

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

API NO. 15- 189-21789-0000

County Stevens  
- SW - SW - SE Sec. 33 Twp. 34S Rge. 36 X W

Operator: License # 5208

500 Feet from S/N (circle one) Line of Section

Name: Mobil Oil Corporation

2460 Feet from E/W (circle one) Line of Section

Address P.O. Box 2173  
2319 North Kansas Avenue

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

City/State/Zip Liberal, KS 67905-2173

Lease Name Parker Est #6 Unit Well # 7

Purchaser: Spot Market

Field Name Hugoton

Operator Contact Person: Sharon Cook

Producing Formation Chase

Phone (316) 626-1142

Elevation: Ground 3049 KB 3060

Contractor: Name: Cheyenne Drilling

Total Depth 2992 PBTB 2940

License: 5382

Amount of Surface Pipe Set and Cemented at 770 Feet

Wellsite Geologist: L. J. Reimer

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion

X New Well Re-Entry Workover

If yes, show depth set NA Feet

Oil SWD S10W Temp. Abd.  
X Gas ENHR SIGW  
Dry Other (Core, WSW, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from NA

feet depth to NA w/ NA sx cmt.

If Workover:

Drilling Fluid Management Plan ALT 1 JH 9-6-95  
(Data must be collected from the Reserve Pit)

Operator: \_\_\_\_\_

Chloride content 12,000 ppm Fluid volume 380 bbls

Well Name: \_\_\_\_\_

Dewatering method used Waste Minimization Mud System

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Deepening Re-perf. Conv. to Inj/SWD  
Plug Back PBTB  
Commingled Docket No. \_\_\_\_\_  
Dual Completion Docket No. \_\_\_\_\_  
Other (SWD or Inj?) Docket No. \_\_\_\_\_

Operator Name Mobil Oil Corporation

Lease Name C. W. Creamer #1 SWD License No. 5208

9-28-94 10-1-94 10-29-94  
Spud Date Date Reached TD Completion Date

NE Quarter Sec. 23 Twp. 34 S Rng. 37 E/W

County Stevens Docket No. D-19,411

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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 Sharon A. Cook Sharon A. Cook

Title Regulatory Assistant Date 1-12-95

Subscribed and sworn to before me this 12<sup>th</sup> day of January, 1995.

Notary Public Kathleen R. Poulton

Date Commission Expires August 18, 1998

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)



Form ACO-1 (7-91) RECEIVED CORPORATION COMMISSION JAN 17 1995

SIDE TWO

Operator Name **Mobil Oil Corporation** Lease Name **Parker Est #6 Unit** Well # **7**  
 Sec. **33** Twp. **34S** Rge. **36**  East  West  
 County **Stevens**

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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 - SFL with Linear Correlation Log  
 Simultaneous Compensated Neutron-Litho-Density  
 Natural Gamma Ray Spectrometry Log

Name	Formation (Top), Depth and Datums		Sample
	Top	Datum	
Glorietta	1174	1351	
Stone Corral	1697	1754	
Chase	2638	--	
Council Grove	--		

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	# Sacks Used	Type and Percent Additives
Surface Casing	12.250	8.625	24#	770	Class C Class C	200 sx 175 sx	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2983	Class C Class C	380 sx 150 sx	3% D79 2% B28

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 SPF	2730-40	2824-34	Acid: 1,000 gals 7.5% HCL
	2758-78		Frac'd: 71,000 lbs 12/20 Brady sand 26,000 gals 15# Crosslink gel	
	2782-92			
	2808-18			

TUBING RECORD		Size	Set At	Packer At	Liner Run
		None			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 10-31-94			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.	Gas 387	Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas:  Vented  Sold  Used on Lease  
 (If vented, submit ACO-18.)  
 METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  
 Production Interval: 2730 -  
2834

# DOWELL SCHLUMBERGER INCORPORATED

P.O. BOX 4378 HOUSTON, TEXAS 77210

SPECIAL HANDLING

## OILFIELD SERVICES

DSI SERVICE ORDER  
RECEIPT AND INVOICE NO.

03 12 6508

DSI SERVICE LOCATION NAME AND NUMBER

July 6th, Kansas 03 12

CUSTOMER NUMBER

CUSTOMER P.O. NUMBER

TYPE SERVICE CODE

285

BUSINESS CODES

CUSTOMER'S  
NAME

Mobil Oil

# ORIGINAL

ADDRESS

CITY, STATE AND  
ZIP CODE

DSI will furnish and Customer shall purchase materials and services required in the performance of the following SERVICE INSTRUCTIONS in accordance with the general terms and conditions as printed on the reverse side of this service order and/or attached to this service order. This service order is subject to alternative dispute resolution.

SANDY CEMENT FT. OF 5 1/2" CASING  
WITH 380 SXS OF LEAD AND 150 SXS OF  
TILE CEMENT.

WORKOVER  W  
NEW WELL  N  
OTHER

API OR IC NUMBER

IMPORTANT  
SEE OTHER SIDE FOR TERMS & CONDITIONS

ARRIVE LOCATION MO. DAY YR. TIME  
10 02 94 15:30

SERVICE ORDER I authorize work to begin per service instructions in accordance with terms and conditions printed on the reverse side of this form and/or attached to this form and represent that I have authority to accept and sign this order.

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE

X J. J. Davis

JOB COMPLETION MO. DAY YR. TIME  
10 02 94 19:25

SERVICE RECEIPT I certify that the materials and services listed were received and all services performed in a workmanlike manner.

