

Operator Name Hugoton Energy Corporation

Lease Name Kirby

Well # 1-17

Sec. 17 Twp. 29S Rge. 39
 East
 West

County Stanton

CONFIDENTIAL

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:
 DIL,SSD/CNP/MEL (BPB)

Name	Top	Datum
Heebner	3761	-541
Lansing	3861	-641
Marmaton	4424	-1204
Cherokee Shale	4601	-1381
Morrow Shale	5119	-1899
Morrow G-1 Sand	5480	-2260
Morrow G-2 Sand	5528	-2418
St. Louis C	5826	-2506

CONFIDENTIAL

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4	8 5/8	24#	1845'	65/35 Poz	765	
Production	7 7/8	4 1/2	11.6	5700'	Class C	318	
DV Tool				2809'	Lite	250	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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	5558'-68'		Natural	
4	5440'-50'			

TUBING RECORD		Size	Set At	Packer At	Liner Run			
		2 3/8	5472	NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First, Resumed Production, SWD or Inj. SI			Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	0		908		0			

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled 5440-5568 OA

Other (Specify) _____

Production Interval _____

TRIP	MENT NUMBER	5008	DATE	1-24-95
STATE	DS	DISTRICT	KKS 0312	

WELL NAME AND NO. **Kirby 1-17**

LOCATION (LEGAL)

FIELD-POOL **Hucotaw**

FORMATION **Surface**

COUNTY/PARISH **Stanton**

STATE **Ks.** API. NO.

NAME **Trans Pac**

AND **MCC**

ADDRESS **CONFIDENTIAL**

ZIP CODE

RIG NAME: **TRANS PAC**

WELL DATA:	BOTTOM	TOP
BIT SIZE 12 1/4	CSG/Liner Size 8 3/8	
TOTAL DEPTH 850	WEIGHT 24	CONFIDENTIAL
<input type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE 1849	
MUD TYPE	GRADE	
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD 8 Rd.	
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S) 40	TOTAL
MUD VISC.	Disp. Capacity 1809	115.2

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

SPECIAL INSTRUCTIONS

DS To CUIT 8 3/8 Surface Casing Per Customer

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE **758** PSI CASING WEIGHT + SURFACE AREA (3.14 x R²)

PRESSURE LIMIT **500** PSI BUMP PLUG TO **850** PSI

ROTATE RPM RECIPROCATE FT No. of Centralizers **3**

Float	TYPE	Auto Fill Header	TYPE	
	DEPTH			DEPTH
Shoe	TYPE	Cont. Disc Guide	TYPE	
	DEPTH			DEPTH

Head & Plugs TBG D.P. SQUEEZE JOB

Double WEIGHT TYPE

Single GRADE TAIL PIPE: SIZE DEPTH

Swage THREAD TUBING VOLUME Bbbs

Knockoff NEW USED CASING VOL. BELOW TOOL Bbbs

TOP OR QW DEPTH TOTAL Bbbs

BOT OR QW ANNUAL VOLUME Bbbs

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME: 1400	DATE: 1-24-95	TIME: 1400	DATE: 1-24-95	TIME: 2200	DATE: 1/24	
0001 to 2400											
20:09	NA	160	10	-	6.5	H ₂ O	8.34	PRE-JOB SAFETY MEETING Psi Line			
20:30		200	200	-	6.9	CMT	12.2	H₂O ahead.			
21:01		240	35	-	6.4	CMT	14.8	Start head CMT			
21:05	NA	0	-	-	-	-	-	Start Tail CMT			
21:07		140	115	-	7.1	H ₂ O	8.34	Shut down Plug Plug			
21:09		440	105	-	2.1			disp.			
21:27		880	1145	-	1.9			Lower Pump Rate			
21:30		0	-	-	-			Bump Plug			
21:30	NA	-	-	-	-			Release Psi			
21:30								End Job			

RELEASED

APR 1 1996

FROM CONFIDENTIAL

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
			CLASS	WATER	ADDITIVES	BBLs	DENSITY	
1	615	2.1	6 5/8	2%	51 1/4	2%	230	12.2
2	150	1.32	CLASS C	2%	51 1/4	2%	35	14.8
3.								
4.								
5.								
6.								

