

FORM MUST BE TYPED

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

API NO. 15- 15-187-20548-0006 **ORIGINAL**
County STANTON
C NW NW Sec. 17 Twp. 29S Rge. 39W ^E WW

Operator: License # 3871

Name: Hugoton Energy Corporation

Address 229 E. William, # 500

City/State/Zip Wichita, KS 67202

Purchaser: N/A

Operator Contact Person: Jim Gowens

Phone () (316) 262-1522

Contractor: Name: MURFIN RIG 22

License: 6033

Wellsite Geologist: KARL OSTERBUHR

Designation Type of Completion
XXX 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 _____ Old Total Depth _____

Deepening Re-perf. Conv. to SWD SIOW
 Plug Back PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
02/18/91 03/01/91 03/22/91

Spud Date _____ Date Reached TD _____ Completion Date _____

TURNED OVER TO AMOCO for Infill well

3960 FSL Feet from S/N (circle one) Line of Section
3960 FEL Feet from E/W (circle one) Line of Section

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

Lease Name BARBER FARMS Well # 1-17

Field Name SANDY ARROYO (ABD)

Producing Formation _____

Elevation: Ground 3232 KB 3241

Total Depth 5810 PBDT _____

Amount of Surface Pipe Set and Cemented at 1813 Feet

Multiple Stage Cementing Collar Used? XX Yes No

If yes, show depth set 2727 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan 5-5-93
_____ must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Watering method used _____

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.

All requirements of the statutes, rules and regulations promulgated to 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 Exploration Manager

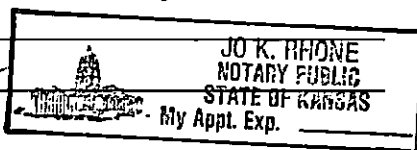
JAN 30 1992

Date 01/29/92

Subscribed and sworn to before me this 30 day of January, 1992.

Notary Public Jo K Rhone

Date Commission Expires 9/4/92



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

Operator Name Hugoton Energy Corporation Lease Name BARRER FARMS Well # 1-17

Sec. 17 Twp. 129S Rge. 39W 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,CNL/FDC, MIL, PE (BPB)

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
KRIDER	2304	
WINFIELD	2370	
HEEBNER	3799	
MARMATON	4435	
MORROW SHALE	5141	
ST GEN	5550	
ST LOUIS	5611	

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	8.625		1813	35/65 POZMIX	755	6% GEL 2 % CC
Production	7 7/8	5.500		5810	CLASS 'C'	170	.5% D-60
DV Tool				2727	CLASS 'C'	245	

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				

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	5745-48	NONE, SWAB 26 BF/II, 5% OIL	
		TURNED OVER TO AMOCO FOR HUGOTON INFILL WELL	

TUBING RECORD Size _____ Set At _____ Packer At _____ Liner Run Yes No

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	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. Commingled Other (Specify) _____

Production Interval _____

ORIGINAL

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Hugoton Energy Corporation
Barber Farms # 1-17
Sec 17-T29S-R39W
API: 15-187-20,548

Drill Stem Test Information

DST #1 5468-5480 (Morrow)
Mis-run

DST #2 5650-5695 (St. Louis 'B' - Straddle)
Times: 30-60-30-90
Recovery - 5'OSM
IHP: 2619 FHP: 2567
IFP: 55-55 FFP: 55-55
ISIP: 1599 FSIP: 1272
BHT: 108

DST #3 5729-5810 (St. Louis 'C' - Straddle)
Times: 30-60-45-120
Recovery: 120' GIP, 90' CGO (80% oil) + 240' HG&OCM (30% oil)+
 180' MO&GCW (10% oil) + 1470' OCW (10% oil)
IHP: 2670 FHP: 2593
IFP: 982-1524 FFP: 1549-1574
ISIP: 1561 FSIP: 1574
BHT: 142

No other tests taken.

