

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 # 5298  
Name: Gould Oil, Inc.  
Address: 3500 N. Rock Rd., Bldg 800-A  
City/State/Zip: Wichita, KS 67226  
Purchaser: Lumen Energy

API No. 15 - 145-21487-00-00  
County: Pawnee  
SW NE NW Sec. 36 Twp. 23 S. R. 15  East  West  
990 feet from S (N) (circle one) Line of Section  
1650 feet from E (W) (circle one) Line of Section

Operator Contact Person: Bob Eise]  
Phone: (316) 636-4222  
Contractor: Name: Duke Drilling Co., Inc.  
License: 5929

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE (NW) SW  
Lease Name: English Well #: 2  
Field Name: Hearn

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

RECEIVED  
DEC 03 2003

Producing Formation: Viola  
Elevation: Ground: 1990 Kelly Bushing: 1998  
Total Depth: 4444' Plug Back Total Depth: 4215  
Amount of Surface Pipe Set and Cemented at 368 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.

If Workover/Re-entry: Old Well Info as follows: N/A

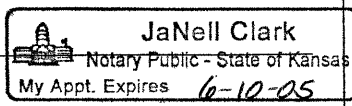
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) \_\_\_\_\_ Docket No. \_\_\_\_\_  
09-12-03 09-20-03 9.20.03  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

Drilling Fluid Management Plan AP 1 on 3-3-04  
(Data must be collected from the Reserve Pit)  
Chloride content 6000 ppm Fluid volume 400 bbls  
Dewatering method used jet to reserve haul offsite  
backfill when dry  
Location of fluid disposal if hauled offsite:  
Twila Faye Bookstore, LLC dba  
Operator Name: Gee Oil Service  
Lease Name: Hyter SWD License No.: 32482  
Quarter \_\_\_\_\_ Sec. 12 Twp. 24 S. R. 15  East  West  
County: Stafford Docket No.: D-19913

**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: Bob Eise]  
Title: President Date: 12/1/2003  
Subscribed and sworn to before me this 1 day of December  
2003.  
Notary Public: JaNell Clark  
Date Commission Expires: 6-10-2005

  
JaNell Clark  
Notary Public - State of Kansas  
My Appt. Expires 6-10-05

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

X

Operator Name: Gould Oil, Inc. Lease Name: English Well #: 2  
 Sec. 36 Twp. 23 S. R. 15  East  West County: Pawnee

**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.

*DST 1, 2, 3 900 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: Gamma Ray/Neutron Bond Log  
 \*\* Will be sent by geologist

<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Name	Top	Datum
Anhydrite	940	(+1058)
Chase Group	1975	(+23)
Lansing	3655	(-1657)
Conglomerate	4024	(-2026)
Viola	4060	(-2062)
Simpson Sand	4115	(-2117)
Arbuckle	4156	(-2158)
KTD (Driller)	4239	

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	# Sacs Used	Type and Percent Additives
Surface	12.25	8 5/8"	23#	368'	60/40 Poz	240	2% Gel 3% c.c.
Production	7.875	5 1/2"	15.5#	4239	AA-2	150	10% Salt 8% FLA-322

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
1	4061, 4062, 4063, 4066, 4071, 4073, 4074, 4075, 4076, 4077	1000 Gal 10% HCL Frac - 19,000 Gal. Gel,	
	10 shots	210 Sacks 20/40 & 12/20 Sand	

<b>TUBING RECORD</b>	Size 2 3/8"	Set At 4021.55	Packer At N/A	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. -0-	Gas Mcf 110	Water Bbls. Trace	Gas-Oil Ratio N/A Gravity N/A

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
 (If vented, Sumit ACO-18.)  Other (Specify) \_\_\_\_\_

5# Gi



ORIGINAL

COPIED

**SALES OFFICE:**  
 100 S. Main  
 Suite #807  
 Wichita KS 67202  
 (316) 262-3699  
 (316) 262-5799 FAX

**SALES & SERVICE OFFICE:**  
 10244 NE Hway 61  
 P.O. Box 8613  
 Pratt, KS 67124-8613  
 (620) 672-1201  
 (620) 672-5383 FAX

**SALES & SERVICE OFFICE:**  
 1700 S. Country Estates Rd.  
 P.O. Box 129  
 Liberal, KS 67905-0129  
 (620) 624-2277  
 (620) 624-2280 FAX

