

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- 189-21707-00-00

County Stevens  
- SW - NE - SE Sec. 26 Twp. 34S Rge. 37W E  
X W

Operator: License # 5208

1370 Feet from S/N (circle one) Line of Section  
1250 Feet from E/W (circle one) Line of Section

Name: Mobil Oil Corporation

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

Address P.O. Box 2173

2319 North Kansas Avenue

Lease Name Ridpath #1 Unit Well # 3

City/State/Zip Liberal, KS 67905-2173

Field Name Hugoton

Purchaser: Spot Market

Producing Formation Chase

Operator Contact Person: Sharon Cook

Elevation: Ground 3115 KB 3126

Phone (316) 626-1142

Total Depth 3012 PBTD 2949

Contractor: Name: Cheyenne Drilling

Amount of Surface Pipe Set and Cemented at 713 Feet

License: 5382

Multiple Stage Cementing Collar Used? Yes X No

Wellsite Geologist: L. J. Reimer

If yes, show depth set NA Feet

Designate Type of Completion

If Alternate II completion, cement circulated from NA

X New Well      Re-Entry      Workover

feet depth to NA w/ NA sx cmt.

     Oil      SWD      SLOW      Temp. Abd.

X Gas      ENHR      SIGW

     Dry      Other (Core, WSW, Expl., Cathodic, etc)

Drilling Fluid Management Plan ALT 1 8/21 1-30-95  
(Data must be collected from the Reserve PVT)

If Workovers:

Chloride content 13,200 ppm Fluid volume 390 bbls

Operator:     

Dewatering method used Waste Minimization Mud System

Well Name:     

Location of fluid disposal if hauled offsite:

Comp. Date      Old Total Depth     

     Deepening      Re-perf.      Conv. to Inj/SWD

     Plug Back      PBTD

     Commingled      Docket No.     

     Dual Completion      Docket No.     

     Other (SWD or Inj?)      Docket No.     

Operator Name Mobil Oil Corporation

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

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

County Stevens Docket No. D-19,411

7-17-94 7-20-94 8-8-94

Spud Date Date Reached TD Completion Date

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  
STATE CORPORATION COMMISSION  
Sharon A. Cook

Title Regulatory Assistant  
Date SEP 18 1994

Subscribed and sworn to before me this 13<sup>th</sup> day of September 19 94.

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)



PI

Operator Name Mobil Oil Corporation Lease Name Ridpath #1 Unit Well # 3  
 Sec. 26 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  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 Focused Log - Gamma Ray Caliper  
 Z-Densilog Compensated Neutron Spectralog  
 Caliper Log Gamma Ray

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Name	Top	Datum
Glorietta	1204	1371
Stone Corral	1697	1759
Chase	2660	--
Council Grove		

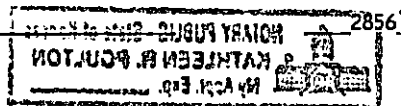
CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface Casing	12.250	8.625	24#	713 <del>318</del>	Dowell Dowell	200 sx 175 sx	50/50 C/Poz 50/50 C/Poz
Production Casing	7.875	5.500	14#	2949	Dowell Dowell	250 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	2726-2756	Acid: 1,000 gals 7.5% HCL	
	2778-2812	Frac'd: 27,000 gals Crosslink gel (20#) 85,000 lbs 10/20 Sand	
	2820-2830		
	2836-2856		

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. 8-6-94		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 361 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 2726  
 Other (Specify) \_\_\_\_\_



CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER 03-12-6312 DATE 7-17-94  
 AGE DS DISTRICT W14553 K9

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

WELL NAME AND NO. **PIP PATH UNIT # 231-3** LOCATION (LEGAL) **SEC 26-34S-37W** RIG NAME: **CLAYENNE #4**  
 FIELD-POOL \_\_\_\_\_ FORMATION \_\_\_\_\_ WELL DATA: BOTTOM TOP  
 BIT SIZE **12 1/4** CSG/Liner Size **8 1/8**  
 TOTAL DEPTH \_\_\_\_\_ WEIGHT **24 #**  
 COUNTY/PARISH **STEFENS** STATE **KANSAS** API NO. \_\_\_\_\_  
 ROT  CABLE FOOTAGE **723.77**  
 MUD TYPE **WTUL** GRADE \_\_\_\_\_  
 BHST  BHCT THREAD **8.25**  
 MUD DENSITY \_\_\_\_\_ LESS FOOTAGE SHOE JOINT(S) **39.75** TOTAL \_\_\_\_\_  
 MUD VISC. \_\_\_\_\_ Disp. Capacity **684.22** TOTAL **43.58**