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 30 1992

CONSERVATION DIVISION
WICHITA, KS



DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER	03-12-3589	DATE	2/20/91
STAGE	DS	DISTRICT	03-12

DS-496 PRINTED IN U.S.A.

WELL NAME AND NO. BARBER FARMS #1-17	LOCATION (LEGAL) SEC-17-295-39W	RIG NAME: MURFIN # 22
FIELD-POOL HUGOTON FIELD	FORMATION SURFACE	WELL DATA: BIT SIZE 12 7/16 CSG/Liner Size 8 5/8
COUNTY/PARISH STANTON	STATE KC	API. NO.
NAME HUGOTON ENERGY	AND	WELL DATA: TOTAL DEPTH 1815 WEIGHT 24.0 - 23rd
ADDRESS	ZIP CODE	WELL DATA: <input checked="" type="checkbox"/> ROT <input type="checkbox"/> CABLE FOOTAGE 1813.86
SPECIAL INSTRUCTIONS EQUIPMENT: MATERIALS To Do 8 5/8 SURFACE CASING		WELL DATA: MUD TYPE GRADE J-55
		WELL DATA: <input type="checkbox"/> BHST <input type="checkbox"/> BHCT THREAD 8ECL
		WELL DATA: MUD DENSITY 1771.90 (41.96 SS) TOTAL
		WELL DATA: MUD VISC. Disp. Capacity 113.5

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

Float	TYPE	INSERT VALVE	TYPE	
	DEPTH	1771.90	DEPTH	
SHOE	TYPE	TEXAS PATTERN	TYPE	
	DEPTH	1813.86	DEPTH	

Head & Plugs TBG D.P. SQUEEZE JOB

Double SIZE WEIGHT

Single GRADE TAIL PIPE: SIZE DEPTH

Swage THREAD TUBING VOLUME Bbls

Knockoff NEW USED CASING VOL. BELOW TOOL Bbls

TOP OR DEPTH TOTAL Bbls

BOT OR ANNUAL VOLUME Bbls

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE **714** PSI CASING WEIGHT = SURFACE AREA (3.14 x R²)

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

ROTATE RPM RECIPROCATATE FT No. of Centralizers **5**

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION		SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME: ASAP	DATE: 2/20/91	TIME: 10:00	DATE: 2/20/91	TIME: 18:00	DATE: 2/20/91		
0001 to 2400												
15:30	2180											PRE-JOB SAFETY MEETING PSI TEST LINES
15:32		90	10		6	H2O	8.34					START H2O AHEAD
15:33		140	236	10	6	CMT	12.2					START LEAD CMT
16:13		140	29	246	6	CMT	14.8					START TAIL CMT
16:18		20		275								SHUT DOWN & DROP PLUG
16:22		80	113.5	275	6	H2O	8.34					START Displacement
16:33		310		388.5	6	CMT	12.2					CMT TO SURFACE - (147SKS TOTAL TO SURFACE)
16:40		360			2	H2O	8.34					LOWER RATE
16:48		440			1	H2O	8.34					LOWER RATE
16:51		1000		388.5	1	H2O	8.34					BUMP PLUG
16:52		0										BIKED OFF PSI - CHECK FLOAT - FLOAT HOLDING
16:52												END JOB

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REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS	SLURRY MIXED BBLs	DENSITY
1.	630	2.10	35/65 POC + 6% D20 + 2% S1 + 1/4 W/HTA/KS	236	12.2
2.	125	1.32	CLASS C + 2% S1 + 1/4 #13K D29	29	14.8
3.					
4.					
5.					
6.					

BREAKDOWN FLUID TYPE

HESITATION SO. RUNNING SO. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO 147 SKS - 55 Bbls

BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. **113.5** 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 **[Signature]** DS SUPERVISOR **[Signature]**



TREATMENT NUMBER	0312 3418	DATE	3/3/91
STAGE	DS	DISTRICT	WILSONS KS

DS-496 PRINTED IN U.S.A.