API# 15-145-21487-00-00

Invoice

<b>Bill to:</b>			<b>Invoice</b>		<b>Invoice Date</b>		<b>Order</b>		<b>Order Date</b>			
GOULD OIL COMPANY 3500 N ROCK RD BLDG 800 A WICHITA, KS 67226			3211152 RECEIVED DEC 03 2003 KCC WICHITA		309091		9/26/03		6837		9/20/03	
<b>Service Description</b>												
Cement												
<b>Lease</b>						<b>Well</b>						
English						2						
<b>AFE</b>		<b>CustomerRep</b>		<b>Treater</b>		<b>Well Type</b>		<b>Purchase Order</b>		<b>Terms</b>		
		D. Aumiller		B. Drake		New Well				Net 30		

ID.	Description	UOM	Quantity	Unit Price	Price
D205	AA2 (COMMON)	SK	150	\$13.19	\$1,978.50 (T)
D203	60/40 POZ (COMMON)	SK	25	\$7.84	\$196.00 (T)
C195	FLA-322	LB	113	\$7.50	\$847.50 (T)
C321	GILSONITE	LB	748	\$0.60	\$448.80 (T)
C221	SALT (Fine)	GAL	762	\$0.25	\$190.50 (T)
C243	DEFOAMER	LB	15	\$3.00	\$45.00 (T)
F281	CEMENTING SHOE BASKET TYPE, 5 1/2"	EA	1	\$1,700.00	\$1,700.00 (T)
F171	LATCH DOWN PLUG & BAFFLE, 5 1/2"	EA	1	\$250.00	\$250.00 (T)
F101	TURBOLIZER, 5 1/2"	EA	7	\$71.00	\$497.00 (T)
F121	BASKET, 5 1/2"	EA	2	\$205.00	\$410.00 (T)
C141	CC-1, KCL SUBSTITUTE	GAL	1	\$40.00	\$40.00 (T)
E107	CEMENT SERVICE CHARGE	SK	175	\$1.50	\$262.50
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	35	\$3.25	\$113.75
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	285	\$1.30	\$370.50
R209	CASING CEMENT PUMPER, 4001-4500' 1ST 4 HRS ON LOC	EA	1	\$1,764.00	\$1,764.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00

Sub Total: \$9,364.05

Discount: \$2,836.99

Discount Sub Total: \$6,527.06

Pawnee County & State Tax Rate: 6.30% Taxes: \$289.97

(T) Taxable Item

Total: \$6,817.03

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.

ORIGINAL



API# 15-145-21487-00-00

FIELD ORDER

6837

INVOICE NO.	Subject to Correction		
Date <b>9-20-03</b>	Lease <b>English</b>	Well # <b>2</b>	Legal <b>36-235-15w</b>
Customer ID	County <b>Pawnee</b>	State <b>Ks.</b>	Station <b>Pratt</b>
CHARGE	Depth <b>4239'</b>	Formation	Shoe Jnt <b>20'</b>
	Casing <b>5 1/2</b>	Casing Depth	TD <b>4444</b>
	Customer Representative <b>Don Aumiller</b>		Treater <b>Bobby Drake</b>
AFE Number	PO Number	Materials Received by <b>X Don Aumiller</b>	

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D205	150sk	AA 2 - Common	✓			
D203	25sk	60/40 PO2 - Common	✓			
C195	113lb.	FLA-322	✓			
C321	748lb.	Gilsonite	✓			
C221	762lb.	Salt	✓			
C243	15lb.	Deframer	✓			
F281	1ea.	Cementing Shoe Basket Type, 5 1/2	✓			
F171	1ea.	Latch Down Plug & Baffle, 5 1/2	✓			
F101	7ea.	Turbolizer, 5 1/2	✓			
F121	2ea.	Basket, 5 1/2	✓			
C141	1gal	CC-1	No Charge	✓		
E107	175sk.	Cmt. Service Charge				
E100	35mi.	UNITS 1-Way MILES 35mi.				
E104	285tn.	TONS MILES				
R209	1ea.	EA. 4001' to 4500' PUMP CHARGE				
R701	1ea.	Cmt. Head Rental				
		Discounted Price	6537.06			

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

## TREATMENT REPORT

API # 15-145-21487-00-00



Customer ID	Date
Customer <i>Gould Oil, Inc.</i>	<i>9-20-03</i>
Lease <i>English</i>	Lease No.
	Well # <i>2</i>

