

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 32786
Name: Guardian Energy Consultants, Inc.
Address: 403 S. Cheyenne #403
City/State/Zip: Tulsa, Oklahoma 74103
Purchaser: _____
Operator Contact Person: David W. Kvach
Phone: (918) 599-9327
Contractor: Name: Duke Drilling Co., Inc.
License: 5929

API No. 15 - 033-21364-00-00
County: Comanche County, Kansas
SE, NW, SW Sec. 5 Twp. 34 S. R. 17 East West
1520 feet from S / N (circle one) Line of Section
1220 feet from E / W (circle one) Line of Section.

Wellsite Geologist: Brad Rine
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Arena Well #: 1
Field Name: Beals
Producing Formation: _____

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. _____

Elevation: Ground: 1845' Kelly Bushing: 1856'
Total Depth: 5960' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 347 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.

08-12-03 08-23-03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

Drilling Fluid Management Plan ALT I WHM
(Data must be collected from the Reserve Pit) 4-25-07
Chloride content _____ 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: David W. Kvach
Title: PRESIDENT Date: 9-19-03
Subscribed and sworn to before me this 19th day of September
2003.
Notary Public: [Signature]
Date Commission Expires: February 8, 2007

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

X

Operator Name: Guardian Energy Consultants, Inc Lease Name: Arena Well #: 1

Sec. 5 Twp. 34 S. R. 17 East West County: Comanche County, Kansas

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:
Dual Induction Log
Compensated Density/Neutron, PE
Micro Log

Log Formation (Top), Depth, and Datum. Sample

Name	Top	Datum
Wabaunsee	3272	-1416
Lansing	4408	-2552
Kansas City	4902	-3046
Mississippian	5127	-3271
Viola	5700	-3844
Simpson	5960	-4104

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
Conductor		20"		45'			
Surface	17-1/2"	10-3/4"	32#	347'	Class "H" A-Con Common	125 200 300	3% cc + 1/4 # Celoflake for all cement

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

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 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

Production Interval

Open Hole Perf. Dually Comp. Commingled _____

Other (Specify) _____

RECEIVED

OCT 06 2003

KCC WICHITA

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form Must Be Typed

COPY

Operator: License # 32786

Company Name: Guardian Energy Consultants, Inc.

Address: 403 S. Cheyenne #403

City/State/Zip: Tulsa, Oklahoma 74103

Purchaser: _____

Operator Contact Person: David W. Kvach

Phone: (918) 599-9327

Tractor Name: Duke Drilling Co., Inc.

Tractor License: 5929

Site Geologist: Brad Rine

Completion Type of Completion:

New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

Workover/Re-entry: Old Well Info as follows:

Operator: _____

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. _____

2-03 08-23-03

Date of Completion Date Date Reached TD Completion Date or Recompletion Date

RECEIVED

SEP 22 2003

KCC WICHITA

API No. 15 033-21364-00-00

County: Cowanche County, Kansas

SE, NW, SW Sec. 5 Twp. 34 S. R. 17 East West

1520 feet from S / N (circle one) Line of Section

1220 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Arena Well #: 1

Field Name: Beals

Producing Formation: _____

Elevation: Ground: 1845' Kelly Bushing: 1856'

Total Depth: 5960' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 347 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.cml.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content _____ 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 2076, 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 RECORDS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

Statements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements are complete and correct to the best of my knowledge.

Signature: David W. Kvach

Signature: PRASIDANT Date: 9-19-03

Subscribed and sworn to before me this 19th day of September

Public: [Signature]

Commission Expires: February 8, 2004

KCC Office Use ONLY

Letter of Confidentiality Attached

If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

X

RECEIVED
OCT 06 2003
KCC WICHITA

Operator Name: Guardian Energy Consultants, Inc Lease Name: Arena Well #: 1
 Sec. 5 Twp. 34 S. R. 17 East West County: Comanche County, Kansas

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval, 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.

Stem Tests Taken: Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Tests Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)
 All E. Logs Run:
 Dual Induction Log
 Compensated Density/Neutron, PE
 Micro Log

Name	Top	Datum
Wabaunsee	3272	-1416
Lansing	4408	-2552
Kansas City	4902	-3046
Mississippian	5127	-3271
Viola	5700	-3844
Simpson	5960	-4104

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
Induction		20"		45'			
Surface	17-1/2"	10-3/4"	32#	347'	Class "H" A-Con Common	125 200 300	3% cc + 1/4" Celoflake for all cement

ADDITIONAL CEMENTING / SQUEEZE RECORD

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

PERFORATION RECORD - Bridge Plugs Set/Type
 Specify Footage of Each Interval Perforated

