

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

API NO. 15- 175-21507-0000

County Seward

C SW - SE S 3 T 32S R 33 W

Operator: License # 3871

Name: Hugoton Energy Corporation

Address: 301 N. Main, Suite 1900

City/State/Zip Wichita, Kansas 67202

Purchaser: TEXACO TRADING & TRANSPORTATION

Operator Contact Person: Earl Ringeisen

Phone (316) 262-1522

Contractor: Name: Val Energy #1

License: 5822

Wellsite Geologist: Karl Osterbuhr

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 _____ Old Total Depth: _____

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

11/24/95 12/07/95 12/30/95
 Spud Date Date Reached TD Completion Date

660 Feet from Line of Section

1980 Feet from Line of Section

Footages Calculated From Nearest Outside Section Corner:

NE, NW, or SW (circle one)

Lease Name Angell ** Well # 2-3

** Name changed from Citizens State Bank #1-3

Field Name ANG

Producing Formation Chester

Elevation: Ground 2882' KB _____

Total Depth 6020' PBTB _____

Amount of Surface Pipe Set and Cemented at 1792' Feet.

Multiple State Cementing Collar Used? Yes No

If yes, show depth set 2984' Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 1 2/4 8-29-96

(Data must be collected from the Reserve Pit)

Chloride content 13500 ppm Fluid volume 737 'bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec _____ Twp _____ R _____ E/W _____

County _____ Docket No. _____

APR 6 1998

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market, Finney State Office Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-131, 82-3-132, 82-3-133, 82-3-134, 82-3-135, 82-3-136, 82-3-137, 82-3-138, 82-3-139, 82-3-140, 82-3-141, 82-3-142, 82-3-143, 82-3-144, 82-3-145, 82-3-146, 82-3-147, 82-3-148, 82-3-149, 82-3-150, 82-3-151, 82-3-152, 82-3-153, 82-3-154, 82-3-155, 82-3-156, 82-3-157, 82-3-158, 82-3-159, 82-3-160, 82-3-161, 82-3-162, 82-3-163, 82-3-164, 82-3-165, 82-3-166, 82-3-167, 82-3-168, 82-3-169, 82-3-170, 82-3-171, 82-3-172, 82-3-173, 82-3-174, 82-3-175, 82-3-176, 82-3-177, 82-3-178, 82-3-179, 82-3-180, 82-3-181, 82-3-182, 82-3-183, 82-3-184, 82-3-185, 82-3-186, 82-3-187, 82-3-188, 82-3-189, 82-3-190, 82-3-191, 82-3-192, 82-3-193, 82-3-194, 82-3-195, 82-3-196, 82-3-197, 82-3-198, 82-3-199, 82-3-200 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.

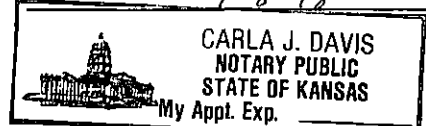
Signature Earl Ringeisen

Title Production Manager Date: 03/20/96

Subscribed and sworn to before me this 20th day of March

Notary Public Carla J. Davis

Date Commission Expires 7-8-98



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 Hugoton Energy Corporation Lease Name Angell Well # 2-3
 Sec 3 Twp 32S Rge 33 West County Seward

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 checked="" 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	Heebner	4226	-1339
Electric Log Run (Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	4352	-1465
List All E. Logs run:	Micro-Resistivity, Array Induction Shallow	Stark	4800	-1913
Focused, Compensated Neutron/Compensated Photo-Density,	Borehole Compensated Sonic	Hushpuckney	4849	-1962
		Marmaton	4962	-2075
		Morrow	5500	-2613
		Chester	5642	-2755
		St. Genevieve	5810	-2923
		St. Louis	5854	-2967

CASING RECORD							
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"	25#	1792'	Common Lite	150	3% cc, 2% gel
Production	7-7/8"	4-1/2"	10.5#	5885'	Self Stress I	650	3% cc, 1/4#/sk Flo-Seal
Port Collar				2980'	35/65 Poz/C Class C	325	2% SI + .5% D60 + .2% D46 + 1/4#/ sk D29
						500	6% D20 + 2% SI + 1/4#/sk D29
						150	2% SI + 1/4#/sk D29

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	
	Specity Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
2	5804-5808'	Fracture	600 gal 15% NE-FE acid 10,000# 16/30 Ottawa Sand & 219 bbls 30# cross link gel	5804-5808'

