

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 33192
 Name: Crown Energy Company
 Address: P.O. Box 249
 City/State/Zip: El Dorado, Ks 67042
 Purchaser: STG
 Operator Contact Person: Dallas Flowers
 Phone: (316) 321-0550
 Contractor: Name: Gulick Drilling Co., Inc.
 License: 32854
 Wellsite Geologist: Dean Seeber

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. _____

<u>3/06/03</u>	<u>3/12/03</u>	<u>4/01/03</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

**RECEIVED
JUN 12 2003
KCC WICHITA**

API No. 15 - 015-23638 0000
 County: Butler
 90'S 40W W2 W2W Sec. 27 Twp. 25 S. R. 5 East West
1400 feet from S (circle one) Line of Section
330 feet from E (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Mills Well #: 3X
 Field Name: El Dorado
 Producing Formation: Arbuckle
 Elevation: Ground: 1344 Kelly Bushing: 1352
 Total Depth: 2465 Plug Back Total Depth: 2453
 Amount of Surface Pipe Set and Cemented at 225 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
 (Data must be collected from the Reserve Pit) *ACT I WITHIN 6-20-07*
 Chloride content _____ ppm Fluid volume _____ bbls
 Dewatering method used _____
 Location of fluid disposal if hauled offsite: _____
 Operator Name: N/A
 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: Dallas Flowers
 Title: Agent Date: 6-05-03
 Subscribed and sworn to before me this 5 day of June,
19-2003
 Notary Public: R. Kendall Mosiman
 Date Commission Expires: 2/21/06

KCC Office Use ONLY

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

RHONDA L. MOSIMAN
 NOTARY PUBLIC
 STATE OF KANSAS
 MY APPT. EXPIRES 2/21/06

✓

X

ORIGINAL

Operator Name: Crown Energy Company Lease Name: Mills Well #: 3X
 Sec. 27 Twp. 25 S. R. 5 East West County: Butler

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)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
Copy Attached

List All E. Logs Run:

Copy Attached

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	# Sacjs Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	20 #	225	Class A	135	2% CC
Production	7-7/8"	5-1/2"	15.5#	2464	Class A	200	3% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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
2	2450-2452	250 gal 15% mud acid	2450,2452
		500 gal 15% NE acid	2450,2452

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
4/03/03					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	7	0	60		38

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, Submit ACO-18.) Other (Specify) _____

000-115 38
ORIGINAL

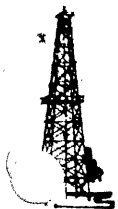
Elevation

1352 KB

Formation

Tops Datum

Admire Sand (550)	520	(+832)
Admire Sand (660)	631	(+721)
Wakarusa	940	(+612)
Base Burlingame	821	(+531)
White Cloud Sand	856	(+496)
Oread	1357	(- 5)
Heebner	1396	(- 44)
Douglas Shale	1420	(- 68)
Douglas Sandstone	1485	(-133)
Lansing	1660	(-308)
Kansas City	1955	(-603)
Base Kansas City	2115	(-763)
Marmaton	2186	(-834)
Cherokee	2336	(-984)
Ardmore	2384	(-1032)
Cattleman	2394	(-1042)
Arbuckle Detrital	2410	(-1058)
Arbuckle	2426	(-1074)
RTD	2465	(-1113)



United Cementing and Acid Co., Inc.

Oil Well Cementing & Acidizing
 (316) 321-4680 • 800-794-0187 • FAX (316) 321-4720
 2510 West 6th Street • El Dorado, KS 67042

SERVICE TICKET

✓ 4589

DATE 3-12-03

COUNTY BUTLER

CHARGE TO CROWN ENERGY CO.
 ADDRESS _____ CITY _____ ST _____ ZIP _____
 LEASE & WELL NO. MILLS 3X SEC. 27 TWP. 255 RNG. 52
 CONTRACTOR Gulick DNR TIME ON LOCATION 8:00 P
 KIND OF JOB PRODUCTION CASING OLD NEW

Quantity	MATERIAL USED	2464	Serv. Charge
200 5x	CLASSA	@ 5.50	1100.00
4 5x	GEL	@ 9.50	38.00
600 lbs	KOL-SEAL	@ 350 lb	210.00
2 5x	CALCIUM CHLORIDE	@ 26.10	52.20
1	REGULAR GUIDE SHOES	5 1/2"	99.00
1	AFU INSERT	5 1/2"	148.00
212 5x	BULK CHARGE		199.28
MIN	BULK TRK. MILES		94.50
	PUMP TRK. MILES		NC
3	5 1/2 CENTER LIZERS	@ 32.00	96.00
1	PLUGS	5 1/2 Top Rubber	51.00
	SALES TAX		135.32
	TOTAL		3093.12

T.D. 2465 CSG. SET AT 2464 VOLUME _____
 SIZE HOLE 7 7/8 TBG SET AT _____ VOLUME _____
 MAX. PRESS. 1400 SIZE PIPE 5 1/2 - New - 15.5 #
 PLUG DEPTH 2449 KB PKER DEPTH _____
 PLUG USED Top Rubber TIME FINISHED 12:00 A

REMARKS: SEE CEMENT LOG

RECEIVED
 KANSAS CORPORATION COMMISSION
 APR 20 2007

EQUIPMENT USED
 CONSERVATION DIVISION
 WICHITA, KS

NAME Chat Johnson UNIT NO. P14
Neal Rupp
 CEMENTER OR TREATER

NAME MITCH KUPP UNIT NO. _____
GREG SWANK UNIT NO. B7
 OWNER'S REP.