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE

X J. J. Davis

STATE CODE COUNTY / PARISH CODE CITY

KANSAS

STEVENS

WELL NAME AND NUMBER / JOB SITE

LOCATION AND POOL / PLANT ADDRESS

SHIPPED VIA

PARKER ESTATE 67

466 33-345-36W

Dowell

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
<b>MATERIALS</b>					
040003 000	D903, CLASS C CEMENT	CFT	531	9.06	4810.86
103368 050	B28, EXPANDING CEMENT	Lb.	282	3.34	941.88
045041 100	D79, CHEMICAL EXTENDER	Lb.	1072	1.44	1543.68
067005 100	S1, CALCIUM CHLORIDE	Lb.	282	0.40	112.80
047002 050	D46, ANTI-FOAM AGENT	Lb.	100	3.41	341.00
044003 025	D29, CELLULOSE FIBER PULP	Lb.	100	1.77	177.00
044002 050	D60, FINE	Lb.	85	8.61	731.85
<b>SERVICES</b>					
048601 000	CEMENT HEAD	EA	1	70.00	N/C
059647 000	PACR RECORDER	EA	1	159.00	159.00
102871 030	PUMP	EA	1	1390.00	1390.00
059200 002	MILEAGE	MT	46	2.95	135.70
049102 000	DELIVERY CHARGE	TM	1193	1.00	1193.00
049100 000	SERVICE CHARGE	CFT	552	1.36	750.72
056704 054	5 1/2" CASING HARDWARE TOP ROCKET PLUG	EA	1	120.00	120.00
Discount 38%					

Field ESTIMATE \$ 12,467.49 w/ discount \$ 7692.64

SUB TOTAL

LICENSE/REIMBURSEMENT FEE

LICENSE/REIMBURSEMENT FEE

REMARKS:

Thank you for using Dowell!!

STATE % TAX ON \$

COUNTY % TAX ON \$

CITY % TAX ON \$

SIGNATURE OF DSI REPRESENTATIVE

Dave R. Lawer

TOTAL \$

RECEIVED  
STATE CORPORATION COMMISSION

JAN 17 1995

CONSERVATION

GENERAL TERMS AND CONDITIONS

1. **DSI:** The Term "DSI" as used herein is an abbreviation of Dowell Schlumberger Incorporated and where used throughout these Terms and Conditions, shall be construed to mean Dowell Schlumberger Incorporated, a Delaware corporation.

2. **Terms:** Cash in advance unless DSI has approved credit prior to the sale. Credit Terms of Sale for approved accounts are total invoice amount due at DSI's office, Houston, Texas on or before the 30th day from the date of invoice. Past due accounts are to pay interest on the balance past due at the rate of 1.5% per month or the maximum allowable by applicable state or federal laws if such laws limit interest to a lesser amount. In the event it is necessary to employ an agency and/or attorney to effect collection of said account. Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with DSI becomes delinquent, DSI has the right to revoke any and all discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount will become immediately due and owing and subject to collection.

3. **Prices:** The products and services to be supplied hereunder shall be priced as quoted. Products and services supplied on a price estimate basis shall be priced in accordance with DSI's current price schedule; special jobs, under unusual conditions, will be subject to special price quotations to reflect increased or reduced costs and risk.

4. **Taxes:** Any tax based on or measured by the change for the sale or rental of products or rendering of service shall be added to the price stated in DSI's price schedule.

5. **Independent Contractor:** DSI is and shall be an independent contractor with respect to the performance of the services set forth on the service order, and neither DSI nor anyone employed by DSI shall be the agent, representative, employee or servant of Customer in the performance of such services or any part hereof.

6. **Obligations of Customer:**

A. **Notification of Hazardous Conditions:** DSI's equipment is designed to operate under conditions normally encountered in the well bore. Customer shall notify DSI in advance and make special arrangements for servicing wells in which hazardous or unusual conditions exist.

B. **Chemicals:** The handling and disposal of any chemical, waste or by-product used or generated in the performance of these Terms and Conditions ("Chemicals") is the sole responsibility of Customer, who shall, under all circumstances, be considered the owner and generator thereof. Customer agrees that any such Chemicals will be transported and disposed of in accordance with all applicable federal, state and local laws and regulations. Customer hereby waives, releases and agrees not to assert any claim or bring any cost recovery action against DSI in connection with the use, generation, storage, transportation or disposal of Chemicals arising out of these Terms and Conditions, under any common law theories or federal, state or local environmental laws or regulations, now existing or hereinafter enacted, without regard to the cause or causes thereof or the negligence of any party.

7. **Limited Warranty-Oilfield Products:** DSI expressly warrants that it shall convey good title to the oilfield products furnished to Customer as part of the services and that such oilfield products shall conform to the specifications represented in the service order. DSI does not warrant in any way oilfield products not manufactured by DSI, and such will be sold or provided hereunder only with the warranties that are given by the manufacturer thereof. DSI MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE OILFIELD PRODUCTS, INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR THAT SAID OILFIELD PRODUCTS SHALL BE FIT FOR ANY PARTICULAR PURPOSE. DSI's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, or breach of warranty or otherwise) arising out of the sale or use of an oilfield product furnished by DSI for use in connection with its services, is expressly limited to (a) the replacement of such oilfield product upon its return to DSI or, at DSI's option, (b) the allowance to Customer of credit for cost of such oilfield product.

