

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

API No. 15 - 129-21180-0000

ORIGINAL

County Morton

Sec. 4 Twp. 32 Rge. 40 East West

1650 Feet from (S/N) (circle one) Line of Section  
3630 Feet from (E/W) (circle one) Line of Section

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

Lease Name Kinsler G.U. A Well # 3HI

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3261' KB 3311'

Total Depth 3189' PBTD 3142'

Amount of Surface Pipe Set and Cemented at 564 Feet

Multipple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)

Chloride content 5800 ppm Fluid Volume 2140 bbls

Dewatering method used dried and filled

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

Quarter Sec. Twp. S.Rng. EW

County Docket No.

Operator: License # 5952

Name: Amoco Production Company

Address P.O. Box 800, Rm. 2118

City/State/Zip Denver, CO 80201

Purchaser:

Operator Contact Person: Julie Victor

Phone (303) 830-4009

Contractor: Name: Cheyenne Drilling

License: 5382

Wellsite Geologist:

Designate Type of Completion

X New Well Re-Entry Workover

Oil SWD SLOW Temp.Abd.

X Gas ENHR SIGW

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

Workover/Re-entry: old well info as follows:

Operator:

Well Name:

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.

1/30/92

2/2/93

Delayed

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 to the best of my knowledge.

Signature Julie Victor

Title Permitting Representative Date June 7, 1993

Subscribed and sworn to before me this 7 day of June, 1993

Notary Public Natalie M. Wood

Date Commission Expires December 26, 1994

K.C.C. OFFICE USE ONLY

F Letter of confidentiality Attached

C Wireline Log Received

C Drillers Timelog Received

Distribution JUN 9 1993

KCC SWD/Rep NGPA

KGS Plug

CONSERVATION DIVISION  
Wichita, Kansas

P1

Operator Name Amoco Production Company Lease Name Kinsler G.U. A Well # 3HI  
 County Morton  
 Sec. 4 Twp. 32 Rge. 40  East  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 (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			
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Herington	2,177'	
List All E. Logs Run:		Krider	2,190'	
		Winfield	2,241'	
		Towanda	2,312'	
		Ft. Riley	2,368'	
		Council Grove	2,462'	

**CASING RECORD**  New  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	12-1/4"	8-5/8"	24#	564'	Class C	300	
Production	7-7/8"	5-1/2"	15.5#	3,189'	Class C	750	

**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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
4	3114-3120'; 2963-2967'; 2952-2957';			
	2890'2910'			

**TUBING RECORD** Size N/A Set At \_\_\_\_\_ Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas:  Vented  Sold  Used on Lease

**METHOD OF COMPLETION**

Open Hole  Perf.  Dually Comp.  Commingled

(If vented, submit ACO-18)  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

ORIGINAL

DRILLERS LOG

AMOCO PRODUCTION COMPANY  
KINSLER GU "A" NO. 3 HI  
SECTION 4-T32S-R40W  
MORTON COUNTY, KANSAS

COMMENCED: 01-30-93  
COMPLETED: 02-03-93

SURFACE CASING: 554' OF 8 5/8"  
CMTD W/150 SX 65/35 POZ/C, 6% D-20,  
2% SI, 1/4#/SX D-29; TAILED IN W/  
150 SX "C", 2% SI, 1/4#/SX D-29

FORMATION	DEPTH
SURFACE HOLE	0- 564
RED BED	564-1300
ANHYDRITE	1300-1560
SHALE	1560-2790
LIME & SHALE	2790-3189    RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT  
TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

*A.J. Jacques*

A.J. JACQUES

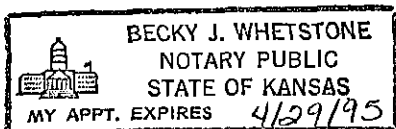
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FEB 10 1993

CONSERVATION DIVISION  
Wichita, Kansas

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 4TH DAY OF FEBRUARY, 1993.



*Becky J. Whetstone*

BECKY J. WHETSTONE, NOTARY PUBLIC

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CONSERVATION DIVISION  
Wichita, Kansas



# SERVICE ORDER

DS-936-A	PERSON TAKING CALL DC Francisco	DATE/TIME 1-26-93	DS LOCATION ULYSSES	TREATMENT NUMBER 03-12-5015
CUSTOMER Cheyenne Drilling	ORDERED BY	TELEPHONE	MOBILE	
TYPE JOB Surf	JOB DATE	TIME: ON LOC	PUMP	CUSTOMER REP ON LOCATION
WELL NAME & NUMBER Kinsler GUA3HI	REWORK NEW	LOCATION Sec 4-32S-40W	POOL/FIELD	COUNTY/PARISH Morton Co
CONTRACTOR ON SITE	DS SALES REPRESENTATIVE TY	CUSTOMER ORDER NUMBER	STATE KANSAS	
TUBING/DP:	SIZE	DEPTH MD / TVD	WT	THREAD
CASING:	8 5/8	590	24"	8RD
LINER:			BHST	BHCT
OPEN HOLE:	12 1/4	570		
PERFORATED INTERVALS				FORMATION:
TOP	TO	BOTTOM	NO. OF HOLES	TOP
	TO			TO
	TO			TO
	TO			TO
	TO			TO
DIAMETER OF PERFORATIONS =				REQUIRED RATE/PRESS.
WELLHEAD CONN: 8 5/8 Head Manifold & Swedge				HYDRAULIC HORSEPOWER ORDERED:
SPECIAL INSTRUCTIONS/EQUIPMENT:				MAX PSI ALLOWABLE:

SERVICE INSTRUCTIONS:  
 1 - 8 5/8 TOP Plug  
 1 - 8 5/8 Baffle Plate  
 3 - 8 5/8 Centralizers  
 1 - Thread Lock Kit

### SYSTEM DESCRIPTION:

System 1 150 SKS 6 5/8 3S 2" P02 + 6% D-20 + 2% SI + 1/4 #/SK D-29  
 12.2 PPG                      2.1 CFT/SK                      11.5 90#/SK

System 2 150 SKS CLASS C + 2% SI + 1/4 #/SK D-29

System 3 14.8 PPG                      1.32 CFT/SK                      6.32 90#/SK

System 4

### Additional Materials:

Directions: UKS 11 mi West To Big Bow Turn off - 13 mi South - 1/4 mi west - 4 mi South. To DERMONT Rd - 4 mi west To COOP Elevator - 3 mi South - 1/2 mi west - N into

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DISTRIBUTION: ORIG - PERMANENT FILE  
COPY - DISTRICT FILE

CONSERVATION DIVISION  
Wichita, Kansas

CEMENTING SERVICE REPORT



DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER	DATE
5015	1/30/93
STAGE	DISTRICT
DS	UKS 0312

DS-496 PRINTED IN U.S.A.

WELL NAME AND NO.	LOCATION (LEGAL)
Kinsler G.V. 'A' 311	SEC 4-322-40W
FIELD-POOL	FORMATION
Horton	Chase
COUNTY/PARISH	STATE
Morton	KANSAS
API. NO.	

RIG NAME:	Cheyenne Drg		
WELL DATA:	BOTTOM	TOP	
BIT SIZE	CSG/Liner Size	8 7/8	ORIGINAL
TOTAL DEPTH	WEIGHT	24	
<input checked="" type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE	544	
MUD TYPE	GRADE		
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD	8 1/2	
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S)	42	TOTAL
MUD VISC.	Disp. Capacity	522	32.24

NAME Cheyenne Drg

AND \_\_\_\_\_

ADDRESS \_\_\_\_\_

ZIP CODE \_\_\_\_\_

SPECIAL INSTRUCTIONS

Provide Materials + services to fully cement surface csg per customer. Req.

NOTE: Include Footage From Ground Level To Head In Disp. Capacity				
Float	TYPE	Ballet plate	TYPE	
	DEPTH		DEPTH	
SHOE	TYPE	Triplex (cool)	TYPE	
	DEPTH		DEPTH	
Head & Plugs	<input type="checkbox"/> TBG <input type="checkbox"/> D.P.	SQUEEZE JOB		
<input type="checkbox"/> Double	SIZE	TOOL	TYPE	
<input checked="" type="checkbox"/> Single	<input type="checkbox"/> WEIGHT		DEPTH	
<input type="checkbox"/> Swage	<input type="checkbox"/> GRADE	TAIL PIPE: SIZE DEPTH		
<input type="checkbox"/> Knockoff	<input type="checkbox"/> THREAD	TUBING VOLUME Bbls		
TOP <input type="checkbox"/> R <input type="checkbox"/> W	<input type="checkbox"/> NEW <input type="checkbox"/> USED	CASING VOL. BELOW TOOL Bbls		
BOT <input type="checkbox"/> R <input type="checkbox"/> W	DEPTH	TOTAL Bbls		
ROTATE _____ RPM	RECIPROCATATE _____ FT	ANNUAL VOLUME Bbls		

IS CASING/TUBING SECURED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	LIFT PRESSURE <u>231</u> PSI	CASING WEIGHT + SURFACE AREA (3.14 x R <sup>2</sup> )
PRESSURE LIMIT <u>200</u> PSI	BUMP PLUG TO <u>550</u> PSI	
ROTA _____ RPM	RECIPROCATATE _____ FT	No. of Centralizers <u>3</u>

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											
9:02	NA	140	10	-	5.9	160	8.33				
9:04		190	56	-	5.9	160	8.33				
9:14		280	35	-	5.9	160	8.33				
9:21	NA	-	-	-	-	-	-				
9:23		170	332	-	4.9	160	8.33				
9:29		110	23	-	2.0						
9:34	NA	550	33	-	1.9						
9:35		550	-	-	-						
9:35	NA	550									

SERVICE LOG DETAIL

PRE-JOB SAFETY MEETING

50 test line

160 ahead

Lead cmt

Tail cmt

Shot Down, Drop plug

Displace

Jawer pump pt

Bump plug

Release psi

Cnd job

21. PSI

Lead 5.9 200

Tail 5.9 210

Disp 4.0 140

REMARKS

53 sks b pt

final psi before bumping plug 180

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED		
			BBLs	DENSITY	BBLs	DENSITY	
1.	150	2.1	35/65 70% + 60% 200 + 28% 210 + 1/4 #12 D29	56	12.2		
2.	150	1.32	C + 29% 210 + 1/4 #16K D29	35.3	14.8		
3.							
4.							
5.							
6.							

