

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- 055-215480000

County Finney

- NW - NE - NE Sec. 34 Twp. 26 Rge. 34 ^E _W

5130 Feet from N (circle one) Line of Section

1250 Feet from W (circle one) Line of Section

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

Lease Name Curry Well # 3-2

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2988 KB 2998

Total Depth 2865 PBDT 2839

Amount of Surface Pipe Set and Cemented at 530 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 2855

feet depth to 120' w/ 575 sx' cmt.

Drilling Fluid Management Plan A.H. 2 OK'd in Dist. 1
(Data must be collected from the Reserve Pit) 1-28-98 U.C.

Chloride content 55000 ppm Fluid volume: 2000 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name 5-13-97

Lease Name _____ License No. _____

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

County _____ Docket No. _____

Operator: License # 5293

Name: Helmerich & Payne, Inc.

Address 2606 Fleming

City/State/Zip Garden City, Ks. 67846

Purchaser: CLG

Operator Contact Person: Ken Jehlik

Phone (316) 276-3693

Contractor: Name: Cheyenne Drlg

License: _____

Wellsite Geologist: None

Designate Type of Completion
 New Well Re-Entry Workover

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

If Workover/Reentry: Old Well Info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

3-28-97 3-31-97 5-5-97
Spud Date Date Reached TD Completion Date
State Test

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 Manager Date 5-10-97

Subscribed and sworn to before me this 12 day of May 19 97.

Notary Public Judy R. ...

Date Commission Expires August 15, 2000

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Operator Name Helmerich & Payne, Inc. Lease Name Curry Well # 3-2

Sec. 34 Twp. 26S Rge. 34
 East
 West

County Finney

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 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			
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E.Logs Run: Cased hole GRN				

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	530	Howcolite C Class C	175 100	2% flocele, 2% CC
Production	7-7/8	5 1/2	14	2855	65/35 C	450	2% flocele
					50/50 Poz C	125	10% salt

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-120	65/35 Poz C	15	Fill void in 8-5/8 x 5 1/2 annulus PSF annulus to 660#.

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	2601-2642 Herington/Krider	2500 gal 7 1/2% HCl acid,	
2	2658-2680 Winfield	41000 gal 20# linear gel, 21800 gal 75# foam	
1	2718-2728 U. Ft. Riley	15000 gal 65Q foam, 6000# 30-70sd, 22500# 16-30sd, 105000# 12-20sd, 25000# 20-40sd	

TUBING RECORD	Size None	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 4-29-97	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. 0	Gas Mcf 659	Water Bbls. 0	Gas-Oil Ratio Gravity

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

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

Production Interval: 2601-2728

DOWELL

DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION

P.O. BOX 4378 HOUSTON, TEXAS 77210

SPECIAL HANDLING

KSCC
5 1/2 C59

OILFIELD SERVICES

Dowell Service Order Receipt & Invoice No. 03-12-9099
 Dowell Service Location Name and Number 03-12 4645005

IMPORTANT
SEE OTHER SIDE FOR TERMS & CONDITIONS

ARRIVE LOCATION	MO.	DAY	YR.	TIME
3	31	97		0500

CUSTOMER'S NAME 74 Elmerick & Payne
 ADDRESS _____
 CITY, STATE AND ZIP CODE _____

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
J. Michael [Signature]

ORIGINAL

Dowell 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.

Safety unit 5 1/2 C59 as per customer's instructions

JOB COMPLETION

JOB COMPLETION	MO.	DAY	YR.	TIME
3	31	97		0900

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
J. Michael [Signature]