RECEIVED STATE REGISTRATION COMMISSION

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX. 880 MIN. 0
<input type="checkbox"/> HESITATION SO.	<input type="checkbox"/> RUNNING SO.	<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.	115.2 Bbbs
Washed Thru Perfs	<input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT <input checked="" type="checkbox"/>
PERFORATIONS	TO	TO	CUSTOMER REPRESENTATIVE	Duck
			DS SUPERVISOR	Proe Black

CONSERVATION DIVISION Wichita, Kansas

AUG 27 1993

CEMENTING SERVICE REPORT

ORIGINAL

DOWELL SCHLUMBERGER INCORPORATED

TRE	WT NUMBER	DATE
STAGE	DS	DISTRICT
	UK2	020

5-496 PRINTED IN U.S.A.

WELL NAME AND NO.	LOCATION (LEGAL)	RIG NAME
Kerou 1-17	Sec. 17 - 29 - 370	Trinidad #1
FIELD	FORMATION	WELL DATA:
Hugoton		BIT SIZE 7 7/8
COUNTY/PARISH	STATE	OSG/Liner Size 4 1/2
Stanton	Ks.	TOTAL DEPTH 6890
API. NO.		WEIGHT 11.6
		<input checked="" type="checkbox"/> HOT <input type="checkbox"/> CABLE
NAME		FOOTAGE 5702
Hugoton Energy		MUD TYPE
		GRADE
NO		<input type="checkbox"/> OHST <input type="checkbox"/> BHCT
		THREAD 8 1/4
		MUD DENSITY
		LESS FOOTAGE SLICE JOINT(S) 92
		MUD VISC.
		Disp Capacity 3200
		87.7

NOTE: Includes Footage From Ground Level To Head In Dis. Caserily

Foot	TYPE	Auto fill 1/2 inch	TYPE	Test collar
	DEPTH	5200	DEPTH	2800
Stage Tool	TYPE	CMT core	TYPE	
	DEPTH	5702	DEPTH	

Head & Plugs	<input type="checkbox"/> TBO	<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"/> OW	<input type="checkbox"/> NEW <input type="checkbox"/> USED	CASING VOL. BELOW TOOL		Bbls
BOI <input type="checkbox"/> OR <input type="checkbox"/> OW	DEPTH	TOTAL		Bbls
		ANNUAL VOLUME		Bbls

ADDRESS _____ **CONFIDENTIAL** _____

ZIP CODE _____

SPECIAL INSTRUCTIONS

Provide Materials + services to suit CMT + 4 1/2 production log per customer

CASING/TUBING SECURED? YES NO

IFT PRESSURE 4158 PSI CASING WEIGHT + SURFACE AREA (3.14 x R²)

RESSURE LIMIT 1000 PSI BUMP PLUG TO 1100 PSI

OTATE _____ RPM _____ RECIPROCATE _____ FT _____ No. of Centralizers 10

TIME	PRESSURE		VOLUME PUMPED gal		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME	DATE	TIME	DATE	TIME	DATE	
0001 to 2400											
2:10	2200	441	1	-	1	160	8.33				
2:14	441	320	18	-	4.5	6.14	8.33				
2:19		440	75	-	5.9	CMT	11.8				
2:31		0	0	-							
2:35		210	87.7	-	6.1	160	8.33				
2:49	441	530	77	-	2.0	160	8.33				
2:53		1100	87.7	-	1.9	160	8.33				
2:57		0		-		160	8.33				
2:58				-							

PRE JOB SAFETY MEETING

Pre test done

avoid tape ahead

CMT slurry

Shut Down, wash down, Drapping

Displace

Lower pump Et.

Bump plug

Release psi

End Job

RELEASED **CONFIDENTIAL**

AUG 1 1996

FROM CONFIDENTIAL

REMARKS

SYSTEM CODE	NO. OF BAGS	YIELD CU. FT/8K	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
			1.	2.	3.	4.	BBLs	DENSITY
1.	518	1.32	C	CMT + 2% 21	+ 1.5% 260	+ 7/1 1/2 1209		
2.								
3.								
4.								
5.								
6.								