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE
<input type="checkbox"/> HESITATION SQ.	<input type="checkbox"/> RUNNING SQ.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	MAX. MIN. 20 Bbls
BREAKDOWN	PSI	FINAL	PSI
Washed Thru Perfs <input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT <input checked="" type="checkbox"/>
PERFORATIONS	TO	TO	TO
CUSTOMER REPRESENTATIVE	DS SUPERVISOR		
Dorine Bell	Greg Black		

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MIN 20 Bbls

WICHITA, KANSAS

1993

CONSERVATION DIVISION

Wichita, Kansas



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

SPECIAL HANDLING

ORIGINAL

DSI SERVICE ORDER  
 RECEIPT AND INVOICE NO.  
 5015

OILFIELD SERVICES  
 INDUSTRIAL SERVICES

DSI SERVICE LOCATION NAME AND NUMBER  
 Ulysses KS. 0312

CUSTOMER NUMBER  
 CUSTOMER P.O. NUMBER

TYPE SERVICE CODE  
 BUSINESS CODES

CUSTOMER'S NAME  
 ADDRESS  
 Cheyenne Drty.

WORKOVER  
 NEW WELL  
 OTHER

CITY, STATE AND  
 ZIP CODE

ARRIVE LOCATION  
 MO. DAY YR. TIME  
 1 30 93 160

DSI will furnish and Customer shall purchase materials and services required in the performance of the following SERVICE INSTRUCTIONS or DSI INDUSTRIAL SERVICE CONTRACT NO. in accordance with the terms and conditions as printed on the reverse side of this form.

SERVICE ORDER RECEIPT  
 I certify that the materials and services listed were authorized and received and all services performed in a workmanlike manner and that I have the authority to accept and execute this document.

Cmt 878 surface csq per Customers order

STATE KS. CODE COUNTY / PARISH Morton CODE CITY

JOB COMPLETION  
 MO. DAY YR. TIME  
 1 93

WELL NAME AND NUMBER / JOB SITE  
 Kinler GUA 3HP

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE  
 Dwayne Bell

LOCATION AND POOL / PLANT ADDRESS  
 Sec. 4-300-400

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
	pump Trk chg	CA	1	740.00	740.00
	Delivery Chg	TM	286	.88	251.68
	Service Chg	FS	324	1.20	388.80
	PACK	EA	1	140.00	140.00
	Milage	mi	20	2.65	53.00
	Cmt truck Rental	EA	1	63.00	63.00
	C. Cmt	FS	248	7.98	1979.04
	Site Fee III	FS	52	3.94	204.88
	Dog Cell	155	784	.15	117.60
	SI chg	155	543	.36	195.48
	Dog flake	155	76	1.59	120.84
	Top plug	CA	1	98.00	98.00
	Barrel plate	CA	1	80.00	80.00
	Centralizer	CA	3	77.00	222.00
	878 Thread Lock Kit	EA	1	25.00	25.00

Field Est. 4606.32  
 279.1

52

SUB TOTAL  
 RECEIVED  
 STATE CORPORATION COMMISSION

REMARKS:  
 Thank you for using  
 Dowell  
 Schlumberger

STATE % TAX ON \$  
 COUNTY % TAX ON \$  
 CITY % TAX ON \$  
 SIGNATURE OF DSI REPRESENTATIVE  
 Greg Black  
 TOTAL \$  
 CONSERVATION DIVISION  
 Wichita, Kansas

JUN 9 1993

GENERAL TERMS AND CONDITIONS

1. AMENDMENTS. Any modification of this document by the Customer, and all additional or different terms included in the Customer's purchase order or any other document responding to this contract, are hereby objected to. BY REQUESTING THE GOODS AND SERVICES SET FORTH HEREIN, BUYER AGREES TO ALL THE TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.

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 1½% per month or the maximum allowable by the applicable state 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 agrees to pay all fees directly or indirectly incurred for such collection.

3. PRICES. The products and services to be supplied hereunder shall be priced in accordance with DSI's current Price Schedule. As provided in DSI's Price Schedule, special jobs, under unusual conditions, will be subject to special price quotations to reflect increased or reduced costs.

4. TAXES. Any tax based on or measured by the charge for 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 this contract, and neither DSI nor anyone employed by DSI shall be the agent, representative, employee or servant of Customer in the performance of this contract or any part hereof.

6. FORCE MAJEURE. Any delays or failure by DSI in the performance of this contract shall be excused if and to the extent caused by war, fire, flood, strike, labor trouble, accident, riot, acts of God, or any contingencies beyond the reasonable control of DSI.

7. DISPOSAL. Disposal of the chemicals used in the performance of this contract is the responsibility of Customer. Customer agrees the chemicals will be disposed of in accordance with all applicable Federal, State and local laws and regulations.

12. SEVERABILITY. It is understood and agreed by the parties hereto that any part, term, or provision of this Contract prohibited by law shall be deemed invalid to the extent of such prohibition and shall be deemed modified to the extent necessary to conform to such rule of law.

SPECIAL TERMS AND CONDITIONS

In addition to the foregoing General Terms and Conditions which are applicable to all services and products furnished by DSI, the following Special Terms and Conditions are applicable to Oil Field Services and Mining Services. In the event of any conflict, inconsistency, or incongruity between the General Terms and Conditions and the Special Terms and Conditions, the Special Terms and Conditions shall govern and control.