NAME **MOBIL OIL CORPORATION**  
 AND \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 ZIP CODE \_\_\_\_\_

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

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

SHOE	Floor	TYPE	DEPTH	Stage Tool	TYPE	DEPTH
		<b>D. INSERT</b>	<b>684.22</b>			
		<b>CHIT CPT-66</b>	<b>723.77</b>			

Head & Plugs  TBG  D.P. SQUEEZE JOB  
 Double  WEIGHT  GRADE  THREAD  
 Single  GRADE  THREAD  
 Swage  GRADE  THREAD  
 Knockoff  NEW  USED  
 BOT  OR  CW DEPTH \_\_\_\_\_

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

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:
0001 to 2400											
1703	150	20			4	WTUL	8.32				
1708	230	78	20		6	CHIT	12.2				
1717	210	37	98		6	CHIT	14.8				
1723	-	-		135	-						
1726	-	-		135	-						
1726			43.58	135	3	WTUL	8.3				
1730	100			11	4						
1736	250			75	2						
1740	220			43	2						
1747	780			43	-						
1744	-			43	-						
1745	700										

REMARKS \_\_\_\_\_

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
			50/50	9/02	2% D20	WTUL	BBL	DENSITY
1.	200	2.2	50/50	9/02	+ 6% D20	WTUL	78	12.2
2.	175	1.20	50/50	9/02	+ 2% D20	WTUL	37	14.8
3.								
4.								
5.								
6.								

CONSERVATION DIVISION  
 WICHITA, KANSAS

BREAKDOWN FLUID TYPE \_\_\_\_\_ VOLUME \_\_\_\_\_ DENSITY \_\_\_\_\_ PRESSURE \_\_\_\_\_ MAX. **780** MIN: **825**  
 HESITATION SQ.  RUNNING SQ. CIRCULATION LOST  YES  NO Cement Circulated To Surf.  YES  NO **32** Bbls.  
 BREAKDOWN \_\_\_\_\_ PSI FINAL \_\_\_\_\_ PSI DISPLACEMENT VOL. **43** Bbls  
 Washed Thru Perfs  YES  NO TO \_\_\_\_\_ FT. MEASURED DISPLACEMENT  WIRELINE  OIL  STORAGE  BRINE WATER  
 GAS  INJECTION  WILDCAT  
 PERFORATIONS \_\_\_\_\_ CUSTOMER REPRESENTATIVE \_\_\_\_\_ DS SUPERVISOR \_\_\_\_\_

# DOWELL SCHLUMBERGER INCORPORATED

P.O. BOX 4378 HOUSTON, TEXAS 77210

CUSTOMER

## OILFIELD SERVICES

DSI SERVICE ORDER  
RECEIPT AND INVOICE NO.

03-12-6312

DSI SERVICE LOCATION NAME AND NUMBER

OLYSSAES KS 03-12

CUSTOMER NUMBER

CUSTOMER P.O. NUMBER

TYPE SERVICE CODE

BUSINESS CODES

WORKOVER  W  
NEW WELL  N  
OTHER  O

API OR IC NUMBER

CUSTOMER'S  
NAME  
ADDRESS

Mobil Oil Corporation

CITY, STATE AND  
ZIP CODE

ORIGINAL

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 MO. DAY YR. TIME

7 17 94 1745

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]*

STATE CODE COUNTY / PARISH CODE CITY

KANSAS STEUBENS

WELL NAME AND NUMBER / JOB SITE

Riddell Unit # 33

LOCATION AND POOL / PLANT ADDRESS

Sec 20-34S-37W

SHIPPED VIA

DOWELL

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	IS AMOUNT
102871-010	Pump Chg	EA	1	840.00	840.00
059697-000	Pack	EA	1	159.00	159.00
049100-000	Service Chg	EA	413	136.13	564.40
049102-000	DELIVERY Chg 34,048"	Tu/m	7.66	100.00	766.00
040003-000	CLASS C	EA	182	9.05	1703.28
045008-000	LITE P02	EA	183	4.39	820.93
045014-050	D20 BERTOLITE	LB	1118	0.17	190.06
045004-050	D44 SALT	LB	1032	0.13	134.16
044003-025	D29 CELLULOSE FLAKE	LB	94	1.72	166.38
048501-085	TOP WOOD PINE	EA	1	106.00	106.00
069005-100	CALCIUM CHLORIDE	LB	294	0.40	117.60
059200-002	MILEAGE	Mi	45	2.95	132.75

