

**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 # 33261  
 Name: Brower Oil & Gas Co., Inc.  
 Address: 6506 S. Lewis Ave., Ste. 115  
 City/State/Zip: Tulsa, OK 74136  
 Purchaser: Benson Minerals  
 Operator Contact Person: Ashley Jones  
 Phone: ( 918 ) 743-8893  
 Contractor: Name: Pense Brothers Drilling Service  
 License: 32980  
 Wellsite Geologist: John Fitzsimons  
 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>8/08/04</u>	<u>8/09/04</u>	<u>8/10/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30603-00-00  
 County: Montgomery  
   -NW- NW- NE Sec. 12 Twp. 34 S. R. 15  East  West  
330 feet from S (N) (circle one) Line of Section  
2310 feet from (E) W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) (NE) SE NW SW  
 Lease Name: Mays Well #: 1-12  
 Field Name: Jefferson-Sycamore  
 Producing Formation: Weir-Pitt  
 Elevation: Ground: 894' Kelly Bushing: \_\_\_\_\_  
 Total Depth: 1400' Plug Back Total Depth: \_\_\_\_\_  
 Amount of Surface Pipe Set and Cemented at 51' of 8 5/8 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 51'  
 feet depth to surface w/ 12 \_\_\_\_\_ sx cmt.

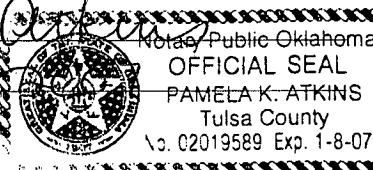
**Drilling Fluid Management Plan** *alt. #2 KJR 6/29/07*  
 (Data must be collected from the Reserve Pit)  
 Chloride content freshwater ppm Fluid volume \_\_\_\_\_ bbls  
 Dewatering method used evaporation  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: \_\_\_\_\_  
 Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
 County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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: Ashley Jones  
 Title: Production Analyst Date: 11/17/04

Subscribed and sworn to before me this 17th day of November, 2004.

Notary Public: Pamela K. Atkins  
 Date Commission Expires: Jan 8  


**KCC Office Use ONLY**

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

Operator Name: Brower Oil & Gas Co., Inc. Lease Name: Mays Well #: 1-12  
 Sec. 12 Twp. 34 S. R. 15  East  West County: Montgomery

**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  
 Weir-Pitt 972 976

List All E. Logs Run:

CDL, DIL

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	11"	8 5/8"	15.5#/ft.	51'	class A	12	
production	7 7/8"	5 1/2"	23#/ft.	1375'	class H	200	4% gel 2%CaCl2 1%flocelle

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
4spf	17 holes 972'-976'	300 gals 15% HCL + 441 bbls freshwater 8000# 20/40 sand	972'

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 7/8"	943'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 10/25/04			Producing Method <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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	TSM	8 (dewatering)		

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

Production Interval

Surface was cemented by Brower Oil & Gas Co., Inc., supervised by Mr. Jack Emerson.  
There is no cement ticket because it was a company job. Should questions need to be  
answered, please call 918-743-8893, or Joe D. Brower 918-760-4443.

Joe D. Brower  
10-28-04

CONSOLIDATED OIL WELL SERVICES, INC.  
 214 W. 14TH STREET, CHANUTE, KS 66720  
 620-431-9210 OR 800-467-8676

TICKET NUMBER, **1656**

LOCATION Bville

FOREMAN Jeff Greban

**TREATMENT REPORT & FIELD TICKET  
 CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-10-04	1530	MAYS # 1-12	12	34	15	MG
CUSTOMER <u>Brower Oil + Gas Co, Inc</u>						
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
			290	Kent		
			235	Marshall		
			422	Coop		
			226	Rick		
CITY	STATE	ZIP CODE				
JOB TYPE <u>LS</u>		HOLE SIZE <u>7 7/8</u>	HOLE DEPTH <u>1400</u>	CASING SIZE & WEIGHT <u>5 1/2 15.5 #</u>		
CASING DEPTH <u>1375</u>		DRILL PIPE	TUBING	OTHER		
SLURRY WEIGHT		SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING		
DISPLACEMENT <u>32 3/4</u>		DISPLACEMENT PSI	MIX PSI	RATE		
REMARKS: <u>Ran 2 sx gel/hulls ahead of Has + est. circ -</u> <u>dumped 200 sx 94% gel 2% calcium, 1/4 # P/s w/ hulls @ 14 PPS -</u> <u>shut down - washed out lines + pump - dropped plug -</u> <u>displaced to bottom + set shoe - shut in -</u> <u>circ. out. to surface</u>						

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE LONGSTRING		710.00
5406	41 m	MILEAGE		96.35
5407	min	BULK TRK		225.00
5501C	4 hr	TRANSPORT		336.00
5502C	4 hr	80 VAC		312.00
1104	200 SX	CEMENT	*	1780.00
1118	10 SX	GEL	*	124.00
1102	5 SX	CALCIUM	*	178.50
1107	2 SX	FLO SEAL	*	80.00
1105	2 SX	HULLS	*	27.20
4406	1 ea	5 1/2 rubber plug	*	40.00
1123	7200 GAL	City H <sub>2</sub> O	*	82.80
4157	1 ea.	5 1/2 FLOA + shoe (THIS WELL)	*	130.00
4157	1 ea.	5 1/2 FLOA + shoe (MAVERS #1-11)	*	130.00
			* SALES TAX	136.34
			ESTIMATED TOTAL	4388.19