13. WELL. The term "well" as used herein shall also be construed to include and mean a "mine" or other property being serviced where the work to be performed involves DSI mining services.

14. CUSTOMER'S RESPONSIBILITY & INDEMNITIES. The parties agree that Customer has complete custody and control of the well, the conditions created in the well, the drilling equipment, well premises and access routes from highways to well locations. Customer will have the well in readiness for the service and, following service, will return the well to production. The parties further agree that unless caused by DSI's willful misconduct or failure to exercise good faith, Customer shall be fully responsible for and defend, indemnify and save harmless DSI, its officers, agents and employees against:

(i) Liability for damage to property of Customer (and well owner if different from Customer), this provision applying but not limited to subsurface damage and surface damage arising from subsurface damage including any liability based in whole or in part on the negligence of DSI.

(ii) Liability for reservoir loss or damage, or any property damage (including but not limited to damages caused by pollution or contamination), or personal injuries resulting directly or indirectly from subsurface pressure, well blowout or cratering, or losing control of the well including any liability based in whole or in part on the negligence of DSI.

(iii) Liability for any damages whatever resulting directly or indirectly from a subsurface trespass, pollution or contamination arising out of any servicing operation performed by DSI or Customer including any liability based in whole or in part on the negligence of DSI.

(iv) Liability for injury to persons (including death) or damage to property, other than employees and property of DSI, growing out of or in any way, connected with the use of materials in the well which are radioactive, poison, toxic or otherwise hazardous including any liability based in whole or in part on the negligence of DSI.

8. PRODUCT SALES AND RENTALS - WARRANTY. DSI warrants only products (including tools, supplies and materials) furnished shall conform to the quality and specification represented and that DSI can convey good title; DSI MAKES NO WARRANTY OF MERCHANTABILITY, OR THAT SAID PRODUCTS SHALL BE FIT FOR ANY PARTICULAR PURPOSE, NOR IS THERE ANY OTHER WARRANTY EXPRESSED OR IMPLIED EXCEPT AS EXPRESSLY STATED HEREIN. DSI's liability and Customer's exclusive remedy for any cause of action arising out of a product sale or rental pursuant hereto is expressly limited at DSI's option to (a) replacement or such product upon its return to DSI or (b) allowance to Customer of credit for the cost of such product.

9. SERVICE WARRANTY. In interpreting information and making recommendations, either written or oral, as to type or amount of material or service 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 in the field. 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 SERVICES RENDERED.

10. LIABILITY AND INDEMNITY. Customer agrees to be responsible for and to defend, indemnify and save harmless DSI, its officers, agents and employees, from any and all claims, loss, damage or expense by reason of accident, injuries, damages or hurt to any person or property, including property of DSI or Customer, that may occur in connection with or related to the performance of this contract and which is caused in whole or in part by the negligent act or omission of Customer, its agents, servants or employees and whether or not caused in part by the negligent act or omission of DSI. In no event shall DSI be liable for any special, incidental, indirect, punitive, or consequential damage, including, but not limited to, loss of use or loss of profit, for breach of contract, negligence (including DSI's sole negligence) or any other cause of action.

11. DSI. The term "DSI" as used herein is an abbreviation of Dowell Schlumberger Incorporated and where used throughout this agreement, shall be construed to mean Dowell Schlumberger Incorporated, a Delaware corporation.

(v) Liability for damages to property of customer or third parties or injuries to persons caused or alleged to have been caused by contamination or pollution from the application or use of products designed to control dust, wind erosion, product loss, sealing of ponds, reservoirs, irrigation canals, or sanitary landfills including any liability based in whole or in part on the negligence of DSI.

(vi) Liability for injury to persons (including death) or damage to property growing out of or in any way connected to the use of various equipment provided by DSI at no cost for the sole convenience of and use by the Buyer including any liability based in whole or in part on the negligence of DSI.

(vii) Liability for damage to property of Customer (and well owner if different from Customer) resulting, directly or indirectly, from tools or instruments of DSI being lost in a well, including any liability based in whole or in part on the negligence of DSI.

15. DOWN-HOLE TOOLS AND INSTRUMENTS. If tools or instruments of DSI are lost in a well, Customer agrees to make a reasonable effort at Customer's risk and expense to recover same; and, if unable to recover, to pay DSI for same unless such loss or damage was caused solely by DSI's negligence.

16. OFFSHORE & MARINE OPERATIONS. For offshore marine operations Customer agrees to insure against loss and assumes full responsibility for damage to equipment furnished by DSI from time of delivery to Customer at landing until returned to landing when transported on craft, or located on platforms not owned or leased by DSI.

Customer shall furnish transportation for crew changes at customers expense.



