

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 # 3320
Name: Threshold Development Company
Address: 777 Taylor Street, Suite II-D
City/State/Zip: Fort Worth, Texas 76102
Purchaser: _____
Operator Contact Person: Gary Tidmore
Phone: (817) 870-1483
Contractor: Name: Berentz Drilling Company, Ic.
License: 5892

Wellsite Geologist: Chris Peters
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>05/19/03</u>	<u>05/31/03</u>	<u>06/24/03</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 035-24173-00-00
County: Cowley
_____ -sw - sw - ne Sec. 18 Twp. 33 S. R. 8 East West
2303 feet from S / N (circle one) Line of Section
2620 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Richardson Construction Well #: 1
Field Name: Wildcat

Producing Formation: Pawnee Limestone, Fort Scott Limestone
Elevation: Ground: 1069 Kelly Bushing: 1074
Total Depth: 3000 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 212 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 *ALT I WITH 3-6-07*
(Data must be collected from the Reserve Pit)
Chloride content 2200 ppm Fluid volume 500 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

RECEIVED
APR 02 2007
KCC WICHITA

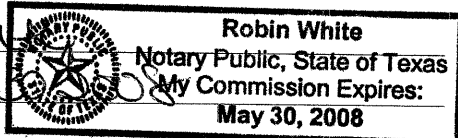
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: Vice President Date: 03-27-07

Subscribed and sworn to before me this 27 day of march,
2007

Notary Public: Robin White
Date Commission Expires: May 30, 2008



KCC Office Use ONLY

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

Operator Name: Threshold Development Company Lease Name: Richardson Construction Well #: 1
 Sec. 18 Twp. 33 S. R. 8 East West County: Cowley

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 Formation (Top), Depth and Datum Sample
 Name Top Datum

CASING RECORD							
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	23#	212	Common	130	
Production	7 7/8	5 1/2	15.5#	2455	Class A	225	

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
2 jspf-26 shots	2228 - 2240	2000 gal 15% HCL	RECEIVED APR 02 2007 KCC WICHITA
1 jspf-27 shots	2186 - 2212	1000 gal 15% HCL	

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	No
		2 7/8"	2230'			<input checked="" type="checkbox"/>	<input type="checkbox"/>

Date of First, Resumed Production, SWD or Enhr.	Producing Method	Flowing	<input checked="" type="checkbox"/> Pumping	Gas Lift	Other (Explain)
6/26/03					

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	13	TSTM	0		

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



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

RECEIVED
 AUG 08 2003
 KCC WICHITA

SERVICE TICKET

✓ 4679
 DATE 5-30-03
 COUNTY Cowley

CHARGE TO Threshold Development Co.
 ADDRESS 777 Taylor St. Penthouse 11-0 CITY FORTWORTH ST TX ZIP 76102
 LEASE & WELL NO. RICHARDSON CONSTRUCTION #1 SEC. 18 TWP. 23 RNG. 8E
 CONTRACTOR BRENTZ DRILLING Co. TIME ON LOCATION 9:00 p
 KIND OF JOB PRODUCTION CASING / 1-INCH OLD NEW

Quantity	MATERIAL USED	2455	Serv. Charge	808.56
2255x	U.S.C		@ 8.08	1818.00
955x	60/40 POZ MEX		@ 4.80	456.00
45x	GEL		@ 9.50	38.00
500 GAL	MUD FLUSH		@ 1.55	275.00
1	5 1/2 PACK OFF SHOES			871.50
10	5 1/2 CENTERIZERS		@ 27.00	270.00
3245x	BULK CHARGE		@ .98	317.52
55	BULK TRK. MILES X 16.25 TON X .73			652.44
55	PUMP TRK. MILES		@ 2.05	112.75
2	5 1/2 BASKETS		@ 127.50	255.00
1	PLUGS 5 1/2 LOC DOWN w/BATTLE			142.50
	SALES TAX			321.04
	TOTAL			6338.32

T.D. 3000' CSG. SET AT 2455 GL VOLUME 58.4 BBLS
 SIZE HOLE 7 7/8 TBG SET AT _____ VOLUME _____
 MAX. PRESS. 1400 SIZE PIPE 5 1/2 USED
 PLUG DEPTH 2415 GL PKER DEPTH _____
 PLUG USED LOC DOWN TIME FINISHED 6:00 A 5-31-02

REMARKS: SEE CEMENT LOG

EQUIPMENT USED

NAME	UNIT NO.	NAME	UNIT NO.
<u>JIM THOMAS</u>	<u>P14</u>	<u>GREP SWANK</u>	<u>B1+B3</u>
<u>Neal Rupp #26</u>			

CEMENTER OR TREATER

OWNER'S REP.