AUTHORIZATION \_\_\_\_\_ TITLE 192064 DATE \_\_\_\_\_

## TERMS

In consideration of the prices to be charged for our services, equipment and products as set forth in Consolidated Oil Well Services, Inc's (COWS) current Price Schedule, and for the performance of services and supplying of materials; customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices payable to P.O. Box 884, Chanute, KS 66720. Invoices payable within 30 days of invoice date. Charges subjected to interest after 30 days from invoice date. Interest will be charged at Maximum rate allowed by law. In the event it is necessary to employ an attorney to enforce collection of such account, customer agrees pay all collection costs and attorney's fees in the amount of 20% of said amount.

Any applicable federal, state or local sales, use, occupation, consumer's or emergency taxes shall be added to the quoted price.

A sales tax reimbursement of 2% is applied to chemical and product charges for all services performed on oil and gas wells in the State of Texas.

All process license fees required to be paid to others will be added to the scheduled prices.

All prices are subject to change without notice.

## SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by COWS.

"The customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the customer shall be present to specify depths, pressures, or materials used for any service which is to be performed."

- (a) COWS shall not be responsible for, and customer shall secure COWS against any liability for damage to property of customer and of the well owner (if different from customer), unless caused by the willful misconduct or gross negligence of COWS, this provision applying to but not limited to sub-surface damage and surface damage arising from subsurface damage.
- (b) Customer shall be responsible for and secure COWS against any liability for reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct of gross negligence of COWS.

- (c) Customer shall be responsible for and secure COWS against any and all liability of whatsoever nature for damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS hereunder.
- (d) Customer shall be responsible for and secure COWS against any liability for injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of COWS.
- (e) COWS makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or services.
- (f) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS gross negligence or willful misconduct in the preparation or furnishing of it.

## WARRANTIES - LIMITATION OF LIABILITY

COWS warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OR MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to COWS or, at COWS's option, to the allowance to the customer of credit for the cost of such items. In no event, shall COWS be liable for special, incidental, indirect, punitive or consequential damages.

COWS personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be liable for and CUSTOMER SHALL INDEMNIFY AGAINST ANY DAMAGED ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed by the COWS negligence or fault.

**CONSOLIDATED OIL WELL SERVICES, INC.**  
 211 W. 14TH STREET, CHANUTE, KS 66720  
 620-431-9210 OR 800-467-8676

TICKET NUMBER **31992**  
 LOCATION B'v. He  
 FOREMAN Scott S.

**TREATMENT REPORT**

DATE 8-26-04	CUSTOMER #	WELL NAME MAYS 1-12	FORMATION Wied
SECTION 12	TOWNSHIP 34	RANGE 15	COUNTY MO, KS.
CUSTOMER Bower Oil & Gas Co. Inc.			
MAILING ADDRESS 2nd well			
CITY			
STATE		ZIP CODE	
TIME ARRIVED ON LOCATION			

TRUCK #	DRIVER	TRUCK #	DRIVER
421	Rusty	402	Dennis
396	Nolan	403	Tom
176	SEAN	2113	TREAVIS
423	Jean	415	SAND C.
		417	Revan
		120	Jeff H.

**WELL DATA**

HOLE SIZE	PACKER DEPTH
TOTAL DEPTH	PERFORATIONS 972-76
	SHOTS/FT 4
CASING SIZE	OPEN HOLE
CASING DEPTH 5 1/2"	17 hole
CASING WEIGHT 1354'	TUBING SIZE
CASING CONDITION	TUBING DEPTH
	TUBING WEIGHT
	TUBING CONDITION
TREATMENT VIA	

**TYPE OF TREATMENT**

<input type="checkbox"/> SURFACE PIPE	<input checked="" type="checkbox"/> ACID BREAKDOWN
<input type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input checked="" type="checkbox"/> FRAC SAND
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISP. PUMP	<input type="checkbox"/>
<input type="checkbox"/> OTHER	<input type="checkbox"/>

**PRESSURE LIMITATIONS**

	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		4000'
TUBING		

**INSTRUCTION PRIOR TO JOB**

\_\_\_\_\_

\_\_\_\_\_

AUTHORIZATION TO PROCEED

TITLE

DATE

TIME AM / PM	STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
	4 1/2 BBL Load hole	2 BPM	870	780	4 BPM	930	BREAKDOWN PRESSURE
	Arrn	300 gal. 15%	4-2 1/2	930	↑ 2000 ↑ 900	50 MPa	DISPLACEMENT 23.1
	↑ 10 BPM	980'					MIX PRESSURE 2000 #
	PAJ	85 BBL	2-12 B/bl			435-490	MIN PRESSURE 435 #
	Body	283 BBL	12 BPM	04-14-18	8000 # 20/46	490-525	ISIP 412 #
	Flush	73 BBL	12 BPM			525 #	15 MIN. 98 #
							MAX RATE 12 BPM
							MIN RATE 2 BPM
	300 gal. 15%	441 BBL	C. by Water	8000 #	20/46	16 gal. MAX FLOW	

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