

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

API NO. 15- 189-21635 <sup>-00-00</sup> ORIGINAL  
County Stevens  
- SE - NW - NW Sec. 19 Twp. 34S Rge. 37 X W  
4039.58 FSL Feet from S/N (circle one) Line of Section  
3997.05 FEL Feet from E/W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)  
Lease Name Bovie Unit Well # 3  
Field Name Hugoton  
Producing Formation Chase  
Elevation: Ground 3173.8 KB 3185  
Total Depth 2985 PBDT 2930  
Amount of Surface Pipe Set and Cemented at 759 Feet  
Multiple Stage Cementing Collar Used? Yes X No  
If yes, show depth set NA Feet  
If Alternate II completion, cement circulated from NA  
feet depth to NA w/ NA sx cmt.

Operator: License # 5208  
Name: Mobil Oil Corporation  
Address P.O. Box 2173  
2319 North Kansas Avenue  
City/State/Zip Liberal, KS 67905-2173  
Purchaser: Spot Market  
Operator Contact Person: Sharon Cook  
Phone (316) 626-1142  
Contractor: Name: Cheyenne Drilling  
License: 5382  
Wellsite Geologist: L. J. Reimer

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

If Workover:  
Operator: KANSAS CORPORATION COMMISSION  
Well Name: AUG 05 1994  
Comp. Date Old Total Depth  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  WICHITA KS  
 Commingled  Docket No.   
 Dual Completion  Docket No.   
 Other (SWD or Inj?)  Docket No.   
6-7-94 6-10-94 6-30-94  
Spud Date Date Reached TD Completion Date

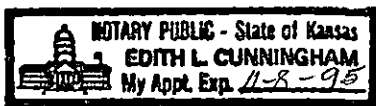
Drilling Fluid Management Plan ALT 1 9 2 1-10-905  
(Data must be collected from the Reserve Pit)  
Chloride content 5000 ppm Fluid volume 250 bbls  
Dewatering method used Waste Minimization Mud System  
Location of fluid disposal if hauled offsite:  
Operator Name Mobil Oil Corporation  
Lease Name Hill #3 SWDW License No. 5208  
SW Quarter Sec. 3 Twp. 33 S Rng. 37W E/W  
County Stevens Docket No. CD-117710

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 8-1-94  
Subscribed and sworn to before me this 3 day of August,  
19 94.  
Notary Public Edith L. Cunningham  
Date Commission Expires November 8, 1995

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)



**SIDE TWO**

Operator Name Mobil Oil Corporation Lease Name Bovie Unit Well # 3  
 Sec. 19 Twp. 34S Rge. 37W  East County Stevens  
 West

**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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.) List All E.Logs Run: Dual Induction Focused Log - Gamma Ray Z-Densilog Compensated Neutron Spectralog	<input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample <b>Formation (Top), Depth and Datums</b> <table border="0" style="width:100%"> <tr> <td style="width:60%">Name</td> <td style="width:20%">Top</td> <td style="width:20%">Datum</td> </tr> <tr> <td>Glorietta</td> <td>1225</td> <td>1400</td> </tr> <tr> <td>Stone Corral</td> <td>1710</td> <td>1785</td> </tr> <tr> <td>Chase</td> <td>2635</td> <td>--</td> </tr> <tr> <td>Council Grove</td> <td></td> <td></td> </tr> </table>	Name	Top	Datum	Glorietta	1225	1400	Stone Corral	1710	1785	Chase	2635	--	Council Grove		
Name	Top	Datum														
Glorietta	1225	1400														
Stone Corral	1710	1785														
Chase	2635	--														
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#	759	Dowell Dowell	250 sx 200 sx	3% CACL2 3% CACL2
Production Casing	7.875	5.500	14#	2974	Dowell Dowell	300 sx 150 sx	Class C Class C

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	2638-2657      2760-2790	Acid: 1,500 gals 7.5% HCL	
	2671-2696      2800-2815	Frac'd: 32,000 gals Crosslink Gel 83,000 lbs 12/20 Brady Sand	
	2705-2740      2825-2860		
	2746-2756		

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Inj. 7-8-94		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	Mcf	Water	Bbls.	Gas-Oil Ratio      Gravity
			460				

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

Vented     Sold     Used on Lease       Open Hole     Perf.     Dually Comp.     Commingled    2638  
 (If vented, submit ACO-18.)       Other (Specify) \_\_\_\_\_      2860

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER

DATE

PAGE

DS

DISTRICT

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

WELL NAME AND NO.

LOCATION (LEGAL)

RIG NAME:

Bowie Unit #3

Sec. 19-34s-37a

Cheyenne #4

FIELD-POOL

FORMATION

WELL DATA: BIT SIZE 2 7/8 CSG/Liner Size 8 1/2

COUNTY/PARISH

STATE

API. NO.