GENERAL TERMS AND CONDITIONS

All prices are exclusive of any Federal, State or Special Taxes for the sale or use of merchandise or service listed. The amount of taxes required to be paid by the seller shall be added to the quoted prices payable by the buyer.

Unless satisfactory credit has been established, cash payment will be required in advance.

We will make reasonable attempt to get to and from the well under our own power. Should we be unable to do so because of poor or inadequate road conditions, and it becomes necessary to employ a tractor or other pulling equipment, such equipment will be supplied by the customer, or if furnished by us, the cost will be charged to the customer.

We endeavor to design and maintain our equipment to safely service properly drilled and conditioned wells. We carry public liability and property damage insurance, but as there are so many uncertain and unknown conditions not subject to control, we can neither be liable for injuries to property or persons nor for loss or damage arising from the performance of our services or resulting therefrom.

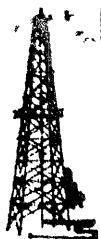
In the event equipment or tools are lost in rendering our services, the customer agrees to make reasonable attempt to recover same. If not recovered, customer agrees to reimburse us for their value.

If a material service is ordered and the customer cancels same after the solution has been prepared, a charge will be made to the customer for the expenses incurred.

Unless otherwise specified, a dead haul charge of \$1.50 per mile, one way, will be made for each service unit ordered but not used.

All prices are subject to change without notice.

All unpaid bills are subject to interest after 60 days from date of invoice.



United Cementing and Acid Co., Inc.

316-321-4680 • 800-794-0187

FAX 316-321-4720

2510 W. 6th Street • El Dorado, KS 67042

ACID / CEMENTING LOG

Date 5.30.03 District _____ Ticket No. 4679
 Company Threshold Dev. Co Rig BRENTE
 Lease RICHARDSON CONS. Well No. 1
 County Cowley State KS.
 Location 18-33-8E Field _____

CASING DATA: PTA Squeeze Acid Mini Frac
 Surface Intermediate Production Liner
 Size 5 1/2 Type USED Weight 15 Collar LONG

Casing Depths: Top 8 5/8 200' Bottom 5 1/2 2455'

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 3000 ft. P.B. to 2415 ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. .0238 Lin. ft./Bbl. 42.01
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. .0309 Lin. ft./Bbl. 32.41
 Tubing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____
 Packer Setting: _____ B-Plug Depth _____

CEMENT DATA:

Spacer Type: SOO GAL MUD FLUSH
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG _____

