

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- 189-21796 -0000

Operator: License # 5208

County Stevens

Name: Mobil Oil Corporation

- NW - SE - NE Sec. 32 Twp. 32S Rge. 36 X W

Address P.O. Box 2173

1390 Feet from S/W (circle one) Line of Section

2319 North Kansas Avenue

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

City/State/Zip Liberal, KS 67905-2173

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

Purchaser: Spot Market

Lease Name Jordan Unit Well # 4

Operator Contact Person: Sharon Cook

Field Name Hugoton

Phone (316) 626-1142

Producing Formation Chase

Contractor: Name: Cheyenne Drilling

Elevation: Ground 3088 KB 3099

License: 5382

Total Depth 2981 PBDT 2916

Wellsite Geologist: L. J. Reimer

Amount of Surface Pipe Set and Cemented at 563 Feet

Designate Type of Completion
 New Well Re-Entry Workover

Multiple Stage Cementing Collar Used? Yes No

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

If yes, show depth set NA Feet

If Alternate II completion, cement circulated from NA

feet depth to NA w/ NA sx cmt.

If Workover:

Drilling Fluid Management Plan ACT 1 1-10-96 JK
(Data must be collected from the Reserve Pit)

Operator:

Chloride content 14,800 ppm Fluid volume 540 bbls

Well Name:

Dewatering method used Waste Minimization Mud System

Comp. Date Old Total Depth

Location of fluid disposal if hauled offsite:

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

Operator Name Mobil Oil Corporation

Lease Name Hill #3 SWDW License No. 5208

9-15-94 9-18-94 10-11-94
Spud Date Date Reached TD Completion Date

SW Quarter Sec. 3 Twp. 33 S Rng. 37 E/W

County Stevens Docket No. CD-117,710

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Sharon A. Cook Sharon A. Cook

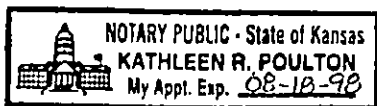
Title Regulatory Assistant Date 1-3-95

Subscribed and sworn to before me this 3rd day of January 19 95.

Notary Public Kathleen R. Poulton

Date Commission Expires August 18, 1998

434.sac



STATE CORPORATION COMMISSION
K.C.C.O. OFFICE USE ONLY
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 Jordan Unit Well # 4
 Sec. 32 Twp. 32S Rge. 36 East West
 County Stevens

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Glorietta	1270	1430
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Stone Corral	1728	1788
List All E.Logs Run:		Chase	2612	2948
Dual Induction Focused Log - Gamma Ray		Council Grove	2948	--
Z-Densilog Compensated Dual Neutron Spectralog				
Caliper Log - Gamma Ray				

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#	563	Class C	130 sx	50:50 C/poz
					Class C	150 sx	50:50 C/poz
Production Casing	7.875	5.500	14#	2971	Class C	315 sx	3% D79
					Class C	150 sx	2% CACL2

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	2640-56 2777-90	Acid: 1,500 gals 7.5% HCL	
	2666-2706	Frac'd: 27,000 gals Crosslink gel (#20)	
	2720-50	104,000 lbs 10/20 sand	
	2760-70		

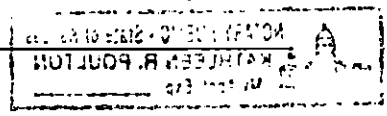
TUBING RECORD	Size <u>None</u>	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	10-11-94	Producing Method	<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas 471 Mcf	Water Bbls.	Gas-Oil Ratio Gravity

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

Vented Sold Used on Lease (If vented, submit ACO-18.)

Open Hole Perf. Dually Comp. Commingled 2640

Other (Specify) 2790



DOWELL SCHLUMBERGER INCORPORATED

P.O. BOX 4378 HOUSTON, TEXAS 77210

CUSTOMER

OILFIELD SERVICES

DSI SERVICE ORDER RECEIPT AND INVOICE NO.
03-12-6466

DSI SERVICE LOCATION NAME AND NUMBER
Ulysses Kc 03-12

CUSTOMER NUMBER

CUSTOMER P.O. NUMBER

TYPE SERVICE CODE
285

BUSINESS CODES

CUSTOMER'S NAME
Mobil Oil Corp.