8. **Exclusion of Warranty - Services:** In interpreting information and making recommendations, either written or oral, as to types or amounts of materials or services to be furnished, or manner of performance, or in predicting results to be obtained therefrom, DSI will give Customer the benefit of its best judgment based on its experience. Nevertheless, all such recommendations or predictions are opinions only; and, in view of the impracticability of obtaining first-hand knowledge of the many variable conditions and/or the necessity of relying on facts and supporting services furnished by others. NO WARRANTY IS GIVEN CONCERNING THE EFFECTIVENESS OF THE MATERIALS USED, RECOMMENDATIONS GIVEN, OR THE RESULTS OF THE SERVICES RENDERED.

9. **Data Interpretation and Transmission:** Any interpretation of test or other data, and any recommendation or reservoir description based upon such interpretations, are opinions based upon inferences from measurements and empirical relationships and assumptions, which inferences and assumptions are not infallible, and with respect to which professional engineers and analysts may differ. ACCORDINGLY, DSI CANNOT AND DOES NOT WARRANT THE ACCURACY, CORRECTNESS OR COMPLETENESS OF ANY SUCH INTERPRETATION OR RECOMMENDATION. DSI does not warrant the accuracy of data transmitted by electronic processes and will not be responsible for accidental or intentional interception of such data by others. DSI does not guarantee the safe storage or the length of time of storage of any digital tapes, optical logs or prints, transparencies, or other similar products or material.

10. **Indemnity:** For the purposes of this paragraph 10 the following definitions shall apply: "DSI Group" shall mean DSI its parent, subsidiary and affiliated companies, its contractors and subcontractors and all such entities' officers, directors, employees and invitees, and "Customer Group" shall mean Customer, its parent, subsidiary and affiliated companies, its contractors and subcontractors (other than the DSI Group) and all such entities' officers, directors, employees and invitees.

A. **DSI Indemnity:** DSI assumes all liability for, and hereby agrees to protect, defend, indemnify and hold Customer Group and their insurers harmless from and against all damage, loss, liability, claims, demands and causes of action of every kind and character, (including all costs and expenses thereof and reasonable attorney's fees) without regard to the cause or causes thereof, the unseaworthiness of any vessel, strict liability or the negligence of any party, whether such negligence be the sole, concurrent, active or passive negligence of Customer Group, arising in connection herewith, on account of bodily injury and/or death to a member of the DSI Group and/or damage to the DSI Group's property (except with respect to DSI property as otherwise provided in subparagraph B2 of this paragraph 10).

B. **Customer Indemnity:** Customer assumes all liability for, and hereby agrees to protect, defend, indemnify and hold the DSI Group and their insurers harmless from and against all damage, loss, liability, claims, demands and causes of action of every kind and character, (including all costs and expenses thereof and reasonable attorney's fees) without regard to the cause or causes thereof, the unseaworthiness of any vessel, strict liability or the negligence of any party, whether such negligence be the sole, concurrent, active or passive negligence of DSI Group, arising in connection herewith;

1. on account of bodily injury and/or death to a member of the Customer Group and/or damage to the Customer Group's property.

2. in favor of DSI Group on account of loss of or damage to DSI property, equipment, materials or products, including but not limited to, fishing expenses, when such loss or damage occurs: (a) in the hole, (b) as a result of uncontrolled well conditions, (c) while in transit or being moved on any form of transportation owned or furnished by Customer, (d) while located at the well site when DSI personnel are not present or (e) while being used by any person other than a DSI employee, whether in an emergency or otherwise. With respect hereto the property, equipment, materials and products will be valued at their respective landed replacement cost. With respect to (a) above, rental charges on the equipment lost or damaged in the hole shall continue to be paid up to and including the date on which DSI receives notice in writing of the loss or damage.

C. **Special Indemnity:** Customer further agrees to protect, defend, indemnify, and hold DSI Group and their insurers harmless from and against all loss, liability, claims, demands and causes of action (including all costs and expenses thereof and reasonable attorney's fees) of every kind and character, without regard to the cause or causes thereof, the unseaworthiness of any vessel, strict liability or the negligence of any party, whether such negligence be the sole, concurrent, active or passive negligence (but excluding the gross negligence) of DSI Group, arising in connection herewith in favor of Customer Group or any third party for: (1) property damage or loss that results from blow-out or cratering; (2) property damage or loss that results from pollution and contamination, whether caused by Customer's failure to properly handle, transport or dispose of any Chemicals as required by paragraph 6B hereof or otherwise, including containment, clean-up and remediation of the pollutant and contamination, whether or not required by any applicable federal, state or local law or regulation; (3) property damage or loss that results from reservoir or underground damage including loss of oil, gas, other mineral substance, or water or the well bore itself, surface damage arising from subsurface damage or subsea damage; (4) personal injury, death, or property damage or loss that results from work performed to control a wild well; (5) cost of control of a wild well, underground or above the surface, including any redrilling or reworking costs; (6) damage to property owned by, in the possession of, or leased by Customer, and/or well owner, if different from Customer, (the term "well owner" shall include working and royalty interest owners) (i.e., any drilling, rig platform or other structure at the wellsite); or (7) subsurface trespass or any action in the nature thereof.

To the extent this paragraph 10C conflicts with the provisions of paragraph 10A hereof, paragraph 10C shall control. The indemnification provided herein shall not operate to increase any standard of responsibility limited by other provisions of these General Terms and Conditions.