LEAD: Pump Time _____ hrs. Type U.S.C
 Excess _____

Amt. 225 Skys Yield 1.49 ft³/sk Density 14.5 PPG _____

TAIL: Pump Time _____ hrs. Type 60/40
 Excess _____

Amt. 95 Skys Yield 1.40 ft³/sk Density 13.9 PPG _____

WATER: Lead 7.06 gals/sk Tail 6.17 gals/sk Total _____ Bbls _____

Acid Type _____

Pump Truck Used P14

Bulk Equipment B1 + B3

Float Equip: Manufacturer IND. RUBBER

Shoe: Type PACK OFF SHOE Depth 2455

Float: Type BAFFLE PLATE Depth 2415

Centralizers: Quantity 10 Plugs Top 100 Btm. _____

Stage Collars: _____

Special Equip: 2 - BASKETS

Disp. Fluid Type FRESH H₂O Amt. 57.5 Bbls. Weight 9.3 PPG _____

Flush Type _____ Weight _____ PPG _____

COMPANY REPRESENTATIVE JOE & DON BAKER

CEMENTER/TREATER NEAL RUPP

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
1:23 AM / PM						
12:30 A						RAN 5 1/2 CSG TO 2455'
						SPOT COLLAR IN CELLER - DROP BALL FOR SHOE
						RIG UP CEMENT HEAD TO MUD PUMP
2:00	12:00					PSI UP
	400					OPEN SHOE & CIRCULATE
2:30						RIG UP TO PUMP TRUCK
2:37	300				5.0	START MUD FLUSH
	400				3.5	FLUSH IN - START SLURRY
	400		58.5	12.0	4.0	FLUSH @ SHOE - 1865X MIXED
	400		70.5	12.0	4.0	SLURRY @ SHOE - 2215X MIXED
2:53	0		71.5	1.0		SLURRY IN - SHUT DOWN
						WASH OUT PUMP & LINES
2:55	200				5.0	RELEASE PLUG - START DISP
	400				5.0	START LEFT PSI - GOOD RETURNS
	300		55.0	43.0	4.0	FINAL DISP PSI
3:06	1400		57.5	2.5		CAND PLUG
3:07						RELEASE - PSI - PLUG HELD.
3:30						RUN 500 FT OF INCH ON OUTSIDE
						OF 5 1/2
4:30	500				2.0	BREAK CIRCULATION VIA 1-INCH
	500				5.0	START SLURRY 60/40 P02 4766EL
	500		28.75	23.75	2.0	CIRCULATE CEMENT TO SURFACE 95.5X
	500		29.75	1.0	2.0	FLUSH - 1-INCH
4:45						SHUT DOWN - PULL 1-INCH
5:45						CEMENT REMAINED @ TOP OF HOLE
6:00						JOB COMPLETE

FINAL DISP. PRESS: 800 PSI BUMP PLUG TO 1400 PSI BLEEDBACK 1/4 BBLs.
 ISIP _____ PSI 5 MIN _____ PSI 10 MIN _____ PSI 15 MIN _____ PSI



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

RECEIVED
 AUG 08 2003
 KCC WICHITA

SERVICE TICKET

✓ 4728

DATE 5-20-03

COUNTY Combe

CHARGE TO Threshold Dev. Co.

ADDRESS _____ CITY _____ ST _____ ZIP _____

LEASE & WELL NO. Richardson Const. #1 SEC. _____ TWP. _____ RING. _____

CONTRACTOR Brentz Drilling TIME ON LOCATION 6:30

KIND OF JOB Sur Face Pipe OLD NEW

Quantity	MATERIAL USED	Serv. Charge	
140 SX	Com Cement 3% Calicam @ 5.80		482.00
4 SX	Calicam chloride @ 9.50		812.00
			38.00
144	BULK CHARGE		141.12
	BULK TRK. MILES <u>7.2 tons</u>		289.08
95	PUMP TRK. MILES		112.75
	PLUGS		
	SALES TAX		80.65
	TOTAL		1955.60

T.D. 222

CSG. SET AT 212 VOLUME 13 1/4

SIZE HOLE _____

TBG SET AT _____ VOLUME _____

MAX. PRESS. _____

SIZE PIPE 8 5/8

PLUG DEPTH _____

PKER DEPTH _____

PLUG USED _____

TIME FINISHED 9:30

REMARKS: Circulate Cement From 212 to Sur Face
Used 140 SX circulate good Cement

EQUIPMENT USED

NAME	UNIT NO.	NAME	UNIT NO.
<u>Chet B-7</u>		<u>Jim P-14</u>	
<u>Ron Pitt</u>			
CEMENTER OR TREATER		OWNER'S REP.	

GENERAL TERMS AND CONDITIONS

All prices are exclusive of any Federal, State or Special Taxes for the sale or use of merchandise or service listed. The amount of taxes required to be paid by the seller shall be added to the quoted prices payable by the buyer.

Unless satisfactory credit has been established, cash payment will be required in advance.

We will make reasonable attempt to get to and from the well under our own power. Should we be unable to do so because of poor or inadequate road conditions, and it becomes necessary to employ a tractor or other pulling equipment, such equipment will be supplied by the customer, or if furnished by us, the cost will be charged to the customer.

We endeavor to design and maintain our equipment to safely service properly drilled and conditioned wells. We carry public liability and property damage insurance, but as there are so many uncertain and unknown conditions not subject to control, we can neither be liable for injuries to property or persons nor for loss or damage arising from the performance of our services or resulting therefrom.

In the event equipment or tools are lost in rendering our services, the customer agrees to make reasonable attempt to recover same. If not recovered, customer agrees to reimburse us for their value.

If a material service is ordered and the customer cancels same after the solution has been prepared, a charge will be made to the customer for the expenses incurred.

Unless otherwise specified, a dead haul charge of \$1.50 per mile, one way, will be made for each service unit ordered but not used.

All prices are subject to change without notice.

All unpaid bills are subject to interest after 60 days from date of invoice.