ADDRESS

CITY, STATE AND ZIP CODE

ORIGINAL

WORKOVER W
NEW WELL N
OTHER

API OR IC NUMBER

ARRIVE LOCATION
MO. DAY YR. TIME
9 19 94 000

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 service order. This service order is subject to alternative dispute resolution.

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE
William [Signature]

JOB COMPLETION
MO. DAY YR. TIME
9 19 94 0530

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
William [Signature]

STATE **Ks** CODE COUNTY / PARISH **Stevens** CODE CITY

WELL NAME AND NUMBER / JOB SITE
Jordan #4

LOCATION AND POOL / PLANT ADDRESS
Sec 32-32s-26w

SHIPPED VIA
Dowell

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
059200-002	mileage	mi.	36	2.95	106.20
102871-030	perm Eng	EA	1	1390.00	1390.00
049102-000	hauling	Ton/Mi	817	1.00	817.00
049100-000	service chg	CO.FT.	483	1.36	656.88
059697-000	PACK chg	EA	1	159.00	159.00
103368-050	B28 cmt o-ring	16	282	3.34	941.88
040003-000	0903 class LC	SK	465	9.06	4212.90
045041-100	079 chemical extender	16	888	1.44	1278.72
067005-100	calc	16	282	.40	112.80
047002-050	046 Anti-Foam Agent	16	88	3.41	300.08
044003-025	029 collophane Flaker	16	80	1.77	141.60
044002-050	060 FLAC	16	85	8.61	731.85
056702-054	Top plug	EA	1	75.00	75.00

ORDER

STATE RECEIVED
CORPORATION COMMISSION
JAN 04 1995
CONSERVATION DIVISION
WICHITA, KANSAS

#6772.83

THANKS FOR USING DOWELL

SUB TOTAL

Field ect: \$10923.91

LICENSE/REIMBURSEMENT FEE			
LICENSE/REIMBURSEMENT FEE			
REMARKS:	STATE	% TAX ON \$	
	COUNTY	% TAX ON \$	
	CITY	% TAX ON \$	
	SIGNATURE OF DSI REPRESENTATIVE	TOTAL	\$
	<i>Lam Equino</i>		

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.

CEMENTING SERVICE REPORT

Schlumberger
Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER: 2572-0466
DATE: 9-19-94
STAGE: 1.15 DS: UNISSSES DISTRICT: KS

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

WELL NAME AND NO. **Topdan #4**
 LOCATION (LEGAL) **Sec 32-325-3600**
 FIELD-POOL **Huontan**
 COUNTY/PARISH **Stephens** STATE **Ks** API. NO.
 NAME **Mobil Oil Corp**
 ADDRESS
 ZIP CODE
 SPECIAL INSTRUCTIONS **ORIGINAL**

RIG NAME: **Chapman #4**
 WELL DATA: BIT SIZE **128** CSG/Liner Size **5 1/2**
 TOTAL DEPTH **2971** WEIGHT **18**
 ROT CABLE FOOTAGE **2971**
 MUD TYPE GRADE **SS**
 BHST BHCT THREAD **8ed**
 MUD DENSITY LESS FOOTAGE SHOE JOINT(S) **4.6** TOTAL
 MUD VISC. Disp. Capacity **71.3**

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

Float	TYPE	1 1/2" ext Float Valve	TYPE	
	DEPTH	2975		DEPTH
Shoe	TYPE	cont. nose	TYPE	
	DEPTH	2971		DEPTH

Head & Plugs TBG D.P. SQUEEZE JOB
 Double SIZE WEIGHT TOOL TYPE
 Single GRADE TAIL PIPE: SIZE DEPTH
 Swage THREAD TUBING VOLUME Bbl's
 Knockoff NEW USED CASING VOL BELOW TOOL Bbl's
 TOP R W DEPTH TOTAL Bbl's
 BOT R W ANNUAL VOLUME Bbl's