D. **Notices:** Each party agrees to immediately notify the other party of any claim, demand, or suit presented to or served upon it by any person or entity in connection with the performance of this Agreement. The party seeking indemnification shall afford the other party full opportunity to assume the defense of such claim, demand, or suit and to protect itself under the obligations of this paragraph.

E. **Incidental or Consequential Damages:** It is expressly agreed that neither party shall be liable to the other for any punitive, incidental, consequential, indirect or special damages, nor for any loss of profits or business interruptions or loss of use.

11. **Insurance:** Customer's and DSI's indemnity obligations under paragraph 10 hereof shall be supported by adequate liability insurance coverage, or self-insurance (if it meets the requirements set forth below) furnished by each party at such party's cost with contractual indemnity endorsements. The amounts of insurance required from each party hereunder shall be equal; each party's indemnity obligations shall be limited to the highest amount of insurance coverage mutually carried by both parties hereunder.

In the event either party maintains a plan(s) of self-insurance to insure any part of the risks otherwise covered by the insurances required hereunder, such plan of self-insurance shall not satisfy the requirements of this paragraph unless an authorized representative of the party not requesting to be self-insured expressly consents in writing to the requesting party's use of such plan(s) of insurance. If it is judicially determined that the insurance required under this paragraph or the indemnity obligations voluntarily assumed under paragraph 10 hereof and supported either by available liability insurance or voluntarily self-insured, in part or whole, exceeds the maximum amounts of insurance or indemnity permitted under applicable law, it is agreed that said insurance requirements or indemnity shall automatically be amended to conform to the maximum amounts permitted under applicable law.

12. **Force Majeure:** DSI shall not be liable for any delay or non-performance due to governmental regulation, labor disputes, hostile action, weather, fire, acts of God or any other causes beyond the reasonable control of DSI.

13. **Dispute Resolution:** If this Service Order is issued in conjunction with an executed DSI Master Service Agreement-Oilfield Services then all controversies shall be resolved as set forth therein. In the absence of such agreement DSI and Customer shall settle all disputes and claims arising out of these General Terms and Conditions under the Commercial Rules of the American Arbitration Association, as then in force, by one or more arbitrators appointed in accordance with said rules. The place of arbitration shall be Houston, Texas. Any award or determination of the arbitration tribunal shall be final and conclusive, judgment thereon may be entered in any court of competent jurisdiction and no appeal thereof shall be made by the parties.

14. **Governing Law:** These General Terms and Conditions shall be governed by the law of the state where the services are performed or equipment furnished; however, where services are performed or equipment furnished offshore or on navigable waters, the Federal Maritime Laws will govern.

Handwritten notes and signatures in the right margin and bottom section of the page, including a signature and date.



CEMENTING SERVICE REPORT

Schlumberger  
Dowell

TREATMENT NUMBER 03 12 6608 DATE 02-94  
STAGE 1 DS DISTRICT WYOMING, KANSAS

DS-498A PRINTED IN U.S.A.

DOWELL SCHLUMBERGER INCORPORATED

WELL NAME AND NO. **VALLEY ESTATE 6.7**  
 LOCATION (LEGAL) **SEC 33, T4S, R36W**  
 FIELD-POOL **WAGON**  
 FORMATION **CHARGE**  
 COUNTY/PARISH **SENECA**  
 STATE **KANSAS** APL. NO.

RIG NAME: **CHRYSLER #4**  
 WELL DATA: BIT SIZE **7 7/8** CSG/Liner Size **5 1/2** BOTTOM TOP  
 TOTAL DEPTH **2982** WEIGHT **14#**  
 ROT  CABLE FOOTAGE **2982.88**  
 MUD TYPE **WB** GRADE  
 BHST  BHCT **110°F** THREAD **8id**  
 MUD DENSITY **9.0** LESS FOOTAGE SHOE JOINT(S) **39.53** TOTAL **2943.35**  
 MUD VISC. Disp. Capacity **2943.35**

NAME **Mobil 0.1**  
 AND  
 ADDRESS  
 ZIP CODE

ORIGINAL

SPECIAL INSTRUCTIONS  
**SAMELY CEMENT 2983 FT. OF 5 1/2" CASING WITH 380 SXS OF LEAD AND 150 SXS OF TAIL CEMENT.**

NOTE: Include Footage From Ground Level To Head In Disp. Capacity

Float	TYPE	<b>Autohil INSERT</b>	TYPE	
	DEPTH	<b>2943.35'</b>	DEPTH	
Shoe	TYPE	<b>CMT NOSE GUIDE</b>	TYPE	
	DEPTH	<b>2982.88'</b>	DEPTH	

Head & Plugs  TBG  D.P. SQUEEZE JOB  
 Double SIZE TOOL TYPE  
 Single  WEIGHT DEPTH  
 Swage  GRADE TAIL PIPE: SIZE DEPTH  
 Knockoff  THREAD TUBING VOLUME Bbbls  
 TOP  R  W  NEW  USED CASING VOL. BELOW TOOL Bbbls  
 BOT  R  W DEPTH TOTAL Bbbls  
 ROTATE  RPM RECIPROCATE  FT No. of Centralizers **15** ANNUAL VOLUME Bbbls

IS CASING/TUBING SECURED?  YES  NO  
 LIFT PRESSURE **1712** PSI CASING WEIGHT + SURFACE AREA (3.14 x R<sup>2</sup>)  
 PRESSURE LIMIT **2500** PSI BUMP PLUG TO **500' DP** PSI  
 ROTATE  RPM RECIPROCATE  FT No. of Centralizers **15**