Field Order # <i>6837</i>	Station <i>Pratt</i>	Casing <i>5 1/2</i>	Depth <i>4239</i>	County <i>Pawnee</i>	State <i>KS</i>
Type Job <i>5 1/2 Long String</i>			Formation	Legal Description <i>36-235-15W</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>5 1/2</i>	Tubing Size	Shots/Ft	<i>Lead</i>	Acid <i>150 gal AA-2 @ 15.0*</i>		RATE	PRESS	ISIP
Depth <i>4239</i>	Depth	From	To	Pre Pad <i>10% 5% H 5% G 1% F 1% A 1</i>	Max			5 Min.
Volume <i>83</i>	Volume	From	To	Pad <i>15.0 * 1/2 @ 1.44 H 1/3</i>	Min			10 Min.
Max Press <i>1000</i>	Max Press	From	To	Frac <i>25 sk 60/40 Per</i>	Avg			15 Min.
Well Connection	Annulus Vol.	From	To	<i>2% CL 1/4" # 6 1/2 N 6 L K</i>	HHP Used			Annulus Pressure
Plug Depth <i>4219</i>	Packer Depth	From	To	Flush <i>14.7 # 1/2 @ 1.254 @ 100</i>	Gas Volume			Total Load

Customer Representative <i>Don Humiller</i>	Station Manager <i>Dave Aubry</i>	Treater <i>Bobby Drake</i>
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
			<i>105</i>	<i>106</i>	<i>35</i>
				<i>57</i>	<i>34</i>
				<i>71</i>	
<i>2:40</i>					<i>2300 - Called Out</i>
<i>5:30</i>					<i>On location - Safety Meeting</i>
<i>7:40</i>					<i>Run 99 jts of 5 1/2 15.5 csg. - Cent. on 1, 3, 5, 8,</i>
<i>7:51</i>					<i>20, 76 + 80 - Baskets on 2 + 4 - Latch Down</i>
<i>8:37</i>			<i>10</i>		<i>Baffle 1st jt. 20' - Cent. Shear Basket Type 1st jt. 20'</i>
<i>8:39</i>	<i>200</i>		<i>39</i>	<i>5.0</i>	<i>Csg. on bottom - Circ. w/ Rig</i>
<i>8:47</i>					<i>Drop Ball - Pump Mud w/ Rig to set Packer &amp; Circulate</i>
<i>8:50</i>	<i>100</i>		<i>101.5</i>	<i>5.0</i>	<i>Start H<sub>2</sub>O Ahead</i>
<i>9:03</i>				<i>5.0</i>	<i>Mix AA-2 Cent. @ 15.0*</i>
<i>9:10</i>	<i>1000</i>				<i>Shut Down - Clear Pump + Lines - Retrace Plug</i>
<i>9:12</i>					<i>start Disp.</i>
					<i>lift Cent.</i>
					<i>shut Down - Plug Down</i>
					<i>Plug Rat Hole + Mouse Hole</i>
					<i>Job Complete</i>
					<i>Thanks, Bobby Drake</i>

ORIGINAL  
COPY



**SALES OFFICE:**  
100 S. Main  
Suite #607  
Wichita KS 67202  
(316) 262-3699  
(316) 262-5799 FAX

**SALES & SERVICE OFFICE:**  
10244 NE Hiway 61  
P.O. Box 8613  
Pratt, KS 67124-8613  
(620) 672-1201  
(620) 672-5383 FAX

**SALES & SERVICE OFFICE:**  
1700 S. Country Estates Rd.  
P.O. Box 129  
Liberal, KS 67905-0129  
(620) 624-2277  
(620) 624-2280 FAX

API # 15-145-21487-00-00

**Invoice**

<b>Bill to:</b>		3211152	<b>Invoice</b>	<b>Invoice Date</b>	<b>Order</b>	<b>Order Date</b>
GOULD OIL COMPANY 3500 N ROCK RD BLDG 800 A WICHITA, KS 67226			309044	9/19/03	6831	9/12/03
<p style="text-align: center;"><b>RECEIVED</b> <b>DEC 03 2003</b> <b>KCC WICHITA</b></p>		<b>Service Description</b>				
		Cement				
		<b>Lease</b>		<b>Well</b>		
		English		2		
<b>AFE</b>	<b>CustomerRep</b>	<b>Treater</b>	<b>Well Type</b>	<b>Purchase Order</b>	<b>Terms</b>	
	R. Wheeler	B. Drake	New Well		Net 30	

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D203	60/40 POZ (COMMON)	SK	240	\$7.84	\$1,881.60 (T)
C310	CALCIUM CHLORIDE	LBS	621	\$0.75	\$465.75 (T)
F163	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$85.00	\$85.00 (T)
F303	BAFFLE PLATE ALUMINUM, 8 5/8"	EA	1	\$72.00	\$72.00 (T)
E107	CEMENT SERVICE CHARGE	SK	240	\$1.50	\$360.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	35	\$3.25	\$113.75
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	362	\$1.30	\$470.60
R202	CASING CEMENT PUMPER, 501-1,000' 1ST 4 HRS ON LOC.	EA	1	\$924.00	\$924.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00

**Sub Total:** \$4,622.70

**Discount:** \$1,584.61

**Discount Sub Total:** \$3,038.09

**Pawnee County & State Tax Rate: 6.30% Taxes:** \$103.69

(T) Taxable Item

**Total:** \$3,141.78

71730

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.