CUSTOMER NUMBER	CUSTOMER PO/CONTRACT NUMBER	TYPE SERVICE CODE	WORKOVER NEW WELL OTHER	W N O	AFE NUMBER
		285			

STATE	CODE	COUNTY/PARISH	CODE	CITY
Kc	15	Singer	055	

WELL NAME AND NUMBER/JOB SITE	LOCATION NAME AND NUMBER/OFFSHORE PLATFORM
Curry 2-2	SEC. 34-265-34W

ACCOUNTING CODES	ROUND TRIP MILEAGE
	110

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
102574030	2400L	EA	1496	1560.00	1560.00
049102-000	Oil chg.	EA	1	1.15	1675.50
049100-000	Brk chg.	EA	629	1.32	962.27
059697-000	Prism Acc	EA	1	179.00	179.00
059200-002	Millegat	EA	55	3.15	173.25
043601-000	Cist Head	EA	1	7.00	n/c
040003-000	'C' Liner	SK	355	10.94	3883.20
101545-000	P02	SK	221	4.70	1038.70
045014-050	G-26	LB	2680	.18	482.40
045004-050	SGLT	EA	594	.14	83.16
044002-050	FL96 FLUID LOSS	EA	81	10.04	813.24
047002-050	anti FOAMER	EA	21	3.68	77.28
044003-025	Gate 1 P-2 FLK	EA	144	1.91	275.04
056702-054	TOP Plug	EA	1	83.00	83.00
053003-054	ANTI FOAMER	EA	1	286.00	286.00
056011-054	Centralizers	EA	9	73.00	657.00

SERVICE ORDER RECEIPT

Sub Total \$ 122,295.66

LICENSE/REIMBURSEMENT FEE	
LICENSE/REIMBURSEMENT FEE	
REMARKS:	STATE % TAX ON \$
	COUNTY % TAX ON \$
	CITY % TAX ON \$
SIGNATURE OF DOWELL REPRESENTATIVE	TOTAL \$
<u>Kc [Signature]</u>	

CEMENTING SERVICE REPORT

Schlumberger
Dowell

TREATMENT NUMBER: 05-12-9117
DATE: 4-7-97
STAGE: 1 DS DISTRICT: Ulysses, KS

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

WELL NAME AND NO. *Curry #3-2*
 LOCATION (LEGAL) *Sec. 33-26-34*
 FIELD-POOL *Hugoton*
 FORMATION *Chase*
 COUNTY/PARISH *Hearney*
 STATE *KS* API. NO.
 NAME *Helmerich + Payne*
 AND
 ADDRESS
 ZIP CODE

RIG NAME:
 WELL DATA: BOTTOM TOP
 BIT SIZE CSG/Liner Size
 TOTAL DEPTH WEIGHT
 ROT CABLE FOOTAGE
 MUD TYPE GRADE
 BHST BHCT THREAD
 MUD DENSITY LESS FOOTAGE SHOE JOINT(S)
 MUD VISC. Disp. Capacity
 NOTE: Include Footage From Ground Level To Head In Disp. Capacity

ORIGINAL

SPECIAL INSTRUCTIONS

Float TYPE DEPTH
 Single Tool TYPE DEPTH
 Shoe TYPE DEPTH
 Head & Plugs TBG D.P. SQUEEZE JOB
 Double SIZE
 Single WEIGHT
 Swage GRADE TAIL PIPE: SIZE DEPTH
 Knockoff THREAD TUBING VOLUME Bbls

IS CASING/TUBING SECURED? YES NO
 UFT PRESSURE PSI CASING WEIGHT + SURFACE AREA (3.14 x R²)
 PRESSURE LIMIT PSI BUMP PLUG TO PSI
 ROTATE RPM RECIPROCATATE FT No. of Centralizers

TOP OR W NEW USED CASING VOL. BELOW TOOL Bbls
 BOT OR 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											
1400											PRE-JOB SAFETY MEETING
1413	0	0	5.7	0	2	Cmt	12.1				Start Cement
1416		660		5.7							Shutdown
1419		376									Bleed down pressure
1421		0									Bleed off pressure job complete

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBLs	DENSITY
1.	15	2.15	Class C + Pac 35/65 6% D20				5.7	12.1
2.								
3.								
4.								
5.								
6.								

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX. 660 MIN: 0
 HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO Bbls
 BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. Bbls TYPE OF WELL OIL STORAGE BRINE WATER
 GAS INJECTION WILDCAT
 Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT WIRELINE
 PERFORATIONS TO TO CUSTOMER REPRESENTATIVE DS SUPERVISOR
Mick Luke lady *David J. Brantley*

CEMENTING SERVICE REPORT

Schlumberger
Dowell

TREATMENT NUMBER: 05-12-9117 DATE: 4-7-97
STAGE: 1 DS DISTRICT: Ulysses, KS

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

WELL NAME AND NO. *Curry #3-2* LOCATION (LEGAL) *Sec. 33-26-34*
 FIELD-POOL *Hugoton* FORMATION *Chase*
 COUNTY/PARISH *Hearney* STATE *KS* API. NO. _____
 NAME *Helmerich + Payne*
 AND _____
 ADDRESS _____
 ZIP CODE _____