IS CASING/TUBING SECURED? YES NO
 LIFT PRESSURE **1752** PSI CASING WEIGHT + SURFACE AREA (3.14 x R²)
 PRESSURE LIMIT **1660** PSI BUMP PLUG TO **1660** 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	TIME	DATE	TIME	DATE	TIME	DATE	
0001 to 2400											
0419											
0424		0	25		5.8	H2O					
0428		310				cmf.	11.6				
0430		0	154		5.8	cmf.	11.6				
0442		250		76	5.8	cmf.	11.6				
0456		270		29	5.8	cmf.	14.8				
0500		360		25	5.8	cmf.	14.8				
0503		0									
0506		0	71		6	H2O					
0510		160		20	6	H2O					
0513		480		40	5.8						
0515		740		50	5.8						
0518		1030		65	2						
0521		1660		71	2						
0522											
0523											

REMARKS: **PRE-JOB SAFETY MEETING PSI Test**
start H2O ahead
shutdown hatch mix cmf.
start lead cmf.
psi check
start tail cmf.
psi check
shutdown wash pump/hic deep top plug
start displacement
psi check
psi check
cement to surface
lower rate
hump top plug
bleed psi at check float holding
end job

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBL'S	DENSITY
1.	215	12.75	class C + 3% D74 + .2% D46 + 1/4" D29				164.2	11.5
2.								
3.	150	1.47	class C + 2% B28 + 2% calc + .6% D60 + .2% D46				39.2	14.8
4.								
5.								
6.								

BREAKDOWN FLUID TYPE: HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO
 VOLUME: **71.3** Bbl's
 DENSITY: **71.3** Bbl's
 PRESSURE: **4.35** MIN
 MAX. **4.35** MIN
 Cement Circulated To Surf. YES NO **21** Bbl's
 TYPE OF WELL: OIL STORAGE BRINE WATER
 GAS INJECTION WILDCAT
 WIRELINE
 PERFORATIONS: TO TO
 CUSTOMER REPRESENTATIVE: **Volan Youngblood**
 DS SUPERVISOR: **James Esquivel**

DOWELL SCHLUMBERGER INCORPORATED

P.O. BOX 4378 HOUSTON, TEXAS 77210

CUSTOMER

OILFIELD SERVICES

DSI SERVICE ORDER
RECEIPT AND INVOICE NO.

0312-64

DSI SERVICE LOCATION NAME AND NUMBER

us - 0312

CUSTOMER NUMBER

CUSTOMER P.O. NUMBER

TYPE SERVICE CODE

BUSINESS CODES

CUSTOMER'S
NAME

MOBIL OIL CORP.

ADDRESS

ORIGINAL

CITY, STATE AND
ZIP CODE

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

WORKOVER
NEW WELL
OTHER

W
 N
 O

API OR IC NUMBER

IMPORTANT
SEE OTHER SIDE FOR TERMS & CONDITIONS

ARRIVE LOCATION	MO.	DAY	YR.	TIME
	9	15	94	23:00

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 William [Signature]

JOB COMPLETION	MO.	DAY	YR.	TIME
	9		94	

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 William [Signature]

STATE

KANSAS

CODE

COUNTY / PARISH

STEVENS

CODE

CITY

HOUSTON

WELL NAME AND NUMBER / JOB SITE

JORDAN #4

LOCATION AND POOL / PLANT ADDRESS

SEC 32 - 32S - 36W

SHIPPED VIA

DOWELL

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
059200-002	MILEAGE	mi	38	2.95	112.10
102871-010	PUMP CHARGE	EA	1	840.00	840.00
049102-000	HAULING CHARGE	Ton mi	483	1.00	483.00
049100-000	SERVICE CHARGE	cutt.	309	1.36	420.24
059697-000	PACR CHARGE	EA	1	159.00	159.00
048501-085	TOP WOODEN PLUG 858	EA	1	106.00	106.00
040003-000	D903 class C cutt	cutt.	140	9.06	1268.40
045008-000	D35 Libepoz 3	cutt.	140	4.39	615.92
045014-050	D20 Bentonite	lb	840	0.17	142.80
045004-050	D44 Salt	lb	7672	0.13	87.36
067005-100	S1 Calcium Chloride	lb	252	0.40	100.80
044003-025	D29 Cellophane Flakes	lb	71	1.77	125.67
					4461.29
-34% Discount Field Estimate					2944.45

SUB TOTAL

Thanks for calling Dowell

LICENSE/REIMBURSEMENT FEE

LICENSE/REIMBURSEMENT FEE

REMARKS:

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 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 re-drilling 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 incur 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

