samples were circulated and were a fair representation of the zone.

Mississippian Chert (4026-4048)

Chert, white- cream with abundant dark heavy black residual stain. Fair show of gas and a slight show of free oil. Fine intercrystalline with fair to good visible weathered and pinpoint porosity. Some good vugular porosity in a few pieces. Samples were circulated and had good volume of chert.

Viola Dolomite

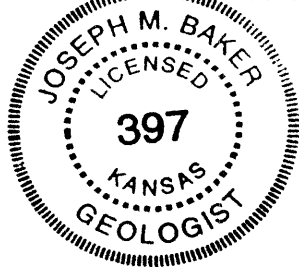
Dolomite, gray medium to coarse crystalline, good vugular porosity, and large rhombic crystals. Fair shows of free oil, light odor and dark stain in a few pieces. The circulation samples had very little Viola Dolomite and were mostly Kinderhook Shale. I felt that the mud properties were poor and the samples were not a good representation of the zone.

SUMMARY

The Robinson #14-5 was structurally flat to the control wells on the upper pay zones in the Lansing and the thickness of the zones, were similar. The Mississippian structure was similar but the total thickness of Chert was thin like the Texaco well to the northwest. However it does appear that the preserved section of the Mississippian in the Robinson #14-5 is equivalent to the upper Mississippian in the Sunray well, which is a fair Mississippian gas well. Consequently this zone should be perforated and treated.

The Viola structure was regional, low to the Texaco well to the northwest and high to the Sunray well to the south. The best sample shows correlate to the porosity section on the open-hole log from 4390-4393.

There were no other significant shows encountered.



Respectfully Submitted;

A handwritten signature in black ink, appearing to read "Joe M. Baker".

Joe M. Baker- Geologist

United Cementing & Acid Company, Inc.

100 North Broadway, Suite 3300
Oklahoma City, Oklahoma 73102

(405)-606-8500

Plant Location

2510 West 6th Street
El Dorado, Kansas 67042
(316) 321-4680

Customer:

Crystal River Oil & Gas, LLC
PO Box 1118
Cardiff, CA 73020

Invoice No.
Field Ticket
Date

3880
2240
8/31/2001

PO#

ORIGINAL

Date of Job	County	State	Lease	Well No.
08/30/01	KM	KS	Robinson	#14-5
Size of Casing	Depth Of Well	Depth Of Job	Plug Depth	Pressure
5-1/2"	4480'	4453'	4453'	1050 psi
Description			Unit Price	Total
LONG STRING			UOM	
175 sax.	USC Cement	sax	8.04	1,407.00
875 lbs.	Kol-Seal	lb	0.35	306.25
50 lbs.	C-Sperse	lb	2.55	127.50
1 ea.	5-1/2" Guide Shoe + Rotating Head			190.00
1 ea.	5-1/2" AFU Insert Vavle			105.00
2 ea.	5-1/2" Basket	ea	115.00	230.00
5 ea.	5-1/2" Centralizers	ea	29.00	145.00
1 ea.	5-1/2" Top Rubber Plug			51.00
215 sax.	Bulk Charge	sax	0.89	191.35
	Drayage (10.75 tons x .66 x 40 mi.)			283.80
40 mi.	Pump Truck Mileage Charge	mi	2.00	80.00
	Cement Unit			1,014.24
Thank you for your continued business				

Please Remit To:

100 North Broadway, Suite 3300
Oklahoma City, Oklahoma 73102

Subtotal	\$4,131.14
Sales Tax	\$ 243.74
Total	\$4,374.88

Terms: Net 30 days From Invoice Date. Please Pay From This Invoice

ORIGINAL INVOICE

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 17 2003

CONSERVATION DIVISION
WICHITA, KS

SERVICE TICKET

2240

UNITED CEMENTING & ACID CO., INC.

BOX 712

EL DORADO, KANSAS 67042

PHONE AC 316-321-4680

DATE 8-30-01 COUNTY Kingman Co. Ks.
 CHG. TO: Crystal Power Oil & Gas ADDRESS P.O. Box 1118
 CITY CARDIFF STATE CA ZIP 92007
 LEASE & WELL NO. Robinson 14-5 SEC. 33 TWP. R RNG. TW
 CONTRACTOR L.A. DAVIS Drilling TIME ON LOCATION 2:35 P.M.
 KIND OF JOB Long Stoping U.W.
 SERVICE CHARGE: Pump Charge

