

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

Operator: License # 3871
Name: Hugoton Energy Corporation
Address 301 N. Main, Suite 1900
City/State/Zip Wichita, KS 67202

Purchaser: Cibola

Operator Contact Person: Jim Gowens
Phone (316) 262-1522 **1/13/1997**

Contractor: Name: Allen Drilling Company
License: 5418

Wellsite Geologist: Chuck Schmaltz

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIOW 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 10/14/94 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. _____
Spud Date 10/14/94 Date Reached TD 10/28/94 Completion Date 11/19/94

API NO. 15- 129-21349-0000
County MORTON
C - SW - SE - Sec. 9 Twp. 31S Rge. 40W E W
660 FSL Feet from (S) N (circle one) Line of Section
1980 FEL Feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, (S) W, NW, or SW (circle one)
Lease Name CONLON Well # 1-9
Field Name WILDCAT
Producing Formation MORROW
Elevation: Ground 3290' KB 3302'
Total Depth 5690' PBDT _____
Amount of Surface Pipe Set and Cemented at 1868' Feet.
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 3000 Feet
If Alternate II completion, cement circulated from NA
feet depth to _____ w/ _____ sx cmt.

RELEASED

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Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 950 mg/l ppm Fluid volume 400 bbls
Dewatering method used EVAPORATION
Location of fluid disposal if hauled offsite: JAN 13
Operator Name _____
Lease Name _____ License No. _____
Quarter _____ Sec. _____ Twp. S Rng. _____ E/W
County _____ Docket No. _____

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, V.P. Exploration Date 1/13/95

Subscribed and sworn to before me this 13 day of JANUARY 19 95.

Notary Public [Signature]

Date Commission Expires 9/18/1995

Garry D. Walker
NOTARY PUBLIC
State of Kansas
MY APPT. EXPIRES

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)
1-17-95
RECEIVED
STATE CORPORATION COMMISSION
JAN 7 7 1995
OIL & GAS CONSERVATION DIVISION
WICHITA, KS 67202

Operator Name Hugoton Energy Corporation Lease Name CONLON Well # 1-9

Sec. 9 Twp. 31S Rge. 40W East County MORTON 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample.
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	SEE ATTACHED SHEET		
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3300' 150' 640' 5689' 225' 3000' 450' 125'		
List All E. Logs Run: DIFL, CAL, ML, GR, ZDL, GR, AC, CN				

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"	23#	1868'	Class 'C' 65/35 C Poz	150 640	2% SI+1/4 #/sk D29 6% D20+2% SI+1/4 #/sk D29
production	7-7/8"	4-1/2"	10.5#	5689'	Class 'C'	225	2% SI+.6% D60+1/4 #/sk D29
port collar				3000'	Paceset Lite Class 'C'	450 125	Hi-Seal Cacl2

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	5269	5271	Class H	100	.5% CF-14A
<input type="checkbox"/> Plug Back TD					
<input checked="" 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
	Set At	Packer At	Amount	Kind	
2	5600-5602 (2')		500 gal	15% NE-FE acid	5312-5315
2	5269-5271 (2')		500 gal	15% NE-FE acid	5260-5263
2	5312-5315 (3')				
2	5260-5263 (3')				

TUBING RECORD

Size 2-3/8" Set At 5333' Packer At na Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 12/16/94 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	350	10		

Disposition of Gas: **METHOD OF COMPLETION**

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

(If vented, submit ACO-18)

Production Interval 5312-5315'
5260-5263'

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ORIGINAL

*****TIGHT HOLE*****

Additional Information for ACO-1
Hugoton Energy Corporation
Conlon #1-9
Sec. 9-31S-40W
Morton County, KS
API #15-129-21349-0000

Log Formation (Top), Depth and Datums Sample.

Name	Top	Datum
WINFIELD	2302	+1000
WABAUNSEE	2942	+360
TOPEKA	3216	+96
HEEBNER	3649	-347
TORONTO	3664	-362
LANSING	3750	-448
BKC	4348	-1046
MARMATON	4364	-1062
ATOKA	4820	-1518
MORROW	4976	-1674
CHESTER	5382	-2080
ST. GEN.	5456	-2154
ST. LOUIS	5533	-2231

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CONSERVATION DIVISION
WICHITA, KANSAS

*****TIGHT HOLE*****
Drill Stem Test Information for ACO-1
Hugoton Energy Corporation
Conlon #1-9
Sec. 9-31S-40W
Morton County, KS
API #15-129-21349-0000

ORIGINAL

DST 1

Test Interval: 3998' - 4012'

Times: 30.60.30.60

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First Open: Weak 1/4 inch blow increasing. Off bottom of bucket in 16 min. No blow back during shut-in.

Second Open: Weak surface blow increasing. Off bottom of bucket in 20 min. No blow back during shut-in.

