

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

API NO. 15- 093-21204-600 ORIGINAL
County Kearny
Approx SW- SE-NE Sec. 14 Twp. 26^S Rge. 35 X

Operator: License # 5293
Name: Helmerich & Payne, Inc.
Address P.O. Box 558
City/State/Zip Garden City, KS 67846

2970 Feet from (S)N (circle one) Line of Section
1190 Feet from (E)W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, (SE) NW or SW (circle one)

Purchaser: _____
Operator Contact Person: Ken Jehlik or Millard Lindsay
Phone (316) 276-3693
Contractor: Name: Cheyenne Drilling
License: 5382
Wellsite Geologist: GEO

Lease Name Flint Hills Well # 1
Field Name Unnamed
Producing Formation Lansing F
Elevation: Ground 3002 KB 3013
Total Depth 5200 PBTD 5166
Amount of Surface Pipe Set and Cemented at 1886 Feet
Multiple Stage Cementing Collar Used? X Yes _____ No _____
If yes, show depth set 3091 Feet
If Alternate II completion, cement circulated from 3091
feet depth to Surface w/ 500 sx cat

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

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) *ALT 1 7-16-92 DJW*
Chloride content _____ ppm Fluid volume _____ bbl
Dewatering method used _____

If 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. _____
3-27-92 4-5-92 7-8-92
Spud Date Date Reached TD Completion Date
State Test

Location of fluid disposal if hauled offsite:
Operator Name _____
Lease Name _____ License No. _____
_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W
County _____ Docket No. _____

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
Title District Production Engineer Date 7-9-92

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

Subscribed and sworn to before me this 9th day of July 19 92
Notary Public Judith Richmeier
Data Commission Expires August 15, 1992

RECEIVED
STATE CORPORATION COMMISSION
JUL 10 1992
CONSERVATION DIVISION
Wichita, Kansas
26/10/92

Operator Name Helmerich & Payne, Inc.

Lease Name Flint Hills

Well # 1

Sec. 14 Twp. 26^S Rge. 35
 East
 West

County Kearny

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: DI-GR, Sonic, FDC-CNL, Microlog.

See attached for DST's

Log		Formation (Top), Depth and Datum	Sample Datum
<input checked="" type="checkbox"/>	Name	Top	Datum
	Heebner	3820	
	Lansing A	3909	
	KC A	4278	
	Marmaton C	4420	
	Morrow	4887	
	St Gen	4972	
	St Louis B	5048	
	St Louis D	5151	
	LTD	5207	

CASING RECORD <input 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	12 $\frac{1}{2}$	8-5/8	24 & 32	1886	{ 65/35 Poz C Class H	580 150	6% gel, 2% CC 2% CC, 1/4% flake
Production	7-7/8	5 $\frac{1}{2}$	14	5200	{ 50/50 Poz C 65/35 Poz C 50/50 Poz C	360 350 150	2% gel, 10% sal 1/4% flake, 2% CC 2% gel, 10% sal 1/4% flake
			Top Stage				

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				Stage tool @ 3091

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
4	5048-5052 St Louis B CIBP @ 5025	750 gals 15% HCl	
4	4129-4134 Lansing F	750 gals 15% HCl - 50 sks Class H	
4	4129-4134 Lansing F	750 gals 15% HCl	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-3/8	4232	None	

Date of First, Resumed Production, SWD or In.) 5-28-92 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	26.7	0	12		

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval 4129-4134



ORIGINAL

HELMERICH & PAYNE, INC. WICHITA AT TWENTY-FIRST - TULSA, OKLAHOMA 74114

KANSAS DISTRICT
PRODUCTION DEPARTMENT

REPLY TO: P.O. BOX 558
GARDEN CITY, KANSAS 67846

Flint Hills #1
Drill Stem Tests

API# 15-093-21204

DST #1 Lansing F 4124-4136

IH - 2045
30" IFP - 64-112
60" ISIP - 1032
FH - 2028

(Aborted final open on test)

Recovery:
180' GIP
80' OCM
60' OCM & sulphur water

DST #2 St. Louis B 5030-5100

IH - 2480
30" IFP - 48 to 48
60" ISIP - 354#
60" FFP - 48 to 48
120" FSIP - 225#
FH - 2464

Recovery:
60' OCM

DST #3 St. Louis C 5080-5140

IH - 2543
30" IFP - 96 to 96
60" ISIP - 967
60" FFP - 96 to 96
120" FSIP - 822
FH - 2511

Recovery:
120' mud

DST #4 - Hit bridge. Aborted test.

DST #5 - Hit bridge. Aborted test.