# SERVICE ORDER

DS-838-A

PERSON TAKING CALL DC Franzen		DATE/TIME 2-1-93	DS LOCATION Ulysses	TREATMENT NUMBER 03-12-5020
CUSTOMER Cheyenne Drilling		ORDERED BY Dwayne	TELEPHONE	MOBILE
TYPE JOB 4/5 <del>SOFF</del>	JOB DATE 2-1-93	TIME: ON LOC	PUMP	CUSTOMER REP ON LOCATION

WELL NAME & NUMBER Kinsler A	REWORK <input checked="" type="checkbox"/>	LOCATION Sec 4-32S-40W	POOL/FIELD	COUNTY/PARISH Morton Co.
CONTRACTOR ON SITE Cheyenne #3	DS SALES REPRESENTATIVE TY	CUSTOMER ORDER NUMBER	STATE KANSAS	

TUBING/DP:	SIZE	DEPTH MD / TVD	WT	THREAD	TREATMENT VIA: TUBING/DP: <input checked="" type="checkbox"/> CSG ANN:	PACKER/RETAINER DEPTH:
CASING:	5 1/2	3190'	14"	8RD	SERVICE INSTRUCTIONS:	
LINER:					1-5 1/2 Top Plug	
OPEN HOLE:	7 3/8	3190'	BHST	BHCT	5-5 1/2 centralizers	

PERFORATED INTERVALS								FORMATION:	
TOP	TO	BOTTOM	NO. OF HOLES	TOP	TO	BOTTOM	NO. OF HOLES		
	TO				TO			REQUIRED RATE/PRESS. 6-7 Bpm	
	TO				TO			HYDRAULIC HORSEPOWER ORDERED: DC8	
DIAMETER OF PERFORATIONS =								MAX PSI ALLOWABLE:	
WELLHEAD CONN: 5 1/2 Head manifold & Sledge									
SPECIAL INSTRUCTIONS/EQUIPMENT:									

SYSTEM DESCRIPTION:

System 1 400 SKS 65/35 C/poz + 6% D-20 + 1/4 #/SK D-29  
12.2 ppg 2.10 cft/sk 11.5 gal/sk

System 2 350 SKS class C + 1/4 #/SK D-29

System 3 14.8 ppg 1.32 cft/sk 6.32 gal/sk

System 4

Additional Materials:

Directions: UKS - 11 mi West to Big Bow Turn off - 13 mi South - 1/4 mi. West - 4 mi. South to Derment Rd. - 4 mi West to cop. Elevator - 3 mi South - 1 1/2 mi West - North into

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STATE CORPORATION COMMISSION

JUN 9 1993

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CRC  228  
CONSERVATION DIVISION  
Wichita, Kansas





# DOWELL SCHLUMBERGER INCORPORATED

P.O. BOX 4378 HOUSTON, TEXAS 77210

SPECIAL HANDLING

ORIGINAL

OILFIELD SERVICES  
INDUSTRIAL SERVICES

DSI SERVICE ORDER  
RECEIPT AND INVOICE NO.  
**03-12-5020**

DSI SERVICE LOCATION NAME AND NUMBER  
**WVSSSES KS**

CUSTOMER NUMBER  
CUSTOMER P.O. NUMBER

TYPE SERVICE CODE  
**285**

CUSTOMER'S NAME

**Cheyenne Drilling**

ADDRESS

CITY, STATE AND ZIP CODE

DSI will furnish and Customer shall purchase materials and services required in the performance of the following SERVICE INSTRUCTIONS or DSI INDUSTRIAL SERVICE CONTRACT NO. \_\_\_\_\_ in accordance with the terms and conditions as printed on the reverse side of this form.

**Cement #3190' 5 1/2 PRODUCTION CASING**

WORKOVER NEW WELL OTHER  W  N  N  
API OR IC NUMBER

ARRIVE LOCATION MO. DAY YR. TIME  
**2 2 93 2:00**

SERVICE ORDER RECEIPT  
I certify that the materials and services listed were authorized and received and all services performed in a workmanlike manner and that I have the authority to accept and execute this document.

JOB COMPLETION MO. DAY YR. TIME

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE  
**D. Quinn Bell**

STATE **KANSAS** CODE COUNTY / PARISH **Morton** CODE CITY **N/A**

WELL NAME AND NUMBER / JOB SITE  
**Kinsler "A"**

LOCATION AND POOL / PLANT ADDRESS  
**SEC 4-32S-40W**

SHIPPED VIA  
**D/S**

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
02871-035	Pump Charge 3001-3500	EA	1	1280.00	1280.00
049102-000	Deliver Charge	TM	100	0.88	615.78
049100-000	Service Charge	CHRT	785	1.20	941.76
059697-000	PACR	EA	1	140.00	140.00
059200-002	Mileage	MI	20	2.65	53.00
048601-000	Cement TRAD Rental	EA	1	63.00	N/C
40003-000	CLASS C D903	CHRT	610	7.98	4867.98
45008-000	Lite Poz III, D35	CHRT	140	3.94	551.60
45014-050	Gel D20	Lbs	2698	0.15	373.20
44003-025	Cellophane Flake, D29	Lbs	188	1.39	298.13
056011-065	5 1/2 Centralizers	EA	5	59.00	295.00
056704-054	5 1/2 Top Plugger Plug	EA	1	108.00	108.00
057499-001	Threshlock KIT	EA	1	25.00	25.00
050101-054	Cnt. Nose Guide Shoe	EA	1	145.00	145.00
053003-054	Auto Fill Flapper Insert	EA	1	230.00	230.00
SUB TOTAL					<b>Field Estimate \$</b>

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

LICENSE/REIMBURSEMENT FEE

STATE **KANSAS** COUNTY **Morton** CITY **N/A**

% TAX ON \$

SIGNATURE OF DSI REPRESENTATIVE: **A. L. Dildy**

TOTAL \$

RECEIVED STATE CORPORATION COMMISSION  
**JUN 9 1993**  
CONSERVATION DIVISION  
Wichita, Kansas

## GENERAL TERMS AND CONDITIONS

1. **AMENDMENTS.** Any modification of this document by the Customer, and all additional or different terms included in the Customer's purchase order or any other document responding to this contract, are hereby objected to. BY REQUESTING THE GOODS AND SERVICES SET FORTH HEREIN, BUYER AGREES TO ALL THE TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.