RECEIVED STATE CORPORATION COMMISSION

AUG 27 1993

CONSERVATION DIVISION Wichita, Kansas

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX.
RESISTANCE SQ	<input type="checkbox"/> RUNNING SQ.	CIRCULATION LOST	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Cement Circulated To Surf. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
BREAKDOWN	PSI FINAL	PSI	DISPLACEMENT VOL	87.7 Bbls
Washed Thru Ports	<input type="checkbox"/> YES <input type="checkbox"/> NO	TO	PT	MEASURED DISPLACEMENT
PERFORATIONS	TO	TO	CUSTOMER REPRESENTATIVE	DS SUPERVISOR
			TRACY ANK...ll	Area Blank

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

KCC

Operator: License # 3871

Name: Hugoton Energy Corporation

Address 229 E. William

City/State/Zip Wichita, Kansas 67202

Purchaser: Spot

Operator Contact Person: Jim Gowens

Phone (316) 262-1522

Contractor: Name: TransPac /

License: 5841

Wellsite Geologist: Karl Osterbuhr

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/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

1/23/93 2/4/93 4/16/93
Spud Date Date Reached TD Completion Date

API NO. 15- 187-20662-0000

County Stanton

C - NE - 17 Sec. 17 Twp. 29S Rge. 39 X W

3960 Feet from S/N (circle one) Line of Section

1320 Feet from E/W (circle one) Line of Section

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

Lease Name Kirby Well # 1-17

Field Name NA

Producing Formation Morrow

Elevation: Ground 3209' KB 3221'

Total Depth 5890' PBTD 5607'

Amount of Surface Pipe Set and Cemented at 1845 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 2805 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

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

Chloride content 1950 ppm Fluid volume 762 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name NA **RELEASED**

Lease Name _____ License No. JUN 28 1995

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

County Stanton **FROM CONFIDENTIAL**

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 [Signature]
Title Jim Gowens, Exploration Manager Date April 27, 1993

Subscribed and sworn to before me this 27 day of April, 1993.

Notary Public Sarah E. Reynolds

Date Commission Expires 9/22/96

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
RECEIVED
STATE CORPORATION COMMISSION

SARAH E. REYNOLDS
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 9/22/96

Form ACO-1 (7-91) **JUN 1 1993**

Operator Name Hugoton Energy Corporation Lease Name Kirby Well # 1-17

Sec. 17 Twp. 29S Rge. 39 East County Stanton

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:
 DIL SSD CNP MEL (BPB)

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
Keebner	3761	-541
Lansing	3861	-641
Marmaton	4424	-1204
Cherokee Shale	4601	-1381
Morrow Shale	5119	-1899
Morrow G-1 Sand	5480	-2260
Morrow G-2 Sand	5528	-2418
St. Louis C	5826	-2506

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#	1845'	65/35 Poz	765 ✓	
Production	7 7/8	4 1/2	11.6	5700'	Class C	318 ✓	
DV Tool				2809'	Lite	250 ✓	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<input checked="" 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)	
		Amount	Depth
4	5558'-68'	Natural	
4	5440'-50'		

TUBING RECORD

Size 2 3/8 Set At 5472 Packer At NA Liner Run Yes No

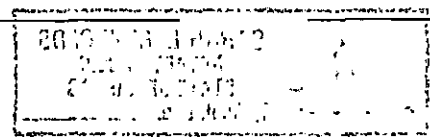
Date of First, Resumed Production, SWD or Inj. SI _____ Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil	Bbbs.	Gas	Mcf	Water	Bbbs.	Gas-Oil Ratio	Gravity
	0		908		0			

Disposition of Gas: METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 5440-5568 OA

(If vented, submit ACO-18.) Other (Specify)



ORIGINAL



DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER **5008** DATE **1-24-95**
 STAGE **DS** DISTRICT **WKS 0312**

D9-496 PRINTED IN U.S.A.