TIME PRESSURE VOLUME PUMPED BBL JOB SCHEDULED FOR ARRIVE ON LOCATION LEFT LOCATION  
 0001 to 2400 TBG OR D.P. CASING INCREMENT CUM INJECT RATE FLUID TYPE FLUID DENSITY TIME: 16:00 DATE: 10/2/94 TIME: 15:30 DATE: 10/2/94 TIME: 19:20 DATE: 10/2/94

TIME	TBG OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
18:12		2000						PRE-JOB SAFETY MEETING
18:17		20	25	-	5.6	H <sub>2</sub> O	8.34	START JOB. PRESSURE TEST LINES 2000
18:22		350	186	25	5.6	CMT	11.5	START WATER. BREAK CIRCULATION.
18:55		190	36	21	4	CMT	14.8	START LEAD SLURRY.
19:04								START TAIL SLURRY
19:09			71.8	247	6	H <sub>2</sub> O	8.34	SHUTDOWN. WASH LINES. DROP TOP PLUG
19:20				309	2	H <sub>2</sub> O	8.34	START DISPLACEMENT
19:25		1170		319				LOWER RATE.
								BUMP TOP PLUG
								TEST FLOAT. FLOAT HEAD. RELEASE DOWEL

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
			BBL	DENSITY	BBL	DENSITY		
1.	380	2.75	CLASS C + 3% D99 + 0.2% D46 + 1/4 #15K D29	186.11	11.5			
2.	150	1.37	CLASS C + 2% B28 + 2% S2 + 0.6% D60 + 0.2% D46	36.60	14.8			
3.								
4.								
5.								
6.								

BREAKDOWN FLUID TYPE **MA** VOLUME **MA** DENSITY **MA** PRESSURE **1170** MAX MIN:  
 HESITATION SQ.  RUNNING SQ. CIRCULATION LOST  YES  NO Cement Circulated To Surf.  YES  NO **18** Bbbls  
 BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. **71.8** Bbbls TYPE OF WELL  OIL  GAS  STORAGE  INJECTION  BRINE WATER  WILDCAT  
 Washed Thru Perfs  YES  NO TO FT. MEASURED DISPLACEMENT  WIRELINE  
 PERFORATIONS TO TO CUSTOMER REPRESENTATIVE **MR. JOE DAVIS** DS SUPERVISOR **MR. DAVID R. SARVUR**

# DOWELL SCHLUMBERGER INCORPORATED

P.O. BOX 4378 HOUSTON, TEXAS 77210

SPECIAL HANDLING

## OILFIELD SERVICES

DSI SERVICE ORDER  
RECEIPT AND INVOICE NO.  
**03 12 6493**

DSI SERVICE LOCATION NAME AND NUMBER  
**ULYESSES KAUSAS 03 12**

CUSTOMER NUMBER \_\_\_\_\_ CUSTOMER P.O. NUMBER \_\_\_\_\_  
TYPE SERVICE CODE **271** BUSINESS CODES \_\_\_\_\_

CUSTOMER'S NAME **Mobil Oil**  
ADDRESS \_\_\_\_\_

WORKOVER  NEW WELL  OTHER  API OR IC NUMBER \_\_\_\_\_

CITY, STATE AND ZIP CODE \_\_\_\_\_

**ORIGINAL**

IMPORTANT  
SEE OTHER SIDE FOR TERMS & CONDITIONS  
ARRIVE LOCATION **09 28 94 23 45**

DSI will furnish and Customer shall purchase materials and services required in the performance of the following SERVICE INSTRUCTIONS in accordance with the general terms and conditions as printed on the reverse side of this service order and/or attached to this service order. This service order is subject to alternative dispute resolution.

SERVICE ORDER I authorize work to begin per service instructions in accordance with terms and conditions printed on the reverse side of this form and/or attached to this form and represent that I have authority to accept and sign this order.

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE  
*[Signature]*

JOB COMPLETION **09 29 94 06 05**

SERVICE RECEIPT I certify that the materials and services listed were received and all services performed in a workmanlike manner.

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE  
*[Signature]*

**Safety CEMENT FT. OF 8 5/8" CASING WITH 200 SXS OF LEAD AND 175 SXS OF TAIL CEMENT AS DIRECTED BY CUSTOMER.**

STATE **KANSAS** CODE \_\_\_\_\_ COUNTY / PARISH **STEVENS** CODE \_\_\_\_\_ CITY \_\_\_\_\_  
WELL NAME AND NUMBER / JOB SITE **PARKER ESTATE # 67** LOCATION AND POOL / PLANT ADDRESS **SEC. 33-345-36W** SHIPPED VIA **Dowell**

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
<b>MATERIALS</b>					
040063 000	D903 CLASS C CEMENT	CFT	191	9.06	1730.46
045008 000	D35 LITEPOZ 3	CFT	184	4.39	807.76
045014 050	D20 BENTONITE EXTENDER	lb.	1070	0.17	181.90
045004 050	D44 GRANULATED SALT	lb.	1032	0.13	134.16
067005 100	S1 CALCIUM CHLORIDE	lb.	294	0.40	117.60
044003 025	D29 CELLOPHANE FLAKES	lb.	94	1.77	166.38
<b>SERVICES</b>					
102871 010	PUMP	EA	1	840.00	840.00
059097 000	PACR RECORDER	EA	1	159.00	159.00
048601 000	CEMENT HEAD	EA	1	70.00	n/c
049102 000	DELIVERY CHARGE	TM	801	1.00	801.00
049100 000	SERVICE CHARGE	CFT	414	1.36	563.04
059200 002	MILEAGE (Cement Pump)	MI	47	2.95	138.65
048501 085	8 5/8" CASING HARDWARE TOP WOODEN Plug	EA	1	106.00	106.00
Discount 34%					