ORIGINAL

FIELD ORDER

6831

API# 15-145-21487-00.00



INVOICE NO.		Subject to Correction	
Date	Lease	Well #	Legal
9-12-03	English	2	36-225-15w
Customer ID	County	State	Station
	Pawnee	KS.	Pratt
Gould Oil Inc.		Depth	Formation
		Shoe Joint	
Casing	Casing Depth	TD	Job Type
8 5/8	368	368	8 5/8 Surface New Well
Customer Representative		Treater	
Rich Wheeler		Bobby Drake	

CHARGE

AFE Number	PO Number	Materials Received by
		Rich Wheeler

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D203	240 sk.	60/40 P02	✓			
C310	621 lb.	Calcium Chloride	✓			
E163	1 ea.	Wooden Cmt. Plug 8 5/8	✓			
F303	1 ea.	Baffle Plate 8 5/8	✓			
E107	240 sk.	Cmt. Service Charge				
E100	35 mi.	UNITS 1-Way MILES 35 mi.				
E104	362 tm.	TONS MILES				
R202	1 ea.	EA. 300-500' PUMP CHARGE				
R701	1 ea.	Cmt. Head Rental				
Discounted Price				3038.09		

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

**TREATMENT REPORT**

API#15-145-21487-00-00



Customer ID	Date	
Customer <i>Gould Oil Inc.</i>	<i>9-12-03</i>	
Lease <i>English</i>	Lease No.	Well # <i>2</i>
Field Order # <i>6831</i>	Station <i>Pratt</i>	County <i>Lawnee</i>
Casing <i>8 5/8</i>	Depth <i>368</i>	State <i>KS</i>

Type Job <i>8 5/8 Surface New Well</i>	Formation	Legal Description <i>36-235-15W</i>
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PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8</i>	Tubing Size	Shots/Ft	<i>Lead</i>	Acid <i>240sk. 60/40/62</i>		RATE	PRESS	ISIP
Depth <i>368</i>	Depth	From	To	Pre Pgd <i>396CC</i>		Max		5 Min.
Volume <i>23.5</i>	Volume	From	To	Pad <i>14.5#/gal 1.25ft<sup>3</sup></i>		Min		10 Min.
Max Press <i>500</i>	Max Press	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth <i>323.7</i>	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative <i>Rich Wheeler</i>	Station Manager <i>Dave Antry</i>	Treater <i>Bobby Drake</i>
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
			<i>105</i>	<i>27</i>	<i>1900 - Called Out</i>
<i>2:15</i>					<i>On location - Safety Meeting</i>
					<i>8Jt. 8 5/8 23" Csg - Baffle Plate 1<sup>st</sup> Jt. - 44233</i>
<i>2:48</i>					<i>Start Csg.</i>
<i>1:35</i>					<i>25<sup>th</sup> Csg In - Pull Csg. Run Back In w/ Drill Pipe</i>
<i>4:00</i>					<i>Start Csg.</i>
<i>5:30</i>					<i>Csg. On Bottom</i>
<i>5:50</i>					<i>Hook Up To Csg. Break Circ. w/ Rig</i>
<i>6:00</i>	<i>150</i>		<i>10</i>	<i>5.0</i>	<i>Start H<sub>2</sub>O Ahead</i>
<i>6:02</i>	<i>250</i>		<i>99</i>	<i>6.2</i>	<i>Mix Cmt. @ 14.5 #/gal.</i>
<i>6:18</i>			<i>c</i>		<i>Shut Down Release 8 5/8 Wooden Plug</i>
<i>6:20</i>	<i>200</i>			<i>5.5</i>	<i>Start Disp.</i>
<i>6:24</i>	<i>450</i>		<i>20.5</i>		<i>Plug Down</i>
<i>6:25</i>	<i>400</i>				<i>Close Valve on Csg.</i>
					<i>Circulation Thru Job - Cmt. to Surface</i>
					<i>Circulate 29.5 Bbl. Cmt. to Pit ✓</i>
					<i>Job Complete</i>
					<i>Thanks, Bobby Drake</i>