Stephens

Ks

TOTAL DEPTH 24

WEIGHT 24

ROT CABLE FOOTAGE 263.75

MUD TYPE GRADE JSS

BHST BHCT THREAD Red

MUD DENSITY LESS FOOTAGE SHOE JOINT(S) 4.3

MUD VISC. Disp. Capacity 45.9

NAME Mobil

ORIGINAL

AND

ADDRESS

RECEIVED

KANSAS CORPORATION COMMISSION

SPECIAL INSTRUCTIONS

AUG 05 1994

CONSERVATION DIVISION WICHITA, KS

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE 314 PSI CASING WEIGHT ÷ SURFACE AREA (3.14 x R<sup>2</sup>)

PRESSURE LIMIT 500 PSI BUMP PLUG TO 890 PSI

ROTATE RPM RECIPROCATE FT No. of Centralizers 4

Float	TYPE	OFFICE; 400T VALVE	Stage Tool	TYPE	
	DEPTH	720.85		DEPTH	
SHOE	TYPE	1MT Nose	Stage Tool	TYPE	
	DEPTH	763.95		DEPTH	

Head & Plugs	<input type="checkbox"/> TBG <input type="checkbox"/> D.P.	SQUEEZE JOB	
<input type="checkbox"/> Double	SIZE	TOOL	TYPE
<input checked="" type="checkbox"/> Single	<input type="checkbox"/> WEIGHT	DEPTH	
<input type="checkbox"/> Swage	<input type="checkbox"/> GRADE	TAIL PIPE: SIZE	DEPTH
<input type="checkbox"/> Knockoff	<input type="checkbox"/> THREAD	TUBING VOLUME	Bbls
TOP <input type="checkbox"/> R <input type="checkbox"/> W	<input type="checkbox"/> NEW <input type="checkbox"/> USED	CASING VOL. BELOW TOOL	Bbls
BOT <input type="checkbox"/> R <input type="checkbox"/> W	DEPTH	TOTAL	Bbls
		ANNUAL VOLUME	Bbls

TIME	PRESSURE	VOLUME PUMPED BBL	JOB SCHEDULED FOR TIME	DATE	ARRIVE ON LOCATION TIME	DATE	LEFT LOCATION TIME	DATE
0001 to 2400	TBG OR D.P. CASING	INCREMENT CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL		

0224	0	20	5.8	H2O		start H2O ahead
0227	140	93	5.7	cmf	17.2	start lead cmf.
0238	190	64	5.7	cmf	17.2	psi check
0243	180	47	5.7	cmf	14.8	start tail cmf.
0244	240	10	5.7	cmf	14.8	psi check
0251	0					shut down drop top plug
0252	0	46	5.5	H2O		start displacement
0255	110	10	5.5	H2O		psi check
0257	150	20	5			" "
0259	250	30	5			" "
0300	260	35	2			lower rate
0304	240	45	2			psi check
0304	890	46	2			bump top plug
0305						bleed psi off check float + holding end job

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS			SLURRY MIXED		
						BBLs	DENSITY	
1.	250	2.10	65% class C	6% agol	3% crack	4% D29	93.5	12.2
2.								
3.	200	1.32	class C	3% crack	4% D29		47	14.8
4.								
5.								
6.								

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX.	MIN.
<input type="checkbox"/> HESITATION SQ.	<input type="checkbox"/> RUNNING SQ.	CIRCULATION LOST	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Cement Circulated To Surf.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
BREAKDOWN	PSI FINAL	PSI	DISPLACEMENT VOL.	45.9 Bbls	
Washed Thru Perfs	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	TO FT.	MEASURED DISPLACEMENT	<input type="checkbox"/> WIRELINE	
PERFORATIONS	TO TO	TO TO	CUSTOMER REPRESENTATIVE	DS SUPERVISOR	
			MIKO MARES	JAMES ESQUIVEL	

**DOWELL SCHLUMBERGER INCORPORATED**  
 P.O. BOX 4378 HOUSTON, TEXAS 77210

CUSTOMER

**OILFIELD SERVICES**

DSI SERVICE ORDER  
 RECEIPT AND INVOICE NO.  
 03-12-

CUSTOMER NUMBER

CUSTOMER P.O. NUMBER

DSI SERVICE LOCATION NAME AND NUMBER  
 Ulysses, TX 03-12

TYPE SERVICE CODE  
 271

BUSINESS CODES

CUSTOMER'S  
 NAME  
 Mobil Oil

**ORIGINAL**

ADDRESS

WORKOVER  
 NEW WELL  
 OTHER

W  
 N

API OR IC NUMBER

CITY, STATE AND  
 ZIP CODE

**RECEIVED**

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.