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 1½% per month or the maximum allowable by the applicable state 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 agrees to pay all fees directly or indirectly incurred for such collection.

3. **PRICES.** The products and services to be supplied hereunder shall be priced in accordance with DSI's current Price Schedule. As provided in DSI's Price Schedule, special jobs, under unusual conditions, will be subject to special price quotations to reflect increased or reduced costs.

4. **TAXES.** Any tax based on or measured by the charge for 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 this contract, and neither DSI nor anyone employed by DSI shall be the agent, representative, employee or servant of Customer in the performance of this contract or any part hereof.

6. **FORCE MAJEURE.** Any delays or failure by DSI in the performance of this contract shall be excused if and to the extent caused by war, fire, flood, strike, labor trouble, accident, riot, acts of God, or any contingencies beyond the reasonable control of DSI.

7. **DISPOSAL.** Disposal of the chemicals used in the performance of this contract is the responsibility of Customer. Customer agrees the chemicals will be disposed of in accordance with all applicable Federal, State and local laws and regulations.

12. **SEVERABILITY.** It is understood and agreed by the parties hereto that any part, term, or provision of this Contract prohibited by law shall be deemed invalid to the extent of such prohibition and shall be deemed modified to the extent necessary to conform to such rule of law.

### SPECIAL TERMS AND CONDITIONS

In addition to the foregoing General Terms and Conditions which are applicable to all services and products furnished by DSI, the following Special Terms and Conditions are applicable to Oil Field Services and Mining Services. In the event of any conflict, inconsistency, or incongruity between the General Terms and Conditions and the Special Terms and Conditions, the Special Terms and Conditions shall govern and control.

13. **WELL.** The term "well" as used herein shall also be construed to include and mean a "mine" or other property being serviced where the work to be performed involves DSI mining services.

14. **CUSTOMER'S RESPONSIBILITY & INDEMNITIES.** The parties agree that Customer has complete custody and control of the well, the conditions created in the well, the drilling equipment, well premises and access routes from highways to well locations. Customer will have the well in readiness for the service and, following service, will return the well to production. The parties further agree that unless caused by DSI's willful misconduct or failure to exercise good faith, Customer shall be fully responsible for and defend, indemnify and save harmless DSI, its officers, agents and employees against:

(i) Liability for damage to property of Customer (and well owner if different from Customer), this provision applying but not limited to subsurface damage and surface damage arising from subsurface damage including any liability based in whole or in part on the negligence of DSI.

(ii) Liability for reservoir loss or damage, or any property damage (including but not limited to damages caused by pollution or contamination), or personal injuries resulting directly or indirectly from subsurface pressure, well blowout or cratering, or losing control of the well including any liability based in whole or in part on the negligence of DSI.

(iii) Liability for any damages whatever resulting directly or indirectly from a subsurface trespass, pollution or contamination arising out of any servicing operation performed by DSI or Customer including any liability based in whole or in part on the negligence of DSI.

(iv) Liability for injury to persons (including death) or damage to property, other than employees and property of DSI, growing out of or in any way, connected with the use of materials in the well which are radioactive, poison, toxic or otherwise hazardous including any liability based in whole or in part on the negligence of DSI.

8. **PRODUCT SALES AND RENTALS - WARRANTY.** DSI warrants only that products (including tools, supplies and materials) furnished shall conform to the quality and specification represented and that DSI can convey good title; DSI MAKES NO WARRANTY OF MERCHANTABILITY, OR THAT SAID PRODUCTS SHALL BE FIT FOR ANY PARTICULAR PURPOSE, NOR IS THERE ANY OTHER WARRANTY EXPRESSED OR IMPLIED EXCEPT AS EXPRESSLY STATED HEREIN. DSI's liability and Customer's exclusive remedy for any cause of action arising out of a product sale or rental pursuant hereto is expressly limited at DSI's option to (a) replacement or such product upon its return to DSI or (b) allowance to Customer of credit for the cost of such product.

9. **SERVICE WARRANTY.** In interpreting information and making recommendations, either written or oral, as to type or amount of material or service 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 in the field. 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 SERVICES RENDERED.

10. **LIABILITY AND INDEMNITY.** Customer, agrees to be responsible for and to defend, indemnify and save harmless DSI, its officers, agents and employees, from any and all claims, loss, damage or expense by reason of accident, injuries, damages or hurt to any person or property, including property of DSI or Customer, that may occur in connection with or related to the performance of this contract and which is caused in whole or in part by the negligent act or omission of Customer, its agents, servants or employees and whether or not caused in part by the negligent act or omission of DSI. In no event shall DSI be liable for any special, incidental, indirect, punitive, or consequential damage, including, but not limited to, loss of use or loss of profit, for breach of contract, negligence (including DSI's sole negligence) or any other cause of action.

