

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

API NO. 15- 055-21361 **ORIGINAL**

County Finney

NW - NW - SW Sec. 18 Twp. 25S Rge. 34W

Operator: License # 5293

2620 Feet from SN (circle one) Line of Section

Name: Helmerich & Payne, Inc.

500 Feet from EW (circle one) Line of Section

Address P.O. Box 558

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

City/State/Zip Garden City, KS 67846

Lease Name Tate Well # 1-2

Purchaser: Colorado Interstate Gas

Field Name Hugoton

Operator Contact Person: Ken Jehlik or Art Childers

Producing Formation Hugoton Chase

Phone (316) 276-3693

Elevation: Ground 2983 KB 29.94

Contractor: Name: Cheyenne Drilling

Total Depth 2760 PSTD 2728

License: 5382

Amount of Surface Pipe Set and Cemented at 837 Feet

Wellsite Geologist: None

Multiple Stage Cementing Collar Used? Yes X

Designate Type of Completion
 New Well Re-Entry Workover

If yes, show depth set _____ Feet

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

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ SK cm

If Workover/Re-Entry: old well info as follows

Drilling Fluid Management Plan ALT 2 9-18-95
(Data must be collected from the Reserve Pit)

Operator: MAR 02 1995

Chloride content 22000 ppm Fluid volume 200 bbl

Well Name: CONSERVATION DIVISION

Dewatering method used evaporation

Comp. Date Old Total Depth

Location of fluid disposal if hauled offsite:

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

Operator Name _____

Lease Name _____ License No. _____

12-17-94 12-20-94 2-27-95
Spud Date Date Reached TD Completion Date

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

STATE TEST

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.

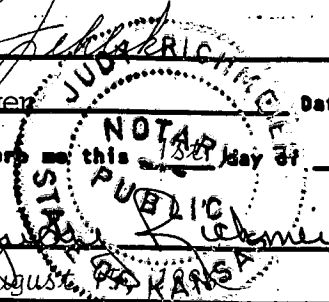
Signature Ken Jehlik AC

Title District Manager Date 3-1-95

Subscribed and sworn to before me this 1st day of March 19 95

Notary Public Judith K. Schmeiss

Date Commission Expires August



K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SVD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
<input type="checkbox"/>		<input type="checkbox"/> Other
(Specify)		

Operator Name Helmerich & Payne, Inc.

Lease Name Tate

Well # 1-2

Sec. 18 Twp. 25S Rge. 34

County Finney

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 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:

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Herington	2497	+497
Krider	2518	+476
Winfield	2546	+448
U. Fort Riley	2603	+391
L. Fort Riley	2654	+340

GR-CNL

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 1/2	8-5/8 "	24	837	65/35 Poz "C" Class C	2220 150	6% D-20 2% F-1 1/2# 7% flocele
Production	7-7/8	5 1/2"	15.5	2750	65/35 Poz "C"	350	2% F-1 1/4# 7% flocele
					50/50 Poz "C"	125	6% gel and 1/4# 7% flocele

ADDITIONAL CEMENTING/SQUEEZE RECORD

10% salt 2% gel 1/4# 7% flocele

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
2	2498 to 2516 Herington 2520-2535 Krider	Acidize w/2500 gallons 7 1/2% HCl	2498-2682'
2	2551 to 2577 Winfield	Frac w/ 60000 gallons 25# gel	
1	2610 to 2627 U. Fort Riley	60000 gallons x-link gel	
1 per 3'	2667 to 2682 L. Fort Riley	w/ 8500# 100mesh 57500# 20-40 205000# 10-20	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	2535	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method
2-27-95 State Test	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		77			

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACD-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled

Production Intervals: 2498' to 2682' overall

DOWELL SCHLUMBERGER INCORPORATED

P.O. BOX 4378 HOUSTON, TEXAS 77210

D.S.I. REPRESENTATIVE

OILFIELD SERVICES

DSI SERVICE ORDER
RECEIPT AND INVOICE NO.

DSI SERVICE LOCATION NAME AND NUMBER

CUSTOMER NUMBER

CUSTOMER P.O. NUMBER

TYPE SERVICE CODE

BUSINESS CODES

CUSTOMER'S
NAME

ADDRESS

CITY, STATE AND
ZIP CODE

WORKOVER W
NEW WELL N
OTHER

API OR IC NUMBER

IMPORTANT
SEE OTHER SIDE FOR TERMS & CONDITIONS

ARRIVE LOCATION MO. DAY YR. TIME
12 20 94 1:00

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

JOB COMPLETION MO. DAY YR. TIME
12 20 94 1:00

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 CODE COUNTY / PARISH CODE CITY
Kc 13 14000 15