QUANTITY	MATERIAL USED	TYPE
175	skt USC - Thixotropic	
875	lbs Kol-Seal	
50	lbs C-Sperse	
1	5 1/2 GUYOE SHOE	
1	APU Mont Insert	
2	5 1/2 Baskets	
	BULK CHARGE	
86	BULK TRK. MILES	
86	PUMP TRK. MILES	
5	5 1/2 CenterPeters	
	PLUGS	
	SALES TAX	
	TOTAL	

RECEIVED
 KANSAS CORPORATION COMMISSION
 JAN 17 2003
 CONSERVATION DIVISION
 WICHITA, KS

T. D. 4480 CSG. SET AT 4453 VOLUME _____
 SIZE HOLE 7 7/8 TBG SET AT _____ VOLUME _____
 MAX. PRESS. 1050 SIZE PIPE 5 1/2
 PLUG DEPTH 4453 PKER DEPTH _____
 PLUG USED 1-5 1/2 TRP TIME FINISHED 6:19 AM

REMARKS: Booster circulation before mud - Plug Battery with 15 skt - Switched to 5 1/2 pumped 10 bbls Fresh water mixed 160 skt USC + 6# Kol-Seal - Flashed pump and PIPES - Released Plug displaced with 10 bbl Fresh water. Initial HP press. was 800# at 3 bbl pump - Pump plug to 1050 - Released and Mont held.

EQUIPMENT USED

NAME	UNIT NO.	NAME	UNIT NO.
<u>JARROD</u>		<u>Jeff Haley</u>	
<u>Robert</u>		<u>CPG</u>	
<u>Larry Strom</u>			

CEMENTER OR TREATER _____ OWNER'S REP. _____

L. D. DRILLING, INC.

DAILY DRILLING RECORD

GREAT BEND, KANSAS

ORIGINAL

FOR 24 HOURS ENDING AT MIDNIGHT

9-23 2001 RIG NO. 1

WELL OWNER K.C Resources Crystal Release Robinson

WELL NO. 14-5

SECTION 33 TOWNSHIP 28S RANGE 2W COUNTY Kingman

STATE KS

IF INJURED: SIGN AND DESCRIBE INJURY UNDER REMARKS

WE HAVE NOT BEEN INJURED THIS DAY

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER	DECKMAN	MOTORMAN	HELPER
240	319		Shale Bedrock 3 Spot welds lost Run 7345 New #20 8 5/8 Lem w/ 1855Y w/ 12 1/2" 2966L 39.00 Tally 310.25 544 317 Lem did not hit Cem 15' DOWN Plug DOWN 3:00 PM	8 Mike Redino	8 Robert Peschka	8 James Kuchta	8 Lorea Carey
1/4	1/4						
1/4	1/4						
1/4	1/2						
1	1						
3/4	3/4						

105 miles

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. 1 SIZE 12W MAKE RT. 517 SERIAL NO. 2H3686 SERIAL NO. 2H3686 BIT HRS 7	REMARKS: 11:00-12:30 w/Conn's / 12:30-12:45 DTH 12:45-1:15 Trip out - 12/4" bit & 1/2" shot / 1:15-2:15 2:15-2:30 dir 8 5/8 / 2:30-3:00 Lem 8 5/8 Cem did not hit / 3:00-7:00 wait on cement				

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER	DECKMAN	MOTORMAN	HELPER
319	560		Shale	11 DORAN MARGHEIM	8 Billy McVey	8 Richard Wilson	8 Chris Fedetzke
4	14						
3	34						

Drove 105mi

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. 2 SIZE 7 7/8 MAKE HP-52 SERIAL NO. U67062 SERIAL NO. U67062 BIT HRS 3	REMARKS: 7:00-11:00 W.O.C. 11:00-11:15 Trip to Cem 11:15-3:00 Drilling w/Conn's				

CHANGE ROD'S & HEADS Mud Pump

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER	DECKMAN	MOTORMAN	HELPER
560	1140		SHALE & fine Drift 115mi	8 BILL OWEN	8 KEVIN REDMOND	8 PATRICK DANIELS	8 ANTHONY BISHOP
1/4	1/4		GEL 40 lbs				
1/4	1/4		SOFT 20 lbs				
1/4	1/4		CARBON 20 lbs				
1/4	1/4		CEMENT 20 lbs				
5 1/2	5 1/2		2 IN FREQ				

DRILLING SITE	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. 8 1/2 SIZE 8 1/2 MAKE 11000 SERIAL NO. U67062 SERIAL NO. U67062 BIT HRS 8 1/2	REMARKS: 7:00-7:15 Trip out - 7:15-7:30 Drilling 7:30-7:45 ROTHRY CHINA 6 1/2 - 7:30 DRAB 7:45 - 7:55				