KANSAS CORPORATION COMMISSION

CONSERVATION DIVISION  
 WICHITA, KS

IMPORTANT  
 SEE OTHER SIDE FOR TERMS & CONDITIONS  
 ARRIVE LOCATION MO. DAY YR. TIME  
 6 7 94 2200

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  
 Mike Mann

JOB COMPLETION MO. DAY YR. TIME  
 6 8 94 0300

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  
 Mike Mann

STATE CODE COUNTY/PARISH CODE CITY  
 KS 15 Stevens 189

WELL NAME AND NUMBER / JOB SITE  
 Rovie unit #3

LOCATION AND POOL / PLANT ADDRESS  
 Sec. 19-34-374

SHIPPED VIA  
 Dowell

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
059200-002	mileage	mi.	20	2.80	56.00
059697-000	PAIR chg	EA	1	150.00	150.00
102871-010	PUMP chg	EA	1	790.00	790.00
049102-000	HAULING	100/MI.	432	.94	406.08
049100-000	service chg	EA	496	1.28	634.88
040003-006	D 903 class	SK	363	8.70	3158.10
045008-000	D35 Nitro	SK	87	4.22	367.14
045014-056	D70 gol	SK	1305	.16	208.80
067005-100	calk	EA	1217	.39	474.63
044003-025	D29 cellophane Flakes	EA	63	1.70	107.10
048501-085	wooden plug	EA	1	102.00	102.00
				ALT 1	894 1-10-94
					4260.13

**SERVICES ORDER RECEIPT**

Thanks For using Dowell

Field esti. # 6454.73

SUB TOTAL

LICENSE/REIMBURSEMENT FEE

LICENSE/REIMBURSEMENT FEE

REMARKS:

STATE

% TAX ON \$

COUNTY

% TAX ON \$

CITY

% TAX ON \$

SIGNATURE OF DSI REPRESENTATIVE

Jam Esquivel

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 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.

# DOWELL SCHLUMBERGER INCORPORATED

P.O. BOX 4378 HOUSTON, TEXAS 77210

CUSTOMER

## OILFIELD SERVICES

DSI SERVICE ORDER  
RECEIPT AND INVOICE NO.

03-12-

DSI SERVICE LOCATION NAME AND NUMBER

ULYSSES, KANSAS 03-12

CUSTOMER NUMBER

CUSTOMER P.O. NUMBER

TYPE SERVICE CODE

285 Prod. Csg.

BUSINESS CODES

CUSTOMER'S  
NAME

MOBIL OIL

ORIGINAL

ADDRESS

CITY, STATE AND  
ZIP CODE

WORKOVER  W  
NEW WELL  N  
OTHER

API OR IC NUMBER

IMPORTANT  
SEE OTHER SIDE FOR TERMS & CONDITIONS

ARRIVE LOCATION	MO.	DAY	YR.	TIME
	06	10	94	19:30

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 Dennis [Signature]

JOB COMPLETION	MO.	DAY	YR.	TIME
	06	10	94	22:45

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 Dennis [Signature]

STATE CODE COUNTY / PARISH CODE CITY

KANSAS

CODE

STEVENS

CODE

CITY

WELL NAME AND NUMBER / JOB SITE

BOULE UNIT # 3

LOCATION AND POOL / PLANT ADDRESS

SEC. 19-345-37W

SHIPPED VIA

DOWELL

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
<b>MATERIAL</b>					
040003 000	D903 CLASS C CEMENT	CFT	450	8.70	3915.00
045041 100	D79 CHEMICAL EXTENDER	lb.	816	1.38	1127.48
067005 100	S1 CALCIUM CHLORIDE	lb.	282	0.39	109.98
047002 050	D46 ANTIFORM AGENT	lb.	87	3.27	284.49
044003 025	D29 CELLOPHANE FLAKE	lb.	76	1.70	129.20
044002 050	D60 ELAC	lb.	84	8.27	694.68
047007 050	D65 TIC DISPERSANT	lb.	29	5.02	145.58
103368 050	B28 EXPANDING MATERIAL	lb.	282	3.21	905.22
<b>EQUIPMENT / CASING HARDWARE</b>					
056702 054	5 1/2" TOP PLUG	EA	1	72.00	72.00
<b>SERVICES</b>					
059697 000	PAUL RECORDER	EA	1	150.00	150.00
102871 030	CEMENT PUMPER	EA	1	1310.00	1310.00
049102 000	DELIVERY CHARGE	TM	990	0.94	930.60
049100 000	SERVICE CHARGE	CFT	467	1.28	597.76
059200 002	MILEAGE KANSAS CORPORATION COMMISSION	EA	45	2.80	126.00

AUG 05 1994

CONSERVATION DIVISION

WICHITA, KS

Field Estimate w/o Discount \$ ~~7014.49~~ 10,537.99

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. Lawer

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 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 storage of 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 insurance 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.