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER

0312-6460

DATE

7/16/94

PAGE

DS

DISTRICT

UKS 03-12

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

WELL NAME AND NO. <i>JORDAN #4</i>		LOCATION (LEGAL)		RIG NAME: <i>ATYENNE #</i>	
FIELD-POOL <i>HUOTON</i>		FORMATION <i>SURFACE</i>		WELL DATA:	
COUNTY/PARISH <i>STEVENS</i>		STATE <i>KS</i>		API. NO.	
NAME <i>MOBIL OIL CORP.</i>		MUD TYPE		GRADE	
AND		MUD DENSITY		LESS FOOTAGE SHOE JOINT(S)	
ADDRESS		MUD VISC.		Disp. Capacity	
ZIP CODE		MUD TYPE		GRADE	
SPECIAL INSTRUCTIONS		MUD DENSITY		LESS FOOTAGE SHOE JOINT(S)	
		MUD VISC.		Disp. Capacity	

ORIGINAL

Mix and pump 130 sx lead slurry @ 12-2 #/sq. followed by 150 qx Tail slurry @ 11-8 #/sq. Displace behind top with 33.16 BBL water as instructed by company representative

IS CASING/TUBING SECURED?	<input type="checkbox"/> YES <input type="checkbox"/> NO	HEAD & PLUGS	<input type="checkbox"/> TBG <input type="checkbox"/> D.P.	SQUEEZE JOB	
LIFT PRESSURE	<i>533</i> PSI	<input type="checkbox"/> Double	SIZE	TOOL	TYPE
PRESSURE LIMIT	PSI	<input checked="" type="checkbox"/> Single	WEIGHT	DEPTH	
ROTATE	RPM	<input type="checkbox"/> Swage	GRADE	TAIL PIPE: SIZE DEPTH	
	RECIPROCATE	<input type="checkbox"/> Knockoff	THREAD	TUBING VOLUME Bbls	
	FT	<input type="checkbox"/> TOP <input type="checkbox"/> BOT	NEW <input type="checkbox"/> USED	CASING VOL. BELOW TOOL Bbls	
	No. of Centralizers	<input type="checkbox"/> BOT <input type="checkbox"/> W	DEPTH	TOTAL Bbls	
				ANNUAL VOLUME Bbls	

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME	DATE	TIME	DATE	TIME	DATE	
0001 to 2400					INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL			
3:10								PRE-JOB SAFETY MEETING			
3:15	1900		02			H ₂ O	8.3	Pressure test lines			
3:18		150	25	25	5.7	H ₂ O	8.3	Pump water spacer			
3:22		210	55	30	5.7	Lead	12.2	Start lead slurry			
3:28		190	68	13	5.7	Lead	12.2	Psi/density checks			
3:30		200	98	30	5.7	Tail	14.8	Start tail cement			
3:37		0			0			Drop top plug			
3:39		80	116	18	4.0	H ₂ O	8.3	Start displacement			
3:43		160	149	33	4.0	H ₂ O	8.3	Cement to surface			
3:50		840		0	0	H ₂ O	8.3	Bump plug			
3:51		0		0	0			Bleed off pressure - check returns			
3:53		0		0	0			Float collar holds - End job.			

REMARKS *88 sx lead cement circulated to surface*

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
			BBL	DENSITY	BBL	DENSITY		
1.	130	2.2	50/50	C/102 + 6% D20 + 5% DAA + 1/4 16/sk D29	42	12.2		
2.	150	1.2	50/50	C/102 + 2% S1 + 0.75% D20 + 1/4 16/sk D29	30	14.0		
3.								
4.								
5.								
6.								

BREAKDOWN FLUID TYPE		VOLUME		DENSITY		PRESSURE		MAX. 1900 MIN. 9 (38)	
<input type="checkbox"/> HESITATION SQ.		<input type="checkbox"/> RUNNING SQ.		<input type="checkbox"/> 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. 33 Bbls	
Washed Thru Perfs <input type="checkbox"/> YES <input type="checkbox"/> NO		TO		FT.		MEASURED DISPLACEMENT <input type="checkbox"/>		<input type="checkbox"/> WIRELINE	
PERFORATIONS		TO		TO		CUSTOMER REPRESENTATIVE		DS SUPERVISOR	
						<i>W. Dan [Signature]</i>		<i>T. Cross [Signature]</i>	