RECEIVED
STATE CORPORATION COMMISSION
JUL 10 1992
CONSERVATION DIVISION
Wichita, Kansas

DRILLERS LOG

ORIGINAL

HELMERICH & PAYNE, INC.
FLINT HILLS #1
SECTION 14-T26S-R35W
KEARNY COUNTY, KANSAS

COMMENCED: 03-27-92
COMPLETED: 04-10-92

SURFACE CASING: 1873' OF 8 5/8"
CMTD W/580 SX 65/35 POZ, 6% GEL,
2% C.C., 1/4#/SX D-29; TAILED IN W/
150 SX "C", 2% C.C., 1/4#/SX D-29
API #15-093-21204

FORMATION	DEPTH
SURFACE HOLE	0-1890
RED BED	1890-2515
SHALE & SAND	2515-2860
SHALE & LIME	2860-3172
LIME & SHALE	3172-4144
LIME	4144-4485
LIME & SHALE	4485-5100
LIME	5100-5200 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

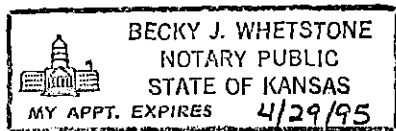
RECEIVED
STATE CORPORATION COMMISSION

JUL 10 1992

CONSERVATION DIVISION
Wichita, Kansas

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 10TH DAY OF APRIL, 1992.



Becky J. Whetstone
BECKY J. WHETSTONE, NOTARY PUBLIC

DOWELL SCHLUMBERGER INCORPORATED

P.O. BOX 4378 HOUSTON, TEXAS 77210

D.S.I. REPRESENTATIVE

OILFIELD SERVICES	<input checked="" type="checkbox"/>
INDUSTRIAL SERVICES	<input type="checkbox"/>

DSI SERVICE ORDER
RECEIPT AND INVOICE NO.
03-12-4387

DSI SERVICE LOCATION NAME AND NUMBER
Ulysses KS 03-12

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

CUSTOMER'S NAME
Chetanne Drilling

WORKOVER W
NEW WELL N
OTHER O
API OR IC NUMBER

ADDRESS

ARRIVE LOCATION MO. DAY YR. TIME
3 28 92 2130

CITY, STATE AND ZIP CODE

SERVICE ORDER RECEIPT

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.

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.

**cut 7900' 8 5/8" 3015' with 585 x 65 35165 (240) +
6 3/4" 220 + 2 1/2" Calc + 4 1/2" 15K 029
150 x 65 C + 2 1/2" Calc + 4 1/2" 15K 029**

JOB COMPLETION MO. DAY YR. TIME
3 29 92 0305

STATE	CODE	COUNTY / PARISH	CODE	CITY
Kansas		Keosauqua		

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE
[Signature]

WELL NAME AND NUMBER / JOB SITE
Flint Hills #1

LOCATION AND POOL / PLANT ADDRESS
Sec 14-265-35W

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
059100-002	Drill pipe chg	ML	30	2.65	79.50
102871-080	Temp chg	EA	1	1050.00	1050.00
0591697-000	Tool	EA	1	135.00	135.00
049100-000	Service chg	FT3	806	1.15	926.90
049102-000	Hauling chg 49.00-2" x 30m	TWAL	1036	.84	870.24
040003-000	Class C	FT3	527	7.75	4084.25
045008-000	Lite P023	FT3	203	3.83	777.49
045014-050	U20 BENTONITE	LB	3027	.16	484.32
062005-100	Calc	LB	1290	.34	438.60
044003-025	029 Cellophane FLUXE	LB	182	1.53	278.46
057499-001	THREAD LOCK	EA	1	23.50	23.50
056015-085	BAFFLE PLATE	EA	1	74.00	74.00
057998-000	CENTRALIZERS	EA	3	30.00	90.00

ORIGINAL
ORDER
RECEIPT

Field Estimate # 9912 ²¹⁰ LESS 44% # 5214 ⁸⁷

LICENSE/REIMBURSEMENT FEE

REMARKS: **THREADS FOR USING DS**

STATE	% TAX ON \$
COUNTY	% TAX ON \$
CITY	% TAX ON \$
SIGNATURE OF DSI REPRESENTATIVE	TOTAL \$

RECEIVED
STATE CORPORATION COMMISSION
JUL 10 1992
CONSERVATION DIVISION
Wichita, Kansas

CEMENTING SERVICE REPORT



TREATMENT NUMBER 03-12-4387 DATE 3-28-92
 STAGE DS DISTRICT 0143363 K5

DS-496 PRINTED IN U.S.A.

DOWELL SCHLUMBERGER INCORPORATED

WELL NAME AND NO. Flint Hills #1 LOCATION (LEGAL) Sec 14-263-35W RIG NAME: CHEYENNE

WELL DATA: BIT SIZE 12 1/4 CSG/Liner Size 8 5/8 BOTTOM TOP

TOTAL DEPTH 1844.04 WEIGHT 243 32" FOOTAGE 146.25 1230 58

MUD DENSITY 4.44 MUD VISC. 41.14 72.78 TOTAL 113.94

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

COUNTY/PARISH Lawrence STATE Kansas API. NO.