WELL NAME AND NO. **Kirby 1-17** LOCATION (LEGAL) _____ RIG NAME: **Trans Pac**
 FIELD-POOL **Hucoton** FORMATION **Surface** WELL DATA: BIT SIZE **12 1/4** CSG/Liner Size **8 5/8** BOTTOM TOP
 COUNTY/PARISH **Stanton** STATE **KS.** API. NO. _____ TOTAL WEIGHT **24**
 NAME **Trans Pac** MUD TYPE GRADE **1849** FOOTAGE **1849**
 AND _____ MUD DENSITY **40** LESS FOOTAGE SHOE JOINT(S) **40**
 ADDRESS _____ MUD VISC. **1809** Disp. Capacity **115.2**

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

SPECIAL INSTRUCTIONS **AS TO CMT. 8 5/8 SURFACE CASING PER CUSTOMER**
 IS CASING/TUBING SECURED? YES NO
 LIFT PRESSURE **458** PSI CASING WEIGHT SURFACE AREA (3.14 x R²)
 PRESSURE LIMIT **500** PSI BUMP PLUG TO **800** PSI
 ROTATE RPM RECIPROCATE FT No. of Centralizers **3**

Head & Plugs T&B D.P. SQUEEZE JOB
 Double SIZE WEIGHT GRADE THREAD
 Single GRADE THREAD
 Swage GRADE THREAD
 Knockoff THREAD
 TOP OR NEW USED
 BOT OR DEPTH

TIME SCHEDULED FOR TIME: **1400** DATE: **1-24-95** ARRIVE ON LOCATION TIME: **1400** DATE: **1-24-95** LEFT LOCATION TIME: **2000** DATE: **1/24**

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	T&B OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	TIME	DATE	TIME	DATE
0001 to 2400											
20:09	WM	1600	10	-	6.5	H ₂ O	8.34				
20:33		200	200	-	6.9	CMT	12.2				
21:01		240	35	-	6.4	CMT	14.8				
21:05	NA	0	-	-	-	-	-				
21:07		140	115	-	7.1	H ₂ O	8.34				
21:24		410	105	-	2.1						
21:27		880	1145	-	1.9						
21:30		0	-	-	-	-	-				
21:30	NA										

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 JUN 2 8 1995

REMARKS **FROM CONFIDENTIAL**

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED		
			1	2	3	4	BBLs	DENSITY	
1.	615	2.1	65/35 4/102	6% D20	2% 51	1/4 1/2 sk	D-29	230	12.2
2.	150	1.32	Class C	2% 51	1/4 1/2 sk	D-29		35	14.8
3.									
4.									
5.									
6.									

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 STATE CORPORATION COMMISSION

BREAKDOWN FLUID TYPE _____ VOLUME _____ DENSITY _____ PRESSURE MAX. **500** MIN. **1993**
 HESITATION SQ. RUNNING-SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO Bbls. **25**
 BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. **115.2** Bbls. TYPE OF WELL OIL STORAGE CONSERVED SPRING WATERS GAS INJECTION WILDOAT
 Washed Thru Perfs YES NO TO _____ FT. MEASURED DISPLACEMENT WIRELINE
 PERFORATIONS _____ CUSTOMER REPRESENTATIVE **DUSTY** DS SUPERVISOR **Moq Black**
 TO _____ TO _____ TO _____

CEMENTING SERVICE REPORT

ORIGINAL



DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER	DATE
2287	2/4/93
STAGE	DS
UK3	DISTRICT
	020

D9-486 PRINTED IN U.S.A.

WELL NAME AND NO. **Kensu 1-17**

LOCATION (LEGAL) **Sec. 17 - 29 - 31W**

FIELD **Hugoton**

FORMATION

COUNTY/PARISH **Stanton**

STATE **Ks.**

API. NO.

NAME **Hugoton Energy**

AND

ADDRESS

ZIP CODE

RIG NAME: **Troop-2AC #1**

WELL DATA:

BIT SIZE	OSG/Liner Size	BOTTOM	TOP
7 7/8	4 1/2		
TOTAL DEPTH	WEIGHT		
5760	11.6		
<input checked="" type="checkbox"/> HOT <input type="checkbox"/> CABLE	FOOTAGE		
	5762		
MUD TYPE	GRADE		
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD		
	8 1/4		
MUD DENSITY	LESS FOOTAGE SINCE JOINT(S)		TOTAL
	42		
MUD VISC.	Disp Capacity		
	2400		87.7

NOTE: Include Footage from Ground Level To Head in Deep Casingly

SPECIAL INSTRUCTIONS

Provide Materials & services to satisfy cmt 4 1/2 production log per customer

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE **4158** PSI CASING WEIGHT + SURFACE AREA (3.14 x R²)