WELL NAME AND NUMBER / JOB SITE

LOCATION AND POOL / PLANT ADDRESS

SHIPPED VIA

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
059200-002	material	mi	27	295	104.15
059200-000	material	mi	1	154.00	154.00
1.2871-000	material	mi	1	1790.00	1790.00
049100-000	material	mi	1	1.00	810.00
049100-000	material	mi	519	1.36	705.84
049100-000	material	mi	341	4.06	2636.46
045000-000	material	mi	1	4.34	807.76
045000-000	material	mi	1	81.40	81.40
045014-000	material	mi	2100	.17	357.00
045000-000	material	mi	114	1.77	210.63
045000-000	material	mi	10	14.25	142.50
052000-000	material	mi	1	260.00	260.00
056011-000	material	mi	1	346.00	346.00
056000-000	material	mi	1	15.00	15.00

SERVICE ORDER

RECEIVED
STATE CORPORATION COMMISSION
MAR 02 1995

RECEIPT

5046.33

SUB TOTAL

Field esti. 8139.24

LICENSE/REIMBURSEMENT FEE

LICENSE/REIMBURSEMENT FEE

REMARKS:

STATE % TAX ON \$

COUNTY % TAX ON \$

CITY % TAX ON \$

SIGNATURE OF DSI REPRESENTATIVE

TOTAL \$

John R. ...

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



Dowell SCHLUMBERGER INCORPORATED

TREATMENT NUMBER **05-12-0747** DATE **12-20-94**
 STAGE **DS** DISTRICT **1115280, KC**

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

WELL NAME AND NO. **Tato 1-2** LOCATION (LEGAL) **Sec. 8-25c-34u** RIG NAME **Thompson #5**

FIELD-POOL _____ FORMATION _____ WELL DATA: BIT SIZE **7 7/8** CSG/Liner Size **5 1/2** BOTTOM _____ TOP _____

COUNTY/PARISH **FILLMORE** STATE **KC** API. NO. _____ TOTAL _____

NAME **Holmoeich + Payne** MUD TYPE _____ GRADE **ISS**

AND _____ MUD DENSITY _____ LESS FOOTAGE SHOE JOINT(S) **??**

ADDRESS _____ MUD VISC. _____ Disp. Capacity **660**

ZIP CODE _____

SPECIAL INSTRUCTIONS _____

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

ORIGINAL

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE **1674** PSI CASING WEIGHT + SURFACE AREA (3.14 x R²) _____

PRESSURE LIMIT _____ PSI BUMP PLUG TO **2510** PSI

ROTATE _____ RPM RECIPROCATATE **15** FT No. of Centralizers **10**

Head & Plugs TBG D.P. SQUEEZE JOB

Double Single Swage Knockoff

TOOL TYPE _____ DEPTH _____

TAIL PIPE: SIZE _____ DEPTH _____

TUBING VOLUME _____ Bbls

CASING VOL. BELOW TOOL _____ Bbls

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											
2004											
2006			10								
2009	200	130									
2023	170		28								
2032	150	30									
2035	160		17								
2040											
2042	0	660									
2047	270		20								
2049	260		33								
2050	500		40								
2052	770		50								
2053	890		58								
2056	840		66								
2057	1630										
2058	2510										

RECEIVED
 STATE CORPORATION COMMISSION
 MAR 02 1995

REMARKS **2116 2500** **Island part of check float + holding**

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
			BLS	DENSITY	BLS	DENSITY
1.	350	206	65%	2500 + 60% gel + 4% 1029	128.4	12.2
2.						
3.	125	131	30%	2500 + 20% gel + 10% 1044 + 4% 1029	29.1	14.2
4.						
5.						
6.						

BREAKDOWN FLUID TYPE _____ VOLUME _____ DENSITY _____ PRESSURE _____ MAX. **90 MIN: K**

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

BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. **660** Bbls TYPE OF WELL OIL STORAGE BRINE WATER GAS INJECTION WILDCAT

Washed Thru Perfs YES NO TO _____ FT. MEASURED DISPLACEMENT WIRELINE

PERFORATIONS _____ CUSTOMER REPRESENTATIVE **Allen Dick** DS SUPERVISOR **James Equival**

WELL SCHLUMBERGER INCORPORATED
 P.O. BOX 4378 HOUSTON, TEXAS 77210

CUSTOMER

Tate 1-2
 KCSCC copy

OILFIELD SERVICES

DSI SERVICE ORDER
 RECEIPT AND INVOICE NO.
 6735

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

CUSTOMER NUMBER CUSTOMER P.O. NUMBER TYPE SERVICE CODE BUSINESS CODES
 271

CUSTOMER'S NAME
 C. Argonne Drilling Inc.

WORKOVER NEW WELL OTHER W N API OR IC NUMBER

ADDRESS
 CITY, STATE AND ZIP CODE

ORIGINAL

IMPORTANT - SEE OTHER SIDE FOR TERMS & CONDITIONS
 ARRIVE LOCATION MO. DAY YR. TIME
 12 18 94 02:00

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.