Recovery 723' Salt Water w/specks of oil throughout & some free oil in tool.

Pressures
IHP 1934
IFP 56-244
ISIP 972
FFP 284-343
FSIP 972
FHP 1921

DST 2

Test Interval: 4989' - 5065'

Times: 30.60.30.60

First Open: Weak 1/4 inch blow increasing to a 3/4 inch blow. Decreasing after 20 mins to 1/4 inch at end.

Second Open: No blow.

Recovery 20' Drilling mud with some oil specks in tool.

Pressures
IHP 2412
IFP 101-89
ISIP 96
FFP 80-80
FSIP 80
FHP 2390

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DST 3

Test Interval: 5249' - 5295'

Times: 30.60.60.90

First Open: Strong blow. Off bottom of bucket immediately. No blow back during shut-in. Gas to surface in 2 mins.

Second Open: Strong blow. Off bottom of bucket immediately. Strong blow back during shut-in.

Recovery 788' Salt Water.

Pressures
IHP 2546
IFP 561-467
ISIP 1516
FFP 343-474
FSIP 1505
FHP 2535

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CONSERVATION DIVISION
WICHITA, KANSAS

CEMENTING SERVICE REPORT



15-129-21349-0000

TREATMENT NUMBER 03-12-6551 DATE 10-16-94
 STAGE Surf DS DISTRICT WYSSSE, KS

DS-496 PRINTED IN U.S.A.

DOWELL SCHLUMBERGER INCORPORATED

WELL NAME AND NO. Conlon #1-9 LOCATION (LEGAL) _____ RIG NAME: Allen #5
 FIELD-POOL _____ FORMATION _____ WELL DATA: BIT SIZE 12 1/4" CSG/Liner Size 8 7/8" BOTTOM _____ TOP _____
 COUNTY/PARISH Morton STATE Kansas API. NO. _____ TOTAL DEPTH 1870 WEIGHT 24 ORIGINAL
 NAME Hugofon Energy MUD TYPE WB GRADE _____ FOOTAGE 1872
 AND _____ MUD DENSITY 9.1 LESS FOOTAGE SHOE JOINT(S) 43 MUD VISC. _____ Disp. Capacity 1829

ADDRESS _____ ZIP CODE _____
 SPECIAL INSTRUCTIONS Safely cement the 8 7/8" surface casing as requested by the customer

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 RECIPROCATE _____ FT No. of Centralizers 4

JOB SCHEDULED FOR TIME 10-16-94 DATE: ASAP ARRIVE ON LOCATION TIME: 2:30 DATE: 10-16-94 LEFT LOCATION TIME: 05:00 DATE: 10/17/94

TIME	PRESSURE	VOLUME PUMPED BBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
		TBG OR D.P.	CASING				
0001 to 2400							PRE-JOB SAFETY MEETING
02:32	60	1A	-	7	H ₂ O	8.33	START JOB.
02:35	240	240	14	7	CMT	12.2	START WATERL AHEAD. BREAK CIRCULATION
03:10	210	35	254	7	CMT	14.8	START LEAD SLURRY.
03:16			289				START TAIL SLURRY
03:19	0	116 1/2	289	4	H ₂ O	8.33	SHUTDOWN. DROP TOP PLUG
03:28	150		327	3	H ₂ O	8.33	START DISPLACEMENT
± 03:32	180		345	2	H ₂ O	8.33	Lower Pump RATE
I 03:38	200		352				Lower Pump RATE
04:23	1170		405				Lower Pump RATE
04:24							Bump Top Plug
							BLEED OFF PRESSURE. CHECK FLOAT.
							FLOAT HEAD.
							Release Dowell

REMARKS _____

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS			SLURRY MIXED	
			BBLs	DENSITY	BBLs	DENSITY	
1.	640	2.1	6 3/5% C _{100Z} + 6% D20 + 2% S1 + 1/4% SK D29	239	12.2		
2.	150	1.32	Class "C" + 2% S1 + 1/4% SK D29	35	14.8		
3.							
4.							
5.							
6.							