WELL NAME AND NO. Barber Farms	LOCATION (LEGAL) Sec 17-29s-37W
FIELD-POOL Hugoton	FORMATION
COUNTY/PARISH Seward	STATE KANSAS
API. NO.	
NAME Hugoton Energy	
AND	
ADDRESS	
ZIP CODE	

RIG NAME: muclim #22	
WELL DATA:	BOTTOM TOP
BIT SIZE 7 7/8	CSG/Liner Size 5 1/2
TOTAL DEPTH	WEIGHT 15.5
<input checked="" type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE 5811.6
MUD TYPE	GRADE
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD 8 3/4
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S)
MUD VISC.	Disp. Capacity 5811.6
TOTAL 138.3/64.9	

SPECIAL INSTRUCTIONS

Provide Materials + services to Saly cmt 5 1/2 2 stage 2.5. Production casing

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE **3473** PSI CASING WEIGHT + SURFACE AREA (3.14 x R²)

PRESSURE LIMIT **1000** PSI BUMP PLUG TO **610/1500** PSI

ROTATE **60** RPM RECIPROCATE **60** FT No. of Centralizers

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

SHOE	TYPE	DEPTH	STAGE TOOL	TYPE	DEPTH
	Shoe			2 Stage	2927
	Auto Fill Flapper				
	5811.6				

Head & Plugs TBG D.P. SQUEEZE JOB

Double SINGLE WEIGHT GRADE THREAD

TOOL TYPE DEPTH TAIL PIPE: SIZE DEPTH TUBING VOLUME Bbbs CASING VOL. BELOW TOOL Bbbs TOTAL Bbbs ANNUAL VOLUME Bbbs

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	
04:35	0400	NA	1	-	2:00	3/3/91	9:00	3/3/91	11:00	3/4/91	
04:37	NA	350	12	-	PRE-JOB SAFETY MEETING 7psi Test done						
04:40		320	39.9	-	Chemical flush ahead + spc start cmt slurry						
04:47		0	-	-	Shot down, wash done, drop plug						
04:51		110	138	-	Start displacement						
05:17		330	128	-	Lower pump Rt.						
05:25		610	-	-	Bump plug						
05:26		0	-	-	Release PSI						
05:43		720	2	-	Set packer						
09:39		130	10	-	H2O ahead						
09:42		150	18.7	-	start lead cmt						
09:45		150	45.8	-	start tail cmt						
09:53		140	-	-	Shot down, wash done, drop plug						
09:57		70	65	-	start displacement						
10:07		120	-	-	Lower pump Rt.						
10:11		1500	-	-	Bump plug						
10:14	0	0	-	-	Release PSI						

REMARKS: Stage 1 final psi before bumping plug 400# 2nd stage 200# Job Done (10:15)

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
					BBLs	DENSITY
1.	140	1.32	CLASS C + .5% 060 + 1/4 #/sk 009		39.9	14.8
2.	50	2.1	35/65 70/c + 6% 020 + 1/4 #/sk 009		18.7	12.3
3.	195	1.32	Class "E" 5% 060 + 1/4 #/sk 009		45.8	14.8
4.			2nd stage w/20 BBLs DISP. LEFT			
5.						
6.						

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX. 1500	MIN: 0
<input type="checkbox"/> HESITATION SO.	<input checked="" type="checkbox"/> RUNNING SO.	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. 138.3/64.9 Bbbs	TYPE OF WELL <input checked="" type="checkbox"/> OIL <input type="checkbox"/> GAS
Washed Thru Perfs	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT <input checked="" type="checkbox"/> WIRELINE	<input type="checkbox"/> STORAGE <input type="checkbox"/> INJECTION <input type="checkbox"/> BRINE WATER <input type="checkbox"/> WILDCAT
PERFORATIONS	TO	TO	CUSTOMER REPRESENTATIVE	DS SUPERVISOR	
			Ron OSTERBUTR	Greg Black	