CEMENTING SERVICE REPORT



DOWELL SCHLUMBERGER INCORPORATED

TRAILER NUMBER 12	DATE 6/10/94
STAGE 1	DS ULYSSES, KANSAS

DS-496 PRINTED IN U.S.A.

WELL NAME AND NO. **BOULE UNIT #3** LOCATION (LEGAL) **SEC. 19-34S-37W**

FIELD-POOL \_\_\_\_\_ FORMATION \_\_\_\_\_

COUNTY/PARISH **STEUBENS** STATE **KANSAS** API. NO. \_\_\_\_\_

NAME **Mobil Oil** ADDRESS \_\_\_\_\_

SPECIAL INSTRUCTIONS \_\_\_\_\_

IS CASING/TUBING SECURED?  YES  NO

LIFT PRESSURE **1929** PSI CASING WEIGHT - SURFACE AREA (3.14 x R<sup>2</sup>) \_\_\_\_\_

ROTATE  RPM  RECIPROCATE  FT No. of Centralizers \_\_\_\_\_

RIG NAME: **Cheyenne Rig #4**

WELL DATA:	BOTTOM	TOP
BIT SIZE <b>7 7/8"</b>	CSG/Liner Size <b>5 1/2"</b>	
TOTAL DEPTH <b>2974</b>	WEIGHT <b>15.5#</b>	
<input type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE <b>2974</b>	
MUD TYPE <b>WB</b>	GRADE	
<input checked="" type="checkbox"/> BHST <input type="checkbox"/> BHCT <b>110°F</b>	THREAD <b>8rd</b>	
MUD DENSITY <b>9</b>	LESS FOOTAGE SHOE JOINT(S) <b>44.14</b>	TOTAL <b>2929.86</b>
MUD VISC.	Disp. Capacity <b>2929.86</b>	

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

Float	TYPE <b>INSERT</b>	DEPTH <b>2929.86'</b>	Stage Tool	TYPE	DEPTH
SHOE	TYPE <b>GUIDE SHOE</b>	DEPTH <b>2974'</b>		TYPE	DEPTH

Head & Plugs  TBG  D.P.  SQUEEZE JOB

<input type="checkbox"/> Double	SIZE	TOOL	TYPE
<input checked="" type="checkbox"/> Single	WEIGHT	DEPTH	
<input type="checkbox"/> Swage	GRADE	TAIL PIPE: SIZE	DEPTH
<input type="checkbox"/> Knockoff	THREAD	TUBING VOLUME	Bbbs
TOP <input type="checkbox"/> W <input type="checkbox"/> NEW <input type="checkbox"/> USED	CASING VOL. BELOW TOOL		Bbbs
BOT <input type="checkbox"/> W <input type="checkbox"/> DEPTH	TOTAL		Bbbs
	ANNUAL VOLUME		Bbbs

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME: 19:30	DATE: 6/10/94	TIME: 19:30	DATE: 6/10/94	TIME: 23:15	DATE: 6/10/94	
0001 to 2400											
21:30											PRE-JOB SAFETY MEETING
21:30		2200									START JOB
21:36		0	20	-	10	H2O	8.33				Pressure TEST LINES. TEST OK.
21:40		300	144	20	5.5	CMT	11.5				START Pumping H2O ahead
22:05		80	39	144	5.5	CMT	14.8				START Pumping LEAD slurry
22:23				203							START Pumping TAIL slurry
22:24			69	203	5.5						SHUTDOWN DROP PLUG
22:40				262	2						START DISPLACEMENT
22:45		1300		272							LOWER RATE
											Bump TOP PLUG
											Plug Heat
											Release Dowell

**RECEIVED**  
KANSAS CORPORATION COMMISSION  
AUG 05 1994  
CONSERVATION DIVISION  
WICHITA, KS

REMARKS \_\_\_\_\_

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBLs	DENSITY
1.	300	2.70	CLASS C + 3% D79 + 0.2% D46 + 1/4 #/SK D29				144.26	11.5
2.	150	1.47	CLASS C + 2% B-28 + 2% S1 + 0.6% D60 + 0.2% D65				39.27	14.8
3.			+ 0.2% D46					
4.								
5.								
6.								

BREAKDOWN FLUID TYPE **NA** VOLUME **NA** DENSITY **NA** PRESSURE **1300** MAX. MIN. **TEST**

HESITATION SQ.  RUNNING SQ. CIRCULATION LOST  YES  NO Cement Circulated To Surf.  YES  NO Bbbs.

BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. **69.73** Bbbs TYPE OF WELL  OIL  STORAGE  BRINE WATER  WILD/CAT

Washed Thru Perfs  YES  NO TO FT. MEASURED DISPLACEMENT  WIRELINE

PERFORATIONS TO TO CUSTOMER REPRESENTATIVE **MR. Mike Mallis** DS SUPERVISOR **DAVID R. SARVER**