11. **DSI.** The term "DSI" as used herein is an abbreviation of Dowell Schlumberger Incorporated and where used throughout this agreement, shall be construed to mean Dowell Schlumberger Incorporated, a Delaware corporation.

(v) Liability for damages to property of customer or third parties or injuries to persons caused or alleged to have been caused by contamination or pollution from the application or use of products designed to control dust, wind erosion, product loss, sealing of ponds, reservoirs, irrigation canals, or sanitary landfills including any liability based in whole or in part on the negligence of DSI.

(vi) Liability for injury to persons (including death) or damage to property growing out of or in any way connected to the use of various equipment provided by DSI at no cost for the sole convenience of and use by the Buyer including any liability based in whole or in part on the negligence of DSI.

(vii) Liability for damage to property of Customer (and well owner if different from Customer) resulting, directly or indirectly, from tools or instruments of DSI being lost in a well, including any liability based in whole or in part on the negligence of DSI.

15. **DOWN - HOLE TOOLS AND INSTRUMENTS.** If tools or instruments of DSI are lost in a well, Customer agrees to make a reasonable effort at Customer's risk and expense to recover same; and, if unable to recover, to pay DSI for same unless such loss or damage was caused solely by DSI's negligence.

16. **OFFSHORE & MARINE OPERATIONS.** For offshore marine operations Customer agrees to insure against loss and assumes full responsibility for damage to equipment furnished by DSI from time of delivery to Customer at landing until returned to landing when transported on craft, or located on platforms not owned or leased by DSI.

Customer shall furnish transportation for crew changes at customers expense.

Kinsler A

Sec. 4-325-40w

T.D. 3189

T.P. 3200

Shoe Int. 46

Displace to 3154 75 bbls.

400 sks.  $\frac{65}{35}$   $\frac{1}{2}$  P<sub>02</sub> + 6% D20 +  $\frac{1}{4}$   $\frac{1}{5}$  SK D29  
yield 2.1 149 bbls.

350 sks. Class C +  $\frac{1}{4}$   $\frac{1}{5}$  SK D29  
y.l. 32 82 bbls.

75 bbls. cnt. Ret.  
200 sks Ret.

Bump Plug to 1420 psi

	Average	Rate	Psi
Lead		8	410
Tail		8	290

RECEIVED  
STATE CORPORATION COMMISSION

JUN 9 1993

CONSERVATION DIVISION  
Wichita, Kansas

CEMENTING SERVICE REPORT



DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER	5020	DATE	2/2/93
STAGE	DS	DISTRICT	03-12 UKS

DS-498 PRINTED IN U.S.A.

WELL NAME AND NO.	Kinsler "A"		LOCATION (LEGAL)	Sec. 4-325-40w
FIELD-POOL	Horton		FORMATION	
COUNTY/PARISH	Morton	STATE	KS.	API. NO.
NAME	Cheyenne Drilling			
AND				
ADDRESS				
ZIP CODE				

RIG NAME:	Cheyenne #3		
WELL DATA:	BOTTOM	TOP	
BIT SIZE	7 7/8	CSG/Liner Size	5 1/2
TOTAL DEPTH	3179	WEIGHT	15.5
<input type="checkbox"/> PROT <input type="checkbox"/> CABLE	FOOTAGE	3200	ORIGINAL
MUD TYPE	GRADE		
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD	8 RJ	
MUD DENSITY	LESS FOOTAGE & JOINT(S)	46	TOTAL
MUD VISC	Disp. Capacity	3154	

SPECIAL INSTRUCTIONS

Provide materials and services to safely cement 5 1/2" production casing.

IS CASING/TUBING SECURED?  YES  NO

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

PRESSURE LIMIT 1000 PSI BUMP PLUG TO 1420 PSI

ROTATE \_\_\_\_\_ RPM RECIPROCATATE \_\_\_\_\_ FT No. of Centralizers 5

NOTE: Include Footage From Ground Level To Head In Dep. Capacity		
Float	TYPE Auto fill insert	DEPTH 3154
SHOE	TYPE Cont. Nose	DEPTH 3200
Head & Plugs	<input type="checkbox"/> TBG <input type="checkbox"/> D.P.	SQUEEZE JOB
<input type="checkbox"/> Double	SIZE	TOOL TYPE
<input checked="" type="checkbox"/> Single	<input type="checkbox"/> WEIGHT	DEPTH
<input type="checkbox"/> Swage	<input type="checkbox"/> GRADE	TAIL PIPE: SIZE DEPTH
<input type="checkbox"/> Knockoff	<input type="checkbox"/> THREAD	TUBING VOLUME Bbls
TOP <input type="checkbox"/> OR <input type="checkbox"/> W	<input type="checkbox"/> NEW <input type="checkbox"/> USED	CASING VOL. BELOW TOOL Bbls
BOT <input type="checkbox"/> OR <input type="checkbox"/> W	DEPTH	TOTAL Bbls
		ANNUAL VOLUME Bbls

TIME	PRESSURE		VOLUME PUMPED cpl.		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME	DATE	TIME	DATE	TIME	DATE	
01:31		10	20	-	8	H <sub>2</sub> O	8.33				
01:34		430	149	-	8	Cont.	12.2				
01:54		320	82	-	8	Cont.	14.8				
02:06											
02:13		10	75	-	7	H <sub>2</sub> O	8.33				
02:24		840	65	-	2.6						
02:26		1420	75	-	2.6						
02:27											
02:29											

SERVICE LOG DETAIL

01:31 PRE-JOB SAFETY MEETING Start pumping water

01:34 Start pumping lead cont.