BREAKDOWN FLUID TYPE _____ VOLUME _____ DENSITY _____ PRESSURE _____ MAX _____ MIN _____
 HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO
 BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. 116.5 Bbls TYPE OF WELL OIL STORAGE BRINE WATER
 Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT WIRELINE WILDCAT
 PERFORATIONS _____ CUSTOMER REPRESENTATIVE Dickie Collins DS SUPERVISOR Steve Menech

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 DIVISION

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

15-129-21349-0000
 TREATMENT NUMBER 6587 DATE 10-29-94
 STAGE 1 DS 03 DISTRICT 12

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

WELL NAME AND NO. CONLOW #1-9		LOCATION (LEGAL) SEC. 9 315 R40W		RIG NAME: 9600 #5	
FIELD-POOL Hugaton		FORMATION		WELL DATA: BOTTOM TOP	
COUNTY/PARISH MORTON		STATE KS		API. NO.	
NAME Hugaton SARGEY				MUD TYPE GRADE	
AND				MUD DENSITY LESS FOOTAGE SHOE JOINT(S) 5664 TOTAL	
ADDRESS				MUD VISC. Disp. Capacity	
ZIP CODE				NOTE: Include Footage From Ground Level To Head In Disp. Capacity	

ORIGINAL

SPECIAL INSTRUCTIONS
Cement 4 1/2 lbs as per customer orders
95 FOLLOWS,

IS CASING/TUBING SECURED? <input type="checkbox"/> YES <input type="checkbox"/> NO	Head & Plugs <input type="checkbox"/> TBG <input type="checkbox"/> D.P.	SQUEEZE JOB	
LIFT PRESSURE 3764 PSI CASING WEIGHT ÷ SURFACE AREA (3.14 x R ²)	<input type="checkbox"/> Double	SIZE	TOOL TYPE
PRESSURE LIMIT 3000 PSI BUMP PLUG TO 1000 PSI	<input checked="" type="checkbox"/> Single	<input type="checkbox"/> WEIGHT	DEPTH
ROTATE RPM RECIPROCATATE FT No. of Centralizers 10	<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 checked="" 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 BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME: 16:00	DATE: 10-29	TIME: 16:00	DATE: 924	TIME:	DATE:	
0001 to 2400					INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL			
23:10								PRE-JOB SAFETY MEETING			
23:15		2700	10		5.9	H2O	8.34	Pies test lines			
23:19		100	18	16	5.9	H2O	8.4	Pump chem wash			
23:23		80	18	34	5.9	CMT	12.2	START SCAVANGER			
23:27		80	44	78	5.9	CMT	14.8	START SLURRY			
23:39		120	40	118	3.9	H2O	8.34	START DISC			
23:57		500	51		2.0	H2O	8.3	SLOW TO 288L min			
00:03		950			0	H2O	8.3	bump plug to 950 psi (650 lft max)			
RELEASED											
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JAN 1 '93											
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REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
			BBLs	DENSITY	BBLs	DENSITY
1.	225	1.32	CLASS 'C' + 2% S1 + .6% 060T 1/4 # 29		62	14.8
2.						
3.						
4.						
5.						
6.						

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX.	MIN.
<input type="checkbox"/> HESITATION SQ.	<input type="checkbox"/> RUNNING SQ.	<input type="checkbox"/> CIRCULATION LOST	<input type="checkbox"/> YES <input type="checkbox"/> NO	Cement Circulated To Surf. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Bbls	
BREAKDOWN PSI FINAL	PSI	DISPLACEMENT VOL.	91	TYPE OF WELL <input checked="" type="checkbox"/> OIL <input type="checkbox"/> GAS <input type="checkbox"/> STORAGE <input type="checkbox"/> INJECTION <input type="checkbox"/> BRINE WATER <input type="checkbox"/> WILDCAT	
Washed Thru Perfs <input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT <input type="checkbox"/>	<input type="checkbox"/> WIRELINE	
PERFORMANCES	TO	TO	CUSTOMER REPRESENTATIVE	DS SUPERVISOR	
			<i>John Brangler</i>	<i>Ray Pearson</i>	



THE WESTERN COMPANY
CEMENT JOB DETAIL SHEET

15-129-21349-0000

CUSTOMER Quantum Energy	DATE 11-8-94	FR # 1280090	SER/SUP ARRINGTON	TYPE JOB US 13-B
LEASE & WELL NAME-OCSG CONLIN 1-9	LOCATION 31-21-40W	COUNTY-PARISH-BLOCK WILKINSON-KS.		
DISTRICT arrington	DRILLING CONTRACTOR RIG # workover	OPERATOR SAME		

MATERIAL FURNISHED BY WPS	TYPE OF PLUGS	LIST-CSG-HARDWARE	SQ MANI FOLD	TOP OF EACH FLUID	PHYSICAL SLURRY PROPERTIES					
					SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
450-Pacesetter Lite Plus	X	Y			12.4	2.0	11.5	54	161	123
125-CLS. "C" Cmt.					14.8	1.32	6.3	3 1/2	29	19