PRESSURE LIMIT **1000** PSI BUMF FLUG TO **1100** PSI

ROTATE RPM RECIPROCATE FT No. of Centralizers **10**

Float	TYPE	Auto fill plug	TYPE	Tool collar
	DEPTH	5760	DEPTH	2805
Scribe	TYPE	CMT neck	TYPE	
	DEPTH	5762	DEPTH	

Head & Plugs TBG D.P. SQUEEZE JOB **B**

Double SIZE

Single WEIGHT

Swage GRADE

Knockoff THREAD

TOP OR NEW USED

BOT OR CW

TUBING VOLUME Bbls

CASING VOL. BELOW TOOL Bbls

TOTAL Bbls

ANNUAL VOLUME Bbls

JOB SCHEDULED FOR TIME: **0600** DATE: **2/4**

ARRIVE ON LOCATION TIME: **0930** DATE: **2/4**

LEFT LOCATION TIME: **1330** DATE: **2/4**

TIME	PRESSURE		VOLUME PUMPED OBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM.				
0001 to 2400								
12:12	9200	441	1	-	1	4.0	8.33	PRE JOB SAFETY MEETING
12:14	441	320	18	-	4.5	CMT 11.8	8.33	psi test done
12:19		440	75	-	5.9	CMT	11.8	swab test ahead
12:31		0	0	-				CMT slurry
12:35		272	217	-	6.1	H2O	8.33	Shut Down, wash down, Deepdy
12:49	441	530	77	-	2.0	H2O	8.33	Displace
12:53		1100	87.7	-	1.9	H2O	8.33	Lower pump et.
12:54		0		-		160	8.33	Pump plug
12:55				-				Calculate psi
				-				and set

RELEASED

JUN 2 8 1995

FROM CONFIDENTIAL

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/TK	COMPOSITION OF CEMENTING SYSTEMS			SLURRY MIXED			
						BBLs	DENSITY		
1.	318	1.32	C	CMT	+ 2% 21	+ .5% 260	+ 1/4 11/2 1229	74.8	11.8
2.									
3.									
4.									
5.									
6.									

RECEIVED

BREAKDOWN FLUID TYPE

HESITATION SQ RUNNING SQ. CIRCULATION LOST

DENSITY YES NO

PRESSURE Cement Circulated To Surf. YES NO

MAX. **1100** MIN. **0**

BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL **87.7** Bbls

Washed Thru Perls YES NO TO FT MEASURED DISPLACEMENT WIRELINE

PERFORATIONS TO TO CUSTOMER REPRESENTATIVE **Terry Maxwell**

STATE INCORPORATION COMMISSION

DATE **JUN 1 1995**

TYPE OF WELL OIL GAS STORAGE INJECTION BRINE WATER WILDCAT

DS SUPERVISOR **Greg Black** DIVISION



KCC

MAY 28

ACCOUNTING COPY
The Western Company
of North America

SERVICE ORDER AND
FIELD RECEIPT NO. L25685

RECEIVED BY
IN COMMISSION
4/24/95
JUN 1 1995
CONSERVATION DIVISION
Wichita, Kansas

Form header section containing customer information (Hugoton Eng. Co.), invoice details (229 E. William St), well information (Perryton Cmt, Kirby 1-17), and job type codes.

Main table with columns for item description, quantity, unit, price, and total. Includes entries for Mileage Hwy Equip, Mileage Van, Pump Chg, Service Chg, Delivery Chg, Class C, Pace Setter Lite - Prem, and Bentonite.

ORIGINAL

RELEASED

JUN 28 1995

FROM CONFIDENTIAL

field est.

4,003.58

3,202.86

ARRIVE LOCATION 4/16/93 7:00
CUSTOMER REP LAST NAME Maxwell
SEE REVERSE SIDE FOR GENERAL TERMS AND CONDITIONS

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 REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.
CUSTOMER AUTHORIZED AGENT

SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.
CUSTOMER AUTHORIZED AGENT (Signature: Jimmy Maxwell)
WESTERN APPROVED (Signature: Lynn Stroud)

08:46AM FROM WESTERN CO PERRYTON