FIELD ESTIMATE \$ 5700.56

SUB TOTAL

LICENSE/REIMBURSEMENT FEE

LICENSE/REIMBURSEMENT FEE

REMARKS:

THANKS FOR USING DOWELL

STATE % TAX ON \$

COUNTY % TAX ON \$

CITY % TAX ON \$

SIGNATURE OF DSI REPRESENTATIVE

TOTAL \$

*[Signature]*

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 of 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 purpose 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,

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 subsurface 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

SPECIAL HANDLING

## OILFIELD SERVICES

DSI SERVICE ORDER  
RECEIPT AND INVOICE NO.

DSI SERVICE LOCATION NAME AND NUMBER

ULYSSES, KANSAS 03-12

03-12-6321

CUSTOMER NUMBER

CUSTOMER P.O. NUMBER

TYPE SERVICE CODE

BUSINESS CODES

285

CUSTOMER'S  
NAME

Mobil Oil

WORKOVER  
NEW WELL  
OTHER

API OR IC NUMBER

ADDRESS

ORIGINAL

CITY, STATE AND  
ZIP CODE

IMPORTANT  
SEE OTHER SIDE FOR TERMS & CONDITIONS  
ARRIVE LOCATION MO. DAY YR. TIME  
07 21 94 04:00

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

Safety CEMENT 5 1/2" CASING AS DIRECTED BY CUSTOMER

M Moore

JOB COMPLETION MO. DAY YR. TIME  
07 21 94 08:00

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

STATE KANSAS CODE COUNTY / PARISH STEVENS CODE CITY

WELL NAME AND NUMBER / JOB SITE  
Ridpath UNIT # 1-33

LOCATION AND POOL / PLANT ADDRESS  
SEC 24-34S-37W

SHIPPED VIA  
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	470	9.06	4258.20
103368 050	B28 CEMENT D-RING EXPLOSION	lb	282	3.34	941.88
045041 100	D79 CHEMICAL EXTENDER	lb	902	1.44	1298.88
067005 100	S1 CALCIUM CHLORIDE	lb	282	0.40	112.80
047002 050	D46 ANTIPODM AGENT	lb	88	3.41	300.08
044002 050	D60 FLAC	lb	89	8.61	731.85
044003 025	D29 CELLULOSE FLAKES	lb	80	1.77	141.60
<b>SERVICES</b>					
102871 029	CEMENT PUMPER	EA	1	1450.00	1450.00
059200 002	MILEAGE (PUMPER)	MI	45	2.95	132.75
059697 000	Pack Recorder	EA	1	159.00	159.00
048601 000	CEMENT HEAD	EA	1	70.00	NIC
049102 000	DELIVERY CHARGE	T.M.	1033	1.00	1033.00
049100 000	SERVICES CHARGE	CFT	488	1.36	663.68
096702 054	5 1/2" CASING HARDWARE TO PLUG	EA	1	75.00	75.00
<b>RECEIPT</b>					
38% DISCOUNT					

Gross ESTIMATE \$ 11,298.72 w/ 38% DISCOUNT \$ 7,005.21 SUB TOTAL \$

REMARKS: THANK YOU FOR USING Dowell !!

LICENSE/REIMBURSEMENT FEE

STATE % TAX ON \$

COUNTY % TAX ON \$

CITY % TAX ON \$

SIGNATURE OF DSI REPRESENTATIVE: David R. Lamm

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 well site); 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.

CEMENTING SERVICE REPORT



DOWELL SCHLUMBERGER INCORPORATED

DS-496 PRINTED IN U.S.A.