ORIGINAL
CONFIDENTIAL

Available Mix Water 200 Bbl.	Available Displ. Fluid 20 Bbl.	TOTAL											
HOLE			TBG-CSG-D.P.				TBG-CSG-D.P.				COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	SIZE	WGT.	TYPE	DEPTH	SHOE	FLOAT	STAGE
-	-	-	2 3/8	-	-	3000	4 1/2	10.5	-	5200	-	-	3000
LAST CASING				PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID		
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.	
4 1/2	10.5	-	5200	TechLine		3000	-	-	2 3/8	8R	H2O	8.3	
CAL. DISPL. VOL.-Bbl.				CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		DISPL. FLUID		WATER SOURCE
TBG.	CSG.	CSG.	TOTAL	BUMP PLUG	TO REV	SQ. PSI	RATED	OP.	RATED	OP.	TYPE	WGT.	
11.5	-	-	11.5	-	-	-	-	-	-	-	H2O	8.3	TRAH

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR: MIN.	PRESSURE-PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: WPS CREW <input checked="" type="checkbox"/> CO. REP <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	
						CIRCULATING WELL-RIG <input type="checkbox"/> WPS <input checked="" type="checkbox"/>	
12:40	2000		1	2		Test Cas. head (open tool)	
12:03	800		3	5		Break Circ. w/H2O	
13:06	1000		4	190		Mix Cmt. 450/12C	
13:47	200		3	0		Diso w/ H2O	
13:53	100			11.5		Shut down	
14:04		300	2	0		Run out	
14:14		300	2	20		Shutdown	

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D. Arrington
D. Brouger

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	TOTAL Bbl. PUMPED	Bbl. CMT RETURNS/ REVERSED	PSI LEFT ON CSG	SPOT TOP CEMENT	SER. SUP. D. Arrington
Y <input checked="" type="checkbox"/>	-	Y <input checked="" type="checkbox"/>	2.30	1	0	0	CUSTOMER REP. J. Brouger



THE WESTERN COMPANY
CEMENT JOB DETAIL SHEET

15-129-21349-0000
15-129-21341-0000

CUSTOMER Nucolon Energy		DATE 11-10-94	F.R.# 1280093	SER./SUP HARRINGTON	TYPE JOB Sg-18
LEASE & WELL NAME-OCSSG CONLIN 1-9		LOCATION 9-		COUNTY-PARISH-BLOCK MARTIN KS.	
DISTRICT HARRINGTON		DRILLING CONTRACTOR RIG # LUMPKINER		OPERATOR Same	
MATERIAL FURNISHED BY WPS	TYPE OF PLUGS		LIST-CSG-HARDWARE		SQ MANI FOLD Y N
	TOP BTM				
PHYSICAL SLURRY PROPERTIES					
	SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY
					Bbl MIX WATER
50-H		.5% CF-14 A			
50-H					
CONFIDENTIAL					
ORIGINAL					

Available Mix Water	Bbl.	Available Displ. Fluid	Bbl.	TOTAL			
HOLE		TBG-CSG-D.P.		TBG-CSG-D.P.		COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	SIZE
			2 3/4			5177	4 1/2
				10.5			5652
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
SIZE	WGT.	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM
4 1/2	10.5		5700	Techline	5177	5269	5271
CAL. DISPL. VOL.-Bbl.		CAL. PSI		CAL. MAX PSI		OP. MAX	
TBG.	CSG.	CSG.	TOTAL	BUMP PLUG	TO REV.	SQ. PSI	RATED
20.0	1.5		21.5		1950		
MAX TBG PSI		MAX CSG PSI		DISPL. FLUID		WATER SOURCE	
2000		300		H2O		8.3	

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

PRESSURE/RATE DETAIL					EXPLANATION	
TIME HR: MIN.	PRESSURE-PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: WPS CREW <input checked="" type="checkbox"/> CO. REP <input checked="" type="checkbox"/>
	PIPE	ANNULUS				
14:22		500	4	49		CIRCULATING WELL-RIG. <input type="checkbox"/> WPS <input checked="" type="checkbox"/>
16:44	1500	500	1.2	17		Annul. Breakdown
16:51	900	400	3	18		MPX
17:05	1000	400	1	0		Disp
17:28	2000	400	.4	18		Sg-Max -
17:30	0	400	-	-		REL PRESSURE
17:33	2200	400	-	-		Test
17:35	0	0	-	-		REL Press.
17:45	OPEN	1000				Rev. out
17:56		800				Shut down
		0				Pull tub.
18:04	1500	500				DRCS. Annul. & Tub.
18:07	-	-				Shut down
MAR 11 1997						
FROM CONFIDENTIAL						
Thank you D. Annington J. Brougher						
STATE RECEIVED CORPORATION COMMISSION JAN 7 1995 CONSERVATION DIVISION WICHITA, KANSAS						
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	TOTAL Bbl. PUMPED	Bbl. CMT RETURNS/ REVERSED	PSI LEFT ON CSG	SPOT TOP CEMENT
Y N		Y N			1500	
SER. SUR		D. ANNINGTON				
CUSTOMER REP.		J. BROUGHER				