Plugs Per Foot	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

3 RECORD

Size	Set At	Packer At	Liner Run
			<input type="checkbox"/> Yes <input type="checkbox"/> No

First, Resumed Production, \$WD or Enhr. Producing Method
 Flowing Pumping Gas Lift Other (Explain)

24 Hours Production	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

METHOD OF COMPLETION
 Sold Used on Lease (If vented, Sumit ACO-18.)
 Open Hole Part. Dually Comp. Commingled
 Other (Specify) _____

RECEIVED
 OCT 06 2003
 KCC WICHITA
COPY



SALES OFFICE:
 100 S. Main
 Suite #607
 Wichita KS 67202
 (316) 262-3899
 (316) 262-5799 FAX

SALES & SERVICE OFFICE:
 10244 NE Hiway B1
 P.O. Box 8613
 Pratt, KS 67124-8613
 (316) 672-1201
 (316) 672-5383 FAX

ACIDIZING - FRACTURING - CEMENTING

Invoice

Bill to:	462500	Invoice	Invoice Date	Order	Order Date
Arena Resources		308040	8/19/03	6779	8/13/03
Attention: Hoyt Estep		Service Description			
4920 South Lewis		Cement			
Tulsa, OK 74105		Lease		Well	
		Beals		1-5	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms
	M. Godfrey	D. Scott	New Well		Net 30

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D100	PREMIUM CEMENT	SK	125	\$12.44	\$1,555.00 (T)
D201	A-CON BLEND (COMMON)	SK	200	\$13.08	\$2,616.00 (T)
C310	CALCIUM CHLORIDE	LBS	1668	\$0.75	\$1,251.00 (T)
C194	CELLFLAKE	LB	207	\$2.00	\$414.00 (T)
F125	BASKET, 10 3/4"	EA	1	\$312.00	\$312.00 (T)
F164	WOODEN CEMENT PLUG, 10 3/4"	EA	1	\$135.00	\$135.00 (T)
D200	COMMON	SK	300	\$10.39	\$3,117.00 (T)
E107	CEMENT SERVICE CHARGE	SK	625	\$1.50	\$937.50
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	70	\$3.25	\$227.50
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	2058	\$1.30	\$2,675.40
R203	CASING CEMENT PUMPER, 1,001-1,500' 1ST 4 HRS ON LC	EA	1	\$1,229.00	\$1,229.00
R402	CEMENT PUMPER, ADDITIONAL HRS ON LOCATION	HR	12	\$210.00	\$2,520.00

Sub Total: \$16,989.40
Discount: \$5,805.00
Discount Sub Total: \$11,184.40
Tax Rate: 5.30% **Taxes:** \$327.97
 (T) Taxable Item
Total: \$11,512.37

PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.

RECEIVED
 OCT 06 2003
 KCC WICHITA



INVOICE NO.	Subject to Correction			FIELD ORDER	6779
Date 8-13-03	Lease Beals	Well # ARENA 1-5	Legal S-345-17w	Customer ID	Station Pratt KS
County Comanche	Depth	Formation TP=314.48	State KS	Shoe Joint 30 Requested	Job Type Surface New Well
Customer Representative Mike Godfrey	Treasurer D. Scott	Casing 10 3/4	Casing Depth 3.47	TEF 3.49	

CHARGE

Arena Resources

AFE Number PO Number

Materials Received by X Mike Godfrey

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D100	125 sk	Class H Cmt	✓			
D201	200 sk	A-Con Cmt Common	✓			
C310	1668 lb	Calcium Chloride	✓			
C194	207 lb	Cell Plate	✓			
E125	1 ea	Cmt Basket 10 3/4	✓			
E164	1 ea	Tapwood Plug "	✓			
D200	300 sk	Common Cmt	✓			
E107	625 sk	Cmt Serv Chg				
E100	1 ea	UNITS / way MILES 70				
E104	2058 + M	TONS / way MILES 70				
R209	1 ea	EA. 301-500 PUMP CHARGE				
R402	12 ea	Additional hrs 12 hrs				
Discounted Price = 11,184.40						

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383 **TOTAL**

Taylor Printing, Inc.