TUBING RECORD	Size <u>2-3/8"</u> Set At <u>5840'</u>	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	<u>2/2/96</u>	Producing Method	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
Estimated Production per 24 Hours	Oil Bbls <u>153</u>	Gas Mcf <u>45</u>	Water Bbls <u>5</u> Gas-Oil Ratio <u>294:1</u> Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

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

*****TIGHT HOLE*****
Drill Stem Test Information for ACO-1
Hugoton Energy Corporation
Angell #2-3
Sec. 3-32S-33W, Seward County, KS
API # 15-175-21507

ORIGINAL

DST 1

Test Interval: 5490' - 5638'

Times: 30-60-10-90

First Open: Weak surface blow built to 1"

Second Open: Weak surface blow then died.

Recovery: 45' Gas in pipe
15' Drilling mud (100% mud)

Pressures IHP 2600
SIP 50-40
IFP 50-40
FFP 40-40
FHP 2508

DST 2

Test Interval: 5976' - 5808'

Times: 30-60-60-120

First Open: Surface blow built to bottom of bucket in 30 min. ISI no blow back.

Second Open: Fair blow to bottom of bucket in 2 min. FSI no blow back

Recovery: 825' Gas in pipe
15' H-O cut mud (40% oil, 60% mud)

Pressures IHP 3191
IFP 60-60
SIP 1221-1528
FFP 60-60
FHP 2763

DST 3

Test Interval: 5899' - 5916'

Times: 30-60-30-60

First Open: Weak surface blow built to 1"

Second Open: No blow

Recovery: 10' Very SL oil cut mud (100% mud)

Pressures IHP 2946
SIP 1672-1364
IFP 50-60
FFP 50-60
FHP 2820

CONFIDENTIAL

RELEASED

APR 6 1998

FROM CONFIDENTIAL

RECEIVED
KANSAS CORP COMM
1998 MAR 21 P 11: 56

MAR 20
CONFIDENTIAL

ALLIED CEMENTING CO., INC.

4081

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

CONFIDENTIAL
SERVICE POINT:

Oakley

DATE <u>11-25-95</u>	SEC. <u>3</u>	TWP. <u>32^s</u>	RANGE <u>33^w</u>	CALLED OUT	ON LOCATION <u>6:30^{pm}</u>	JOB START	JOB FINISH <u>12:15^{am}</u>
Citizen State LEASE <u>Bank</u>	WELL# <u>1-3</u>	LOCATION <u>Sublette 5 to 1507th 20-65-15</u>			COUNTY <u>Sevier</u>	STATE <u>Kan</u>	
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR Val Dole Co #1

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 1800'

CASING SIZE 8 5/8 DEPTH 1792'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 38'

CEMENT LEFT IN CSG. 38'

PERFS.

OWNER Sevier

CEMENT

AMOUNT ORDERED 150 sks cement 2 1/2" dia
650 sks 1 1/2" 3 1/2" dia, 1 1/2" #

COMMON @

POZMIX @

GEL @

CHLORIDE @

RELEASED @

APR 6 1998 @

FROM CONFIDENTIAL @

HANDLING 1000 @

MILEAGE @

MAR 20 CONFIDENTIAL @

TOTAL

RECEIVED
 KANSAS CORP CONIM
 1998 MAR 21 P 11:56

EQUIPMENT

PUMP TRUCK CEMENTER Walt

300 HELPER Terry

BULK TRUCK

309 DRIVER Wayne

BULK TRUCK

303 DRIVER Don

REMARKS:

Cement Drill Circ

SERVICE

DEPTH OF JOB 1792'

PUMP TRUCK CHARGE 1,000.00

EXTRA FOOTAGE @

MILEAGE miles @

PLUG 8 5/8 Peshawar @

TOTAL

CHARGE TO: Hugoton Energy

STREET

CITY STATE ZIP

FLOAT EQUIPMENT

9 5/8

Guide shoe @

RFI insert @

3-venturines @

TOTAL

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Bob Smith

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

CEMENTING SERVICE REPORT

Schlumberger
Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER 03-12-7931	DATE 12-08-95
STAGE 1	DS UKS
DISTRICT 03-12	

PRINTED IN U.S.A.

WELL NAME AND NO. CITIZENS STATE BANK 1- SATANA
 LOCATION (LEGAL) SEC 3-225-33W
 FIELD-POOL
 COUNTY/PARISH SEWARD STATE KS APL NO.