Ticket #
4591
Purchase Order

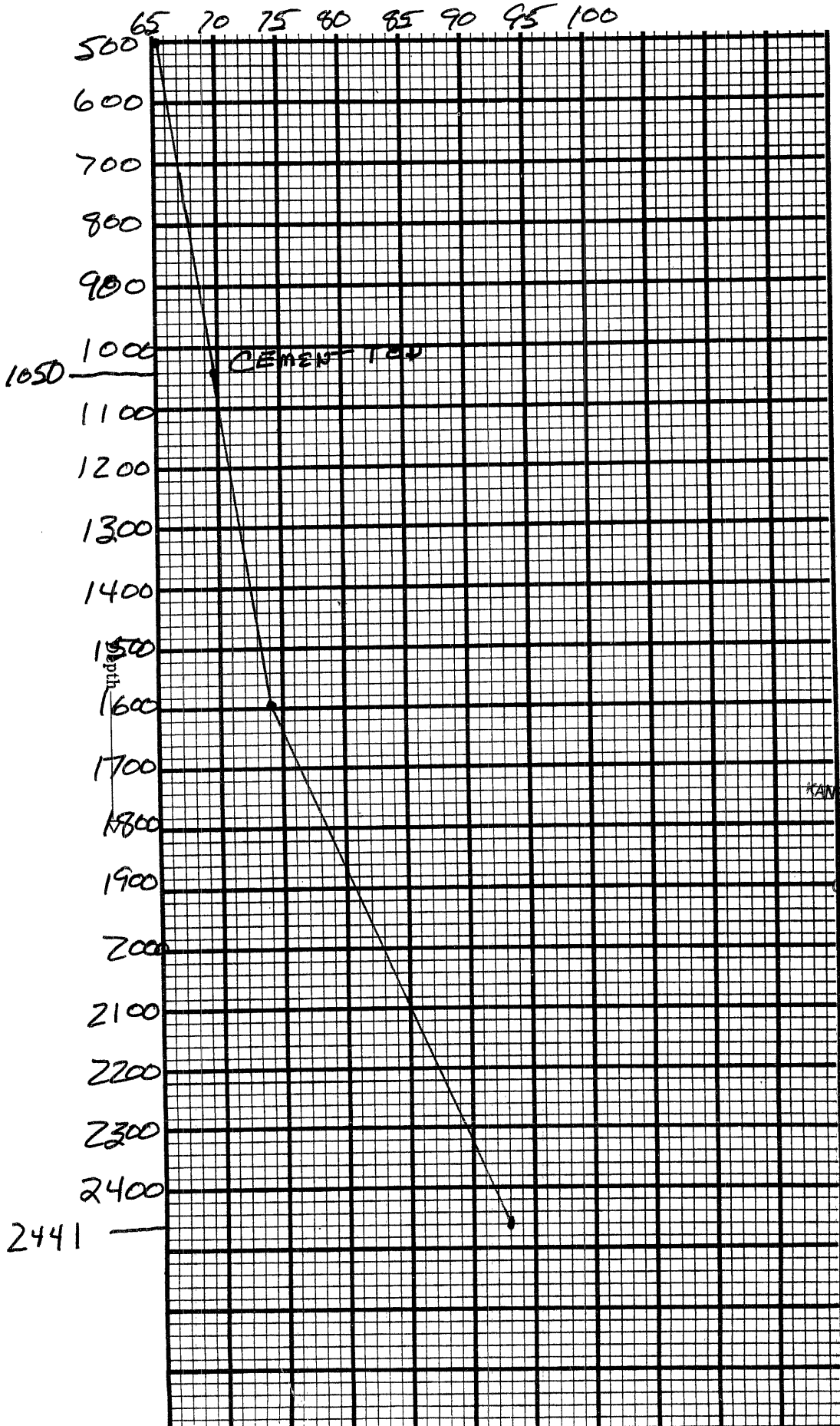
EL DORADO, KANSAS
(316) 321-4680
P.O. BOX 712

UNITED CEMENTING & ACID CO., INC.

Temperature Survey

Company CROWN ENERGY CO. Date 3-12-03
Lease MILLS Well # 32 Sec 27 Twp 25 Range 5E
Field _____ County BUTLER State KANSAS
Zero Point GROUND LEVEL Surveyed By NEAL RUPP
Hours after 2000 Sacks Cement

Temperature in Degrees Fahrenheit →



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WICHITA, KS

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