NAME Cheyenne Drilling AND ADDRESS ZIP CODE

SPECIAL INSTRUCTIONS FORASH MATERIALS & EQUIPMENT FOR 8 5/8 SURFACE PIPE

Head & Plugs TBG D.P. SQUEEZE JOB

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE 777 PSI CASING WEIGHT + SURFACE AREA (3.14 x R²)

PRESSURE LIMIT PSI BUMP PLUG TO PSI

ROTATE RPM RECIPROCATE FT No. of Centralizers 3

JOB SCHEDULED FOR TIME 2230 DATE 3-28 ARRIVE ON LOCATION TIME 2230 DATE: LEFT LOCATION TIME 0345 DATE: 3-29-92

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:
0150											
0158	2900										
0158		220	10		5	Filt	8.34				
0200		220	27	10	7	Gr	12.2				
0231		200	35	227	7	Gr	14.8				
0234				242	-						
0238				242	-						
0238			114	242	8	Filt	8.34				
0243	180		30		5						
0248	270		60		5						
0252	350		80		4						
0255	420		74		2						
0305	510		114		2	✓					
0306	1160		114		-						

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED BBLs	
						DENSITY
1.	580	2.1	45/35 (C/P02) + 6% 20 + 2% CALC + 44" 13K D29		21.8	12.2
2.	150	1.32	1/155 C + 2% 0.5 + 14" 13K D29			14.8
3.						
4.						
5.						
6.						

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX.

HESITATION SO. RUNNING SO. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO 54 Bbls.

BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. 114 Bbls TYPE OF WELL OIL STORAGE BRINE WATER GAS INJECTION WILDCAT

Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT WIRELINE

PERFORMANCES CUSTOMER REPRESENTATIVE Phil Loyd DS SUPERVISOR Green Greenink

RECEIVED STATE CORPORATION COMMISSION WICHITA, KANSAS JUL 10 1992 NONSOLIDATION DIVISION

CUSTOMER COPY



REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
216516	04/08/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
FLINT HILLS 1		KEARNY		KS	SAME
SERVICE LOCATION	CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL	CHEYENNE 1		CEMENT PRODUCTION CASING		04/08/1992
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
379060	LARRY SEIGRIST			COMPANY TRUCK	32638

HELMERICH & PAYNE INC
P.O. BOX 558
ATTN: MILLARD LINDSAY
GARDEN CITY, KS 67846

ORIGINAL

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
71 813.80300	MULT STAGE CMTR-5-1/2 8RD	1	EA	2,450.00	2,450.00
594 801.03748	5 1/2" LATCH DOWN BAFFLE	1	EA	114.00	114.00
504-050	PREMIUM PLUS CEMENT	255	SK	8.19	2,088.45
506-105	POZMIX A	255	SK	4.32	1,101.60
506-121	HALLIBURTON-GEL 2%	9	SK	0.00	N/C
504-120	HALL. LIGHT -PREMIUM PLUS	350	SK	7.35	2,572.50
507-145	CFR-2	321	LB	3.85	1,235.85
507-210	FLOCELE	215	LB	1.30	279.50
509-406	ANHYDROUS CALCIUM CHLORIDE	6	SK	26.50	159.00
509-968	SALT	2720	LB	.10	272.00
500-207	BULK SERVICE CHARGE	925	CFT	1.15	1,063.75
500-306	MILEAGE CMTG MAT DEL OR RETURN	2590.575	TMI	.80	2,072.46
INVOICE SUBTOTAL					22,345.11
DISCOUNT-(BID)					3,474.53
INVOICE BID AMOUNT					18,870.58
*-KANSAS STATE SALES TAX					634.18
*-SEWARD COUNTY SALES TAX					149.25
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					19,654.01

RECEIVED
STATE CORPORATION COMMISSION
JUL 10 1992
CONSERVATION DIVISION
Topeka, Kansas

TERMS: NET 30 DAYS. PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE UPON RECEIPT OF INVOICE. PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST

TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
			T	C	TUBING	CASING	
4-7 2330							Called out
4-8 0300							on Loc
0430							Start Casing
0745							Head on + circulating
0815							Casing Ported - w.o.o.
1200							Crew Released - Pick up More Fleet Egs
2000							Called out
2245							
2245							ORIGINAL on Loc
4-9 0130							Start Casing
0515							Head on + circulating
0550	6	12			250	250	Pump Mud Flush
0552	6				400	400	Pump Cement - 1st stage
0612		8 1/2					Shut Down - Release Plug - Wash P+L
0616	6				200	200	Start Displacement w/water
0626	6	60			250	250	Switch To Mud Displ.
0631	6	85			300	300	Caught Cement
0637	3	116			1200	750	Slow Rate
0641		127 1/2				1250	Landed Plug
0645							Release DV opening device
0700						1100	Pressure up TO open DV Tool
0701	5					250	DV opened - Pump Mud
0703		10					Shut Down - Hook To Pump To Circulate
1307	6	10				250	Pump Water
1309	6					300	Pump Cement - 2nd stage
1345		16 1/2					Shut Down - Release Plug - Wash P+L
1348	6					200	Start Displacement
1353	6	30				250	Caught Cement
1359		65				850	Slow Rate
1403		76				1800	Landed Plug + Close DV Tool
1404							Release Pressure - DV Tool Released.
							Job Complete
							Circulated Cement To Surfaces 2nd Stage
							Thank you
							Larry Smith + crew

RECEIVED
 STATE CORPORATION COMMISSION
 CONSERVATION DIVISION
 Wichita, Kansas
 APR 10 1992