FIELD ESTIMATE # **5745.95** w/34% DISCOUNT # **3792.33** SUB TOTAL

LICENSE/REIMBURSEMENT FEE \_\_\_\_\_

LICENSE/REIMBURSEMENT FEE \_\_\_\_\_

REMARKS: **Thank you for using Dowell !!**

STATE \_\_\_\_\_ % TAX ON \$ \_\_\_\_\_  
COUNTY \_\_\_\_\_ % TAX ON \$ \_\_\_\_\_  
CITY \_\_\_\_\_ % TAX ON \$ \_\_\_\_\_

SIGNATURE OF DSI REPRESENTATIVE **David R. Brown** TOTAL \$ \_\_\_\_\_



GENERAL TERMS AND CONDITIONS

1. **DSI.** The Term "DSI" as used herein is an abbreviation of Dowell Schlumberger Incorporated and where used throughout these Terms and Conditions, shall be construed to mean Dowell Schlumberger Incorporated, a Delaware corporation.

2. **Terms.** Cash in advance unless DSI has approved credit prior to the sale. Credit Terms of Sale for approved accounts are total invoice amount due at DSI's office, Houston, Texas on or before the 30th day from the date of invoice. Past due accounts are to pay interest on the balance past due at the rate of 1.5% per month or the maximum allowable by applicable state or federal laws if such laws limit interest to a lesser amount. In the event it is necessary to employ an agency and/or attorney to effect collection of said account, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with DSI becomes delinquent, DSI has the right to revoke any and all discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount will become immediately due and owing and subject to collection.

3. **Prices.** The products and services to be supplied hereunder shall be priced as quoted. Products and services supplied on a price estimate basis shall be priced in accordance with DSI's current price schedule; special jobs, under unusual conditions, will be subject to special price quotations to reflect increased or reduced costs and risk.

4. **Taxes.** Any tax based on or measured by the change for the sale or rental of products or rendering of service shall be added to the price stated in DSI's price schedule.

5. **Independent Contractor.** DSI is and shall be an independent contractor with respect to the performance of the services set forth on the service order, and neither DSI nor anyone employed by DSI shall be the agent, representative, employee or servant of Customer in the performance of such services or any part thereof.

6. **Obligations of Customer.**

A. **Notification of Hazardous Conditions.** DSI's equipment is designed to operate under conditions normally encountered in the well bore. Customer shall notify DSI in advance and make special arrangements for servicing wells in which hazardous or unusual conditions exist.

B. **Chemicals.** The handling and disposal of any chemical, waste or by-product used or generated in the performance of these Terms and Conditions ("Chemicals") is the sole responsibility of Customer, who shall, under all circumstances, be considered the owner and generator thereof. Customer agrees that any such Chemicals will be transported and disposed of in accordance with all applicable federal, state and local laws and regulations. Customer hereby waives, releases and agrees not to assert any claim or bring any cost recovery action against DSI in connection with the use, generation, storage, transportation or disposal of Chemicals arising out of these Terms and Conditions, under any common law theories or federal, state or local environmental laws or regulations, now existing or hereinafter enacted, without regard to the cause or causes thereof or the negligence of any party.

7. **Limited Warranty-Oilfield Products.** DSI expressly warrants that it shall convey good title to the oilfield products furnished to Customer as part of the services and that such oilfield products shall conform to the specifications represented in the service order. DSI does not warrant in any way oilfield products not manufactured by DSI, and such will be sold or provided hereunder only with the warranties that are given by the manufacturer thereof. DSI MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE OILFIELD PRODUCTS, INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR THAT SAID OILFIELD PRODUCTS SHALL BE FIT FOR ANY PARTICULAR PURPOSE. DSI's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, or breach of warranty or otherwise) arising out of the sale or use of an oilfield product furnished by DSI for use in connection with its services, is expressly limited to (a) the replacement of such oilfield product upon its return to DSI or, at DSI's option, (b) the allowance to Customer of credit for cost of such oilfield product.

8. **Exclusion of Warranty - Services.** In interpreting information and making recommendations, either written or oral, as to types or amounts of materials or services to be furnished, or manner of performance, or in predicting results to be obtained therefrom, DSI will give Customer the benefit of its best judgment based on its experience. Nevertheless, all such recommendations or predictions are opinions only; and, in view of the impracticability of obtaining first-hand knowledge of the many variable conditions and/or the necessity of relying on facts and supporting services furnished by others, NO WARRANTY IS GIVEN CONCERNING THE EFFECTIVENESS OF THE MATERIALS USED, RECOMMENDATIONS GIVEN, OR THE RESULTS OF THE SERVICES RENDERED.

9. **Data Interpretation and Transmission.** Any interpretation of test or other data, and any recommendation or reservoir description based upon such interpretations, are opinions based upon inferences from measurements and empirical relationships and assumptions, which inferences and assumptions are not infallible, and with respect to which professional engineers and analysts may differ. ACCORDINGLY, DSI CANNOT AND DOES NOT WARRANT THE ACCURACY, CORRECTNESS OR COMPLETENESS OF ANY SUCH INTERPRETATION OR RECOMMENDATION. DSI does not warrant the accuracy of data transmitted by electronic processes and will not be responsible for accidental or intentional interception of such data by others. DSI does not guarantee the safe storage or the length of time of storage of any digital tapes, optical logs or prints, transparencies, or other similar products or material.