White - Accounting • Canary - Customer • Pink - Field Office



RECEIVED
 OCT 06 2003
 KCC WICHITA **COPY**

SALES OFFICE:
 100 S. Main
 Suite #607
 Wichita KS 67202
 (316) 262-3899
 (316) 262-5799 FAX

SALES & SERVICE OFFICE:
 10244 NE Hiway B1
 P.O. Box 8613
 Pratt, KS 67124-8613
 (316) 872-1201
 (316) 872-6383 FAX

ACIDIZING - FRACTURING - CEMENTING

Invoice

Bill to:		462500	Invoice	Invoice Date	Order	Order Date
Arena Resources			308127	8/31/03	6785	8/27/03
Attention: Hoyt Estep			Service Description			
4920 South Lewis			Cement			
Tulsa, OK 74105			Lease		Well	
			Beals		1-5	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms	
	M. Godfrey	D. Scott	New Well		Net 30	

ID.	Description	UOM	Quantity	Unit Price	Price
D203	60/40 POZ (COMMON)	SK	170	\$7.84	\$1,332.80 (T)
C320	CEMENT GELL	LB	588	\$0.25	\$147.00 (T)
E107	CEMENT SERVICE CHARGE	SK	170	\$1.50	\$255.00 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	75	\$3.25	\$243.75 (T)
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	551	\$1.30	\$716.30 (T)
R400	CEMENT PUMPER, PLUG & ABANDON (Workover Unit) 2 HR	EA	1	\$683.00	\$683.00 (T)

Sub Total: \$3,377.85
Discount: \$844.22
Discount Sub Total: \$2,533.63
Comanche County & State Tax Rate- 5.30% Taxes: \$134.28
 (T) Taxable Item
Total: \$2,667.91

PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.

RECEIVED

OCT 06 2003

KCC WICHITA

WELL FILE

P&A

TREATMENT REPORT



Customer ID	Date
Customer Arena Res.	8-27-03
Lease Beals	Lease # ARENA
Well # 1-5	County Comanche
State KS	Legal Description 5-345-12W

Field Order # 6785
Station Pratt KS
Type Job PTA New Well

Casing 10 3/4
Depth 320

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 10 3/4	Tubing Size 4 1/2 D.P.	Shots/Ft		Acid 120 sk. 60-40 per 2	RATE	PRESS	ISIP
Depth 320	Depth 800	From	To	Pre Pad 6% Total Gel	Max	1000	5 Min.
Volume	Volume	From	To	Pad 1.59 lbs 13.3 ppg	Min		10 Min.
Max Press 1000	Max Press	From	To	Fluc 48.1 Bbls 5L	Avg		15 Min.
Well Connection	Annulus Vol.	From	To	Flush	H-IP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To		Gas Volume		Total Load

Customer Representative: Mike Godfrey Station Manager: Dave Austry Treator: D. Scott

Service Units	106	35	57	44	95
---------------	-----	----	----	----	----

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2300					On loc. 2300 hrs. Safety mtg
0145		200	15	5	1st Plug @ 800' 50 sk
0148		200	14.1	5	H2O spacer
0151		100	5	5	mix cmtd @ 13.3 ppg 50 sk
0152		100	2.7		H2O spacer
					Balance Disp cmtd
0120		100	15	5	2nd Plug @ 380' 75 sk
0123		100	21	5	H2O spacer
0128			1	5	mix cmtd @ 13.3 ppg 75 sk
					Balance Disp cmtd
0400			5.6	3	3rd Plug @ 40' 20 sk
0415			4.2	3	mix cmtd @ 13.3 ppg 20 sk
0430			2.8	3	Plug R.H. w/ 15 sk cmtd @ 13.3 ppg
					Plug M.H. w/ 10 sk cmtd @ 13.3 ppg
					Pumped 190 sk 60-40 per 6% Gel
					Job complete
					Thank you
					Scotty

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383

RECEIVED
 OCT 06 2003
 KCC WICHITA



INVOICE NO.	Subject to Correction			FIELD ORDER	6785
Date	8-27-03	Lease	Beals	Well #	ARENA-5
Customer ID		County	Comanche	State	KS
		Depth		Formation	
		Casing	10 3/4	Casing Depth	320
				TD	3960
		Customer Representative	Mike Godfrey	Treater	D. Scott
				Legal	5-345-17w
				Station	Pratt KS
				Shoe Joint	N/A
				Job Type	PTA New Well

CHARGE

Arena Resources

AFE Number _____ PO Number _____

Materials Received by **X** *Mike Godfrey*

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D203	170 sk.	60-40 2oz Common	✓			
C320	588 Lb.	Cmt Gel	✓			
E107	170 sk.	Cmt Serv Chg				
E100	1 ea	UNITS 1 way MILES 75				
E104	551 tm	TONS 1 way MILES 75				
R400	1 ea	EA. PTA PUMP CHARGE				
Discounted Price = 2533.63						

10244 NE Hiway 61 - P.O. Box 8613 - Pratt, KS 67124-8613 - Phone (620) 672-1201 - Fax (620) 672-5383

TOTAL

Taylor Printing, Inc.

White - Accounting • Canary - Customer • Pink - Field Office