Safety cont 9" surface casing as per customers orders with following materials:

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE
 Tom Harmon

JOB COMPLETION MO. DAY YR. TIME
 12

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

STATE CODE COUNTY / PARISH CODE CITY
 KS. 15 Finney 055

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE
 Tom Harmon

WELL NAME AND NUMBER / JOB SITE LOCATION AND POOL / PLANT ADDRESS SHIPPED VIA
 TARC #1-2 SEC. 18-255-346 Dowell

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
102871-010	Pump chg.	EQ.	1	840.00	840.00
049102-000	DEL. chg.	TR. MI.	637	1.00	637.00
049100-000	SEPV. chg.	CU. FT.	405	1.36	550.80
058697-000	POUR. chg.	EG.	1	159.00	159.00
059200-002	M.L. chg.	MI.	36	2.95	106.20
040003-000	C' CMT. D903	CU. FT.	296	9.05	2681.26
045008-000	POZ D-35	CU. FT.	77	4.39	338.03
045014-050	B-CL D-20	LB.	1160	.17	197.20
067005-100	CAL. CHL. S-1	LB.	665	.40	266.00
044003-025	C.L. PLK D-29	LB.	93	1.71	169.61
056702-085	8 1/2" TOP RUB. PLUG	EQ.	1	109.00	109.00
048601-000	CMT H990	EQ.	1	70.00	70.00
056015-085	BAFFLE PLATE ALUM. TYPE 8 1/2"	EQ.	1	89.00	89.00
057499-001	K232 Jid Lock Kit	EQ.	1	28.00	28.00
				505532.00	6166.60
					1973.31
					4193.29

SERVICE ORDER RECEIPT

RECEIVED STATE CORPORATION COMMISSION

MAR 02 1995

CONTRACTS DIVISION WICHITA, KANSAS

Field Est. \$ 4,193.29

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

Ret Pearson

TOTAL \$

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER 03-12-6735	DATE 12-18-94
STAGE DS	DISTRICT 03 12

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

WELL NAME AND NO. YOTE #1-2	LOCATION (LEGAL) SEC. 18-255-34W
FIELD-POOL Husaton	FORMATION
COUNTY/PARISH Finney	STATE KS, APL. NO.

RIG NAME: CHEYENNE #6	WELL DATA:	BOTTOM	TOP
BIT SIZE 12 1/4	CSG/Liner Size 8 1/2		
TOTAL DEPTH 745	WEIGHT 24		
<input type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE 840		
MUD TYPE	GRADE		
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD 8RD		
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S) 41		TOTAL
MUD VISC.	Disp. Capacity 509		

NAME Cheyenne Drilling Inc.

AND _____

ADDRESS _____

ZIP CODE _____

SPECIAL INSTRUCTIONS
Shaffer spec 90 surface as per customer request as follows

ORIGINAL

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE 345 PSI CASING WEIGHT + SURFACE AREA (3.14 x R²)

PRESSURE LIMIT 1000 PSI BUMP PLUG TO 1010 PSI

ROTATE RPM RECIPROCATATE FT No. of Centralizers

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

Float	TYPE	Baffle Plate	TYPE	
	DEPTH	799	DEPTH	
SHOE	TYPE	TA. Pat.	TYPE	
	DEPTH	840	DEPTH	

Head & Plugs TBG D.P. SQUEEZE JOB

Double WEIGHT TOOL TYPE

Single GRADE TAIL PIPE: SIZE DEPTH

Swage THREAD TUBING VOLUME Bbls

Knockoff NEW USED CASING VOL. BELOW TOOL Bbls

TOP OW DEPTH TOTAL Bbls

BOT OW ANNUAL VOLUME Bbls

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
09:10											
09:40											
09:44		20		10	5.9	H2O	8.3				
09:47		190		8	5.8	CMT	12.2				
09:58		170	82	87	5.8	CMT	12.2				
10:02		200	35		5.8	CMT	14.8				
10:07		210		26	5.8	CMT	14.8				
10:09											
10:12		200	51		7	H2O	8.3				
10:17		260		28	5.5	H2O	8.3				
10:20		250		43	8	H2O	8.3				
10:23		1010		51	2	H2O	8.3				
10:25		480									

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
			1	2	3	4	BBLs	DENSITY
1.	220	2.1	35	0.2	60	0-24	87	12.2
2.								
3.	180	1.32	10	2.5	1	4 SK 0-24	26	14.8
4.								
5.								
6.								

BREAKDOWN FLUID TYPE

HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO

BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. 51 Bbls

Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT WIRELINE

PERFORATIONS TO TO CUSTOMER REPRESENTATIVE Tom H. [Signature]

DS SUPERVISOR [Signature]