10. **Indemnity.** For the purposes of this paragraph 10 the following definitions shall apply: "DSI Group" shall mean DSI its parent, subsidiary and affiliated companies, its contractors and subcontractors and all such entities' officers, directors, employees and invitees, and "Customer Group" shall mean Customer, its parent, subsidiary and affiliated companies, its contractors and subcontractors (other than the DSI Group) and all such entities' officers, directors, employees and invitees.

A. **DSI Indemnity.** DSI assumes all liability for, and hereby agrees to protect, defend, indemnify and hold Customer Group and their insurers harmless from and against all damage, loss, liability, claims, demands and causes of action of every kind and character, (including all costs and expenses thereof and reasonable attorney's fees) without regard to the cause or causes thereof, the unseaworthiness of any vessel, strict liability or the negligence of any party, whether such negligence be the sole, concurrent, active or passive negligence of Customer Group, arising in connection herewith, on account of bodily injury and/or death to a member of the DSI Group and/or damage to the DSI Group's property (except with respect to DSI property as otherwise provided in subparagraph B2 of this paragraph 10).

B. **Customer Indemnity.** Customer assumes all liability for, and hereby agrees to protect, defend, indemnify and hold the DSI Group and their insurers harmless from and against all damage, loss, liability, claims, demands and causes of action of every kind and character, (including all costs and expenses thereof and reasonable attorney's fees) without regard to the cause or causes thereof, the unseaworthiness of any vessel, strict liability or the negligence of any party, whether such negligence be the sole, concurrent, active or passive negligence of DSI Group, arising in connection herewith;

2. in favor of DSI Group on account of loss of or damage to DSI property, equipment, materials or products, including but not limited to, fishing expenses, when such loss or damage occurs: (a) in the hole, (b) as a result of uncontrolled well conditions, (c) while in transit or being moved on any form of transportation owned or furnished by Customer, (d) while located at the well site when DSI personnel are not present or (e) while being used by any person other than a DSI employee, whether in an emergency or otherwise. With respect hereto the property, equipment, materials and products will be valued at their respective landed replacement cost. With respect to (a) above, rental charges on the equipment lost or damaged in the hole shall continue to be paid up to and including the date on which DSI receives notice in writing of the loss or damage.

C. **Special Indemnity.** Customer further agrees to protect, defend, indemnify, and hold DSI Group and their insurers harmless from and against all loss, liability, claims, demands and causes of action (including all costs and expenses thereof and reasonable attorney's fees) of every kind and character, without regard to the cause or causes thereof, the unseaworthiness of any vessel, strict liability or the negligence of any party, whether such negligence be the sole, concurrent, active or passive negligence (but excluding the gross negligence) of DSI Group, arising in connection herewith in favor of Customer Group or any third party for: (1) property damage or loss that results from blow-out or cratering; (2) property damage or loss that results from pollution and contamination, whether caused by Customer's failure to properly handle, transport or dispose of any Chemicals as required by paragraph 6B hereof or otherwise, including containment, clean-up and remediation of the pollutant and contamination, whether or not required by any applicable federal, state or local law or regulation; (3) property damage or loss that results from reservoir or underground damage, including loss of oil, gas, other mineral substance, or water or the well bore itself, surface damage arising from subsurface damage or subsea damage; (4) personal injury, death, or property damage or loss that results from work performed to control a wild well; (5) cost of control of a wild well, underground or above the surface, including any redrilling or reworking costs; (6) damage to property owned by, in the possession of, or leased by Customer, and/or well owner, if different from Customer, (the term "well owner" shall include working and royalty interest owners) (i.e., any drilling, rig platform or other structure at the wellsite); or (7) subsurface trespass or any action in the nature thereof.

To the extent this paragraph 10C conflicts with the provisions of paragraph 10A hereof, paragraph 10C shall control. The indemnification provided herein shall not operate to increase any standard of responsibility limited by other provisions of these General Terms and Conditions.

D. **Notices.** Each party agrees to immediately notify the other party of any claim, demand, or suit presented to or served upon it by any person or entity in connection with the performance of this Agreement. The party seeking indemnification shall afford the other party full opportunity to assume the defense of such claim, demand, or suit and to protect itself under the obligations of this paragraph.

E. **Incidental or Consequential Damages.** It is expressly agreed that neither party shall be liable to the other for any punitive, incidental, consequential, indirect or special damages, not for any loss of profits or business interruptions or loss of use.

11. **Insurance.** Customer's and DSI's indemnity obligations under paragraph 10 hereof shall be supported by adequate liability insurance coverage, or self-insurance (if it meets the requirements set forth below) furnished by each party at such party's cost with contractual indemnity endorsements. The amounts of insurance required from each party hereunder shall be equal; each party's indemnity obligations shall be limited to the highest amount of insurance coverage mutually carried by both parties hereunder.

In the event either party maintains a plan(s) of self-insurance to insure any part of the risks otherwise covered by the insurances required hereunder, such plan of self-insurance shall not satisfy the requirements of this paragraph unless an authorized representative of the party not requesting to be self-insured expressly consents in writing to the requesting party's use of such plan(s) of insurance. If it is judicially determined that the insurance required under this paragraph or the indemnity obligations voluntarily assumed under paragraph 10 hereof and supported either by available liability insurance or voluntarily self-insured, in part or whole, exceeds the maximum amounts of insurance or indemnity permitted under applicable law, it is agreed that said insurance requirements or indemnity shall automatically be amended to conform to the maximum amounts permitted under applicable law.