RIG NAME: _____
 WELL DATA: BOTTOM TOP
 BIT SIZE CSG/Ulner Size
 TOTAL DEPTH WEIGHT
 ROT CABLE FOOTAGE
 MUD TYPE GRADE
 BHST BHCT THREAD
 MUD DENSITY LESS FOOTAGE SHOE JOINT(S)
 MUD VISC. Disp. Capacity
 NOTE: Include Footage From Ground Level To Head In Disp. Capacity

ORIGINAL

SPECIAL INSTRUCTIONS _____
 IS CASING/TUBING SECURED? YES NO
 LIFT PRESSURE PSI CASING WEIGHT + SURFACE AREA (3.14 x R²)
 PRESSURE LIMIT PSI BUMP PLUG TO PSI
 ROTATE RPM RECIPROCATATE FT No. of Contrallzers

Float TYPE DEPTH
 Shoe TYPE DEPTH
 Head & Plugs TBG D.P. SQUEEZE JOB
 Double SIZE WEIGHT
 Single GRADE TAIL PIPE: SIZE DEPTH
 Swage Knockoff THREAD TUBING VOLUME Bbls
 TOP OR W NEW USED CASING VOL. BELOW TOOL Bbls
 BOT OR 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			
1400								PRE-JOB SAFETY MEETING			
1413	0	0	5.7	0	2	Cmt	12.1	Start Cement			
1416		660		5.7				Shutdown			
1419		370						Bleed down pressure			
1421		0						Bleed off pressure job complete			

REMARKS _____

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBLs	DENSITY
1.	15	2.15	Class C + Pac 35/65 6% D20				5.7	12.1
2.								
3.								
4.								
5.								
6.								

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX. 660 MIN: 0
 HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO Bbls
 BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. Bbls TYPE OIL STORAGE BRINE WATER
 WASHED THRU PERLS YES NO TO FT. MEASURED DISPLACEMENT WIRELINE OF WELL GAS INJECTION WILDCAT
 PERFORATIONS TO TO CUSTOMER REPRESENTATIVE DS SUPERVISOR
Mick Lake lady *David J. Brantley*

KANSAS CORPORATION COMMISSION
CONSERVATION DIVISION
DISTRICT #1/DODGE CITY

DATE: 1-28-98 ORIGINAL

PLEASE DELIVER THE FOLLOWING PAGE(S) TO:

NAME: Virgil Clothes PHONE _____

FROM: Dist #1 PHONE _____

TOTAL NUMBER OF PAGES INCLUDING COVER LETTER 2

IF YOU DON'T RECEIVE ALL THE PAGES, PLEASE CALL BACK AS SOON
POSSIBLE. PHONE: 316-225-6760

(We are transmitting from a Murata F-32 at 316-227-7567)

SPECIAL INSTRUCTIONS: _____

FAX COVER LETTER

KCC OIL/GAS REGULATORY OFFICE

DATE 4/7/97

ORIGINAL

New Situation
 Response to Request
 Follow-up

OPERATOR Helmerich & Payne Inc. # 5293

NAME P.O. Box 558

LOCATION NW NE NE, SEC 34, T 26 S, R 34 ^{RM}

ADDRESS Garden City, KS 67846

LEASE Curry Well # 3-2

PHONE NO. _____

COUNTY Finney API# 15-055-27,548

OPER. 316-276-3693 OTHER _____

REASON FOR INVESTIGATION: Alternate II bond log. 8 5/8" at 530'.

LEASE INSPECTION

PROBLEM: _____

PERSON(S) CONTACTED: _____

FINDINGS: Dowell Cementing started backside squeeze at 2:15 p.m. on 4/7/97. Pumped 15 ex

65/35 Pozmix 6% gel at 2 bbl. per minute. Maximum pressure 600 psi and shut in after one

minute 372 psi. Held. Completed job at 2:30 p.m.

520' top of cement by bond log.

COMPLAINT

photos taken: _____

ACTION/RECOMMENDATIONS: OKd by Steve Durrant

FIELD REPORT X

Retain 1 copy Joint District Office
Send 1 copy Conservation Division

By Kevin Strube

4/7/97