TREATMENT NUMBER	03 12 6321	DATE	7 21 94
STAGE	DS	DISTRICT	ULYSSES, KANSAS

WELL NAME AND NO. **Kidpath Unit #1-33**

LOCATION (LEGAL) **Sec. 26-34S-37W**

FIELD-POOL **HUGOTON**

COUNTY/PARISH **STEVENS**

STATE **KANSAS**

API. NO.

RIG NAME: **Cheyenne #4**

WELL DATA:		BOTTOM	TOP
BIT SIZE	CSG/Liner Size	5 1/2"	
TOTAL DEPTH 3012	WEIGHT	14#	
<input checked="" type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE	3002'	
MUD TYPE <b>WB</b>	GRADE		
<input checked="" type="checkbox"/> BHST <input type="checkbox"/> BHCT	110°F	THREAD	8rd
MUD DENSITY 9	LESS FOOTAGE SHOE JOINT(S)	45'	TOTAL 2957
MUD VISC.	Disp. Capacity	2957	

NAME **Mobil Oil**

AND

ADDRESS

ZIP CODE **66**

ORIGINAL

SPECIAL INSTRUCTIONS

**Spray cement 5/8" casing as directed by customer.**

IS CASING/TUBING SECURED?  YES  NO

LIFT PRESSURE **1726** PSI CASING WEIGHT SURFACE AREA (3.14 x R<sup>2</sup>)

PRESSURE LIMIT **500** LIFT PSI BUMP PLUG TO **500** LIFT PSI

ROTATE **8** RPM RECIPROCATE **8** FT No. of Centralizers **15**

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

Float	TYPE	DEPTH	Slag Tool	DEPTH
	<b>Auto 3 1/2" ORIFICE PLATE</b>	<b>2957'</b>		
	<b>CMT NOSE GUIDE</b>	<b>3002'</b>		

Head & Plugs  TBG  D.P. SQUEEZE JOB

Double  WEIGHT  TYPE

Single  GRADE  DEPTH

Swage  THREAD TAIL PIPE: SIZE DEPTH

Knockoff  NEW  USED TUBING VOLUME Bbls

TOP  OR  BOT  OR  DEPTH CASING VOL. BELOW TOOL Bbls

ANNUAL VOLUME Bbls

JOB SCHEDULED FOR TIME: **04:00** DATE: **7/21/94** ARRIVE ON LOCATION TIME: **04:00** DATE: **7/21/94** LEFT LOCATION TIME: **8:45** DATE: **7/21/94**

TIME	PRESSURE		VOLUME PUMPED BBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM				
00:01 to 24:00								PRE-JOB SAFETY MEETING
07:06		1600						Pressure test lines. 1600 psi. Test OK
07:16		270	20		6	H <sub>2</sub> O	8.34	START AND ATTEND AND BLEND CIRC.
07:15		180	120	20	6	CMT	11.5	START Pumping HEAD SLURRY
07:35		270	180	140	6	CMT	14.8	START Pumping TAIL SLURRY
07:41				119				SHUTDOWN DROP TOP PLUG
07:47		120	72	179	6	H <sub>2</sub> O	8.34	START DISPLACEMENT
07:58		270		241	2	H <sub>2</sub> O	8.34	Lower Pump RATE
08:03		1500		313				Bump Top PLUG
								START HEAD.
								Release Dowell.

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
					BBLs	DENSITY
1.	380	2.70	CLASS C + 3% D79 + 0.2% D46 + 1/4 #1SK D29		153.88	11.5
2.	150	1.47	CLASS C + 2% B28 + 2% S1 + 0.6% D65 + 0.2%		39.27	14.8
3.						
4.						
5.						
6.						

BREAKDOWN FLUID TYPE **NA** VOLUME **NA** DENSITY **NA** PRESSURE **1600** MAX. **Plug** MIN:

HESITATION SQ.  RUNNING SQ. CIRCULATION LOST  YES  NO Cement Circulated To Surf.  YES  NO **15** Bbls.

BREAKDOWN **PSI** FINAL **PSI** DISPLACEMENT VOL. **72** Bbls

Washed Thru Perfs:  YES  NO TO **FT.** MEASURED DISPLACEMENT  WIRELINE

PERFORATIONS TO TO TO TO

CUSTOMER REPRESENTATIVE **MR. ALAN MOORE** DS SUPERVISOR **DAVID R. SARVER**