12. **Force Majeure.** DSI shall not be liable for any delay or non-performance due to governmental regulation, labor disputes, hostile action, weather, fire, acts of God or any other causes beyond the reasonable control of DSI.

13. **Dispute Resolution.** If this Service Order is issued in conjunction with an executed DSI Master Service Agreement-Oilfield Services then all controversies shall be resolved as set forth therein. In the absence of such agreement DSI and Customer shall settle all disputes and claims arising out of these General Terms and Conditions under the Commercial Rules of the American Arbitration Association, as then in force, by one or more arbitrators appointed in accordance with said rules. The place of arbitration shall be Houston, Texas. Any award or determination of the arbitration tribunal shall be final and conclusive, judgment thereon may be entered in any court of competent jurisdiction and no appeal thereof shall be made by the parties.

14. **Governing Law.** These General Terms and Conditions shall be governed by the law of the state where the services are performed or equipment furnished; however, where services are performed or equipment furnished offshore or on navigable waters, the Federal Maritime Laws will govern.

1. on account of bodily injury and/or death to a member of the Customer Group and/or damage to the Customer Group's property.

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER

DATE 09-28-94

STAGE 1

DS

DISTRICT

ULYSSES, KS.

DS-496A PRINTED IN U.S.A.

WELL NAME AND NO. PARKER ESTATE #6.7	LOCATION (LEGAL) SEC 33-34S-36W	RIG NAME: Cheyenne #4
FIELD-POOL HINGTON	FORMATION	WELL DATA:
COUNTY/PARISH STEVENS	STATE KANSAS	API NO.
NAME Mobil Oil	ADDRESS	ADDRESS
ADDRESS	ZIP CODE	ZIP CODE

BIT SIZE 12 1/4"	CSG/Liner Size 8 7/8"	BOTTOM	TOP
TOTAL DEPTH	WEIGHT	770.98	
<input type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE	770.98	
MUD TYPE WB	GRADE		
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD	8rd	
MUD DENSITY 9	LESS FOOTAGE SHOE JOINT(S)	38.84 + 1' shoe	TOTAL 730.74
MUD VISC.	Disp. Capacity	730.74	

ORIGINAL

SPECIAL INSTRUCTIONS

SAFELY CEMENT 770 FT OF 8 7/8" OF CASING WITH 200 SXS OF LEAD AND 175 SXS OF TAIL CEMENT AS DIRECTED BY CUSTOMER.

IS CASING/TUBING SECURED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	NOTE: Include Footage From Ground Level To Head In Disp. Capacity
LIFT PRESSURE 277 PSI	CASING WEIGHT + SURFACE AREA (3.14 x R <sup>2</sup> ) CMT
PRESSURE LIMIT PSI	BUMP PLUG TO 200' LIFT PSI
ROTATE 0 RPM	RECIPROCATATE 8 FT No. of Centralizers

JOB SCHEDULED FOR TIME: ASAP DATE: 9/28/94	ARRIVE ON LOCATION TIME: 23:45 DATE: 9/28/94	LEFT LOCATION TIME: 06:45 DATE: 9/28/94
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TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION			LEFT LOCATION		
	TBG OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	TIME	DATE	TIME	DATE	TIME	DATE
05:18		1400											
05:23		100	25	-	5.9	H <sub>2</sub> O	8.34						
05:28		140	78	25	5.9	CMT	12.2						
05:41		150	37	103	4	CMT	14.8						
05:52		8		140									
05:54		8	46.5	140	6	H <sub>2</sub> O	8.34						
06:00		150		176.5	2	H <sub>2</sub> O	8.34						
06:05		710		186.5									
06:05													

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS					SLURRY MIXED		
								BBLs	DENSITY	
1.	200	2.2	50/50	C/P62	+ 6% D20	+ 5% DAA (BUBB)	+ 1/4 #/SK	D29	78.36	12.2
2.	175	1.2	50/50	C/P62	+ 0.75% D20	+ 2% SA	+ 1/4 #/SK	D29	37.40	14.8
3.										
4.										
5.										
6.										

BREAKDOWN FLUID TYPE N/A	VOLUME N/A	DENSITY N/A	PRESSURE 710	MAX. MIN:
<input type="checkbox"/> HESITATION SQ.	<input type="checkbox"/> RUNNING SQ.	CIRCULATION LOST	<input type="checkbox"/> YES <input type="checkbox"/> NO	Cement Circulated To Surf. <input type="checkbox"/> YES <input type="checkbox"/> NO
BREAKDOWN PSI FINAL	PSI	DISPLACEMENT VOL.	46.5 Bbls	TYPE OF WELL <input type="checkbox"/> OIL <input type="checkbox"/> GAS
Washed Thru Perfs <input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT <input checked="" type="checkbox"/>	<input type="checkbox"/> STORAGE <input type="checkbox"/> INJECTION <input type="checkbox"/> BRINE WATER <input type="checkbox"/> WILDCAT
PERFORATIONS TO TO	TO TO	CUSTOMER REPRESENTATIVE	DS SUPERVISOR	
		MR. JOE DAVIS	MR. DAVID R. SARVER	