WELL DATA: WELL NAME: MAL EN-264 41
 BIT SIZE 7 1/4 CSGLiner Size 4 1/2
 TOTAL DEPTH WEIGHT 10.5
 ROT CABLE FOOTAGE 5900
 MUD TYPE CEL GRADE
 BHST BHCT THREAD 8ird
 MUD DENSITY LESS FOOTAGE (SHOE JOINTS) 31
 MUD VISC. Disp. Capacity 93.3

CONFIDENTIAL

NAME HUGOTON ENERGY
 ADDRESS ORIGINAL
 ZIP CODE

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

TYPE ORIFICE FLAPP	DEPTH 5859	TYPE PORT COLLAR	DEPTH 2984
TYPE GUIDE	DEPTH 5885	TYPE	DEPTH

SPECIAL INSTRUCTIONS
 CEMENT PRODUCTION CASING
 AS PER BELOW SCHEDULE

Head & Plugs TBG D.P. SQUEEZE JOB
 Double SIZE
 Single WEIGHT
 Swage GRADE
 Knockoff THREAD
 TOOL TYPE DEPTH
 TAIL PIPE: SIZE DEPTH
 TUBING VOLUME Bbls
 CASING VOL. BELOW TOOL Bbls
 TOTAL Bbls
 ANNUAL VOLUME Bbls

CASING/TUBING SECURED? YES NO
 FT PRESSURE 3980 PSI CASING WEIGHT SURFACE AREA (3.14 x R²)
 PRESSURE LIMIT 2000 PSI BUMP PLUG TO 1700 PSI
 STATE RPM RECIPROCATE FT No. of Centralizers 8

TIME 001 TO 2400 PRESSURE VOLUME PUMPED BBL JOB SCHEDULED FOR TIME 0:20 DATE 12-8-95 ARRIVE ON LOCATION TIME 0:30 DATE 12-8-95 LEFT LOCATION TIME 10:30 DATE 12-8-95

TIME	PRESSURE		VOLUME PUMPED BBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM				
0130	ARRIVE	LOC	500	500	5.0 BPM	H ₂ O	8.3	PRE-JOB SAFETY MEETING TO RUN CASING HOOK TO CASING - RTG TO CIRC. FOR 15 MIN
0836	20	5	5	5	5.0 BPM	H ₂ O	8.3	START WATER
0837	320	10	5	5	5.0 BPM	CW7	8.3	START CW7
0839	350	7	15	15	5.0 BPM	H ₂ O	8.3	START CEMENT WATER SPACER
0840	350	76	22	6	3.0 BPM	CMT	14.8	START CEMENT
0853	350	10	98	5	5.0 BPM	CMT	15.8	INCREASE DENSITY
0855	0	108						SHUT DOWN - WASH LINE
0900	130	88	164	5	5.0 BPM	H ₂ O	8.3	DROP PLUG - START DISP.
0915	950	5	196	2	2.0 BPM	H ₂ O	8.3	LOWER RATE
0918	1700	261						PLUG DOWN
0919	0							BLEED PRESSURE - FLOAT HOLDING

RELEASED

APR 6 1998

FROM CONFIDENTIAL

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
			SELF STRESS	WATER	BBLs	DENSITY
1.	225	1.54	SELF STRESS	WATER	8.5	14.8
2.						
3.						
4.						
5.						
6.						

WINDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX. MIN: 0
 POSITION SQ. RUNNING-SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO Bbls
 WINDOWN PSI FINAL PSI DISPLACEMENT VOL. 93.3 Bbls TYPE OF WELL OIL GAS STORAGE INJECTION BRINE WATER WILDCAT
 Measured Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT WIRELINE
 OPERATIONS CUSTOMER REPRESENTATIVE DS SUPERVISOR
 TO TO Mr Joe Br... Louis H...

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER: 03-12-2007
 DATE: 12-28-95
 STAGE: DS DISTRICT: UNISSKS KS 03-12

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

WELL NAME AND NO.: **CITIZEN STATE BANK #3**
 LOCATION (LEGAL): **SFC 3-32-33W**
 FIELD-POOL: **HUGSTON**
 COUNTY/PARISH: **SEWARD** STATE: **KS** API. NO.:

RIG NAME: **Patrick Well Services**
 WELL DATA: BIT SIZE: **4 1/2"** CSG/Liner Size: **4 1/2"** WEIGHT: **10.5** FOOTAGE: **3200**
 MUD TYPE: **J-55** GRADE: **BRD** THREAD: **BRD**
 MUD DENSITY: LESS FOOTAGE SHOE JOINT(S): **ORIGINAL** TOTAL: **ORIGINAL**
 MUD VISC.: Disp. Capacity:

NAME: **Hugston Energy**
 AND: **CONFIDENTIAL**
 ADDRESS: **CONFIDENTIAL**
 ZIP CODE:

SPECIAL INSTRUCTIONS: **Safely Cement 4 1/2 production casing through PORT COLLAR DOWN TUBING WITH 500 SKS OF LEAD CEMENT AND 150 SKS OF TAIL CEMENT AS DIRECTED BY THE CUSTOMER**

NOTE: Include Footage From Ground Level To Head In Disp. Capacity
 Float TYPE: **PORT COLLAR** DEPTH: **2930**
 Stage Tool TYPE: DEPTH:

IS CASING/TUBING SECURED? YES NO
 LIFT PRESSURE: **2000** PSI CASING WEIGHT + SURFACE AREA (3.14 x R²)
 PRESSURE LIMIT: **2000** PSI BUMP PLUG TO: PSI
 ROTATE: RPM RECIPROCATATE FT No. of Centralizers

Head & Plugs: TBG D.P. SQUEEZE JOB
 Double SIZE: **2 3/8**
 Single WEIGHT: **4.7**
 Swage GRADE: **BRD**
 Knockoff THREAD RIG
 TOOL TYPE: DEPTH: **3000**
 TAIL PIPE: SIZE DEPTH: **3000**
 TUBING VOLUME: Bbls
 CASING VOL BELOW TOOL: Bbls
 ANNUAL VOLUME: Bbls

TIME: 0001 to 2400 PRESSURE: TBG OR D.P. CASING VOLUME PUMPED BBL: INCREMENT CUM
 JOB SCHEDULED FOR TIME: 1000 DATE: 12-24-95 ARRIVE ON LOCATION TIME: 1010 DATE: 12-23-95 LEFT LOCATION TIME: 1600 DATE: 12-23-95

TIME	PRESSURE	VOLUME PUMPED BBL	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
1030						PRE-JOB SAFETY MEETING
11:16	2500			H ₂ O	2.34	PRESSURE TEST LINES
11:18	2000	25	3	H ₂ O	3.34	LOAD TUBING / TEST B.P. 2000
11:34	0	12	25	SAND	9.96	LOST SAND PLUG
11:42	500	33	37	H ₂ O	3.34	CIRCULATE HOLD CEMENT DOWN TUBING
11:56			70			SHUT-DOWN / OPEN PORT-COLLAR
12:16	700	8	3.5	H ₂ O	9.34	START H ₂ O
13:19	710	208	8	CMT	12.2	START LEAD SLURRY
14:06	1000	35	216	CMT	14.8	START TAIL SLURRY
14:07						SHUT-DOWN / CLEAN DOWN-OUT
14:13	620	35	3.6	CMT	14.2	START TAIL SLURRY
14:23	770	11.5	39	H ₂ O	3.34	START DISPLACEMENT
14:25	2000		11.5			SHUT-DOWN CLOSE PORT COLLAR USE TEST CUM
14:42	700	10	4.0	H ₂ O	3.34	START REVERSE C.R.C.
14:47			13			SHUT-DOWN
14:56	650	42	4.0	H ₂ O	2.34	REVERSE-OUT SAND PLUG
15:10		42				SHUT-DOWN / END JOB

REMARKS: **LOST C.M.C. AT END OF LEAD (LOST C.R.C. 250 BBL) LIFT WAS 1190 PSI AT END OF D.S.P.**

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS	SLURRY MIXED
1.	500	2.10	25.65 00210 + 1070 D 20 + 270 S1 + 1/4 #1 SK D 29	187 12.2
2.	150	1.12	C + 270 S1 + 1/4 #1 SK D 29	35.2 14.8
3.				
4.				
5.				
6.				

RELEASED

BREAKDOWN FLUID TYPE: HESITATION SO. RUNNING CIRCULATION LOST
 DENSITY: **11.5** PRESSURE: **11 SK** MAX. MIN.: **4** Bbls
 Cement Circulated To Surf. YES NO
 BREAKDOWN: PSI FINAL: **11.5** PSI DISPLACEMENT VOL.: **11.5** Bbls
 Washed Thru Perfs: YES NO TO: FT. MEASURED DISPLACEMENT: WIRELINE
 PERFORATIONS: TO TO TO TO
 CUSTOMER REPRESENTATIVE: **CONFIDENTIAL** SUPERVISOR: **CONFIDENTIAL**