01:54 Start pumping Tail cont.

02:06 Shut Down - Drop Plug - Wash lines

02:13 Start Displacement

02:24 Lower Pump Rate

02:26 Bump Top Plug

02:27 Release psi - Check Float

02:29 End Job

REMARKS Returned 200 sks. to pit

SYSTEM CODE	NO OF BAGS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
					BBLs	DENSITY
1.	400	2.1	65% 5/8" 102 + 6% 020 + 1/4 5/8" 029		149	12.2
2.						
3.	350	1.32	Class "C" + 1/4 5/8" 029		82	14.8
4.						
5.						
6.						

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX.
<input type="checkbox"/> HESTATION SO.	<input type="checkbox"/> RUNNING SQ	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Cement Circulated To Surf.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
BREAKDOWN	PSI FINAL	PSI	DISPLACEMENT VOL.	75 Bbls
Washed Thru Ports	<input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT <input checked="" type="checkbox"/> WIRELINE
PERFORATIONS	TO TO	TO TO	CUSTOMER REPRESENTATIVE	DS SUPERVISOR
			Duanic Bell	Spencer Ridgway

RECEIVED  
STATE DEPARTMENT OF REVENUE  
JAN 9 1993  
CONSERVATION DIVISION  
Topeka, Kansas



CEMENTING SERVICE REPORT



DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER **5020** DATE **2/2/93**  
 STAGE **DS** DISTRICT **03-12 UKS**

DS-498 PRINTED IN U.S.A.

WELL NAME AND NO. **Kinsler "A"** LOCATION (LEGAL) **Sec. 4-325-40W** RIG NAME **Cheyenne #3**  
 FIELD-POOL **Horton** FORMATION **KS.** WELL DATA: BIT SIZE **7 7/8** CSG/Liner Size **5 1/2** BOTTOM TOP  
 COUNTY **Morton** STATE **KS.** API. NO. TOTAL DEPTH **3189** WEIGHT **15.5**  
 NAME **Cheyenne Drilling** MUD TYPE **GRADE** FOOTAGE **3200**  
 AND **8 Rd** MUD DENSITY **46** LESS FOOTAGE (SHOE JOINTS) **46** TOTAL  
 MUD VISC **Disp. Capacity 3154**

NOTE: Include Footage From Ground Level To Head In Disp. Capacity  
 TYPE **Auto Fill insert** DEPTH **3154**  
 TYPE **Cnt. Nose** DEPTH **3200**

SPECIAL INSTRUCTIONS  
**Provide materials and services to safely cement 5 1/2 production casing.**

IS CASING/TUBING SECURED?  YES  NO  
 LIFT PRESSURE **1000** PSI CASING WEIGHT - SURFACE AREA (3.14 x R<sup>2</sup>)  
 PRESSURE LIMIT **1000** PSI BUMP PLUG TO **1420** PSI  
 ROTATE **5** RPM RECIPROCATATE **5** FT No. of Centralizers **5**

JOB SCHEDULED FOR TIME: **2:00** DATE: **2/2** ARRIVE ON LOCATION TIME: **2:00** DATE: **2/2** LEFT LOCATION TIME: **0300** DATE: **2/3**

TIME	PRESSURE		VOLUME PUMPED		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM				
01:31		10	20	-	8	H <sub>2</sub> O	8.33	PRE-JOB SAFETY MEETING Start pumping water
01:34		430	149	-	8	Cnt.	12.2	Start pumping lead cnt.
01:54		320	82	-	8	Cnt.	14.8	Start pumping Tail cnt.
02:06								Shut Down - Drop Plug - Wash lines
02:13		10	75	-	7	H <sub>2</sub> O	8.33	Start Displacement
02:24		840	65	-	2.6	↓	↓	Lower Pump Rate
02:26		1420	75	-	2.6	↓	↓	Bump Top Plug
02:27								Release psi - Check Float
02:29								End Job

REMARKS **Returned 200 SKS. to pit**

SYSTEM CODE	NO OF BAGS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED		
			BBLs	DENSITY	BBLs	DENSITY	
1.	400	2.1	65% S <sub>75</sub> + 62% D20 + 1/4 #512 D29	149	12.2		
2.							
3.	350	1.32	Class "C" + 1/4 #512 D29	82	14.8		
4.							
5.							
6.							

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX. STATE COMBINATION COMMISSION  
 RESTRICTION SQ.  RUNNING SQ. CIRCULATION LOST  YES  NO Cement Circulated To Surf. **75** Bbls.  
 BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. **75** Bbls. TYPE OF WELL  OIL  STORAGE  WATER  GAS  INJECTION  MISCAT  
 Washed Thru Parts  YES  NO TO FT. MEASURED DISPLACEMENT  WIRELINE  
 PERFORATIONS CUSTOMER REPRESENTATIVE **Duane Bell** DS SUPERVISOR **Spencer Ridgway**  
 TO TO TO TO CONSERVATION DIVISION **9 1993**  
 Wichita, Kansas