

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

ORIGINAL

API NO. 15- 15-129-21079-0000

County MORTON

C - NW NE Sec. 27 Twp. 32 Rge. 40 W W^E

4620 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, SE, NW or SW (circle one)

Lease Name ASMUSSEN Well # 1-27

Field Name KINSLER

Producing Formation MORROW

Elevation: Ground 3331 KB 3339

Total Depth 5700 PBDT 5617

Amount of Surface Pipe Set and Cemented at 1578 Feet

Multiple Stage Cementing Collar Used? XX Yes No

If yes, show depth set 2799 Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

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

Chloride content ppm Fluid volume bbls

Dewatering 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.

Operator: License # 3871

Name: Hugoton Energy Corporation

Address 229 E. William, # 500

City/State/Zip Wichita, KS 67202

Purchaser: SPOT

Operator Contact Person: Jim Gowens

Phone () (316) 262-1522

Contractor: Name: TRANS-PAC DRILLING

License: 5841

Wellsite Geologist: KARL OSTERBUHR

Designate Type of Completion

XXX 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 **RECEIVED**
KANSAS CORPORATION COMMISSION

Operator:

Well Name: **JAN 30 1992**

Comp. Date Old Total Depth **CONSERVATION DIVISION**
WICHITA, KS

 Deepening Re-perf. Conv.

 Plug Back PBDT

 Commingled Docket No.

 Dual Completion Docket No.

 Other (SWD or Inj?) Docket No.

05/04/91 05/16/91 / /

Spud Date Date Reached TD Completion Date

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 Exploration Manager Date 01/30/92

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

Notary Public Jo K. Rhone

Date Commission Expires 9/4/92

JO K. RHONE
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp.

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
<input type="checkbox"/>		<input type="checkbox"/> Other
(Specify)		

Operator Name Hugoton Energy Corporation Lease Name ASMUSSEN Well # 1-27
 Sec. 27 Twp. 32S Rge. 40W East West
 County MORTON

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 W/CAL,RFS

Log Sample
Formation (Top), Depth and Datum

Name	Top	Datum
WABAUNSEE	2968	
HEEBNER	3674	
MORROW SHALE	4971	
MORROW 'E' SD	5155	
MORROW 'F' SD	5255	
MORROW 'G' SD	5336	
KEYES	5423	
ST GEN	5484	

CASING RECORD <input 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		1578	35/65 POZMIX	665	6 % D-20
Production	7 7/8	4 1/2	10.5	5669	CLASS 'C'	480	1/4 # D-29/SACK
DV Tool				2799	CLASS 'C'	200	

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	5433-38	500 GAL ACID; SWAB 3 BWPB SSG	SET BP AT 5404
2	5382-85	350 GAL 7.5% ACID, SWAB 2.25 BWPB SSG,	BP AT 5368	
2	5350-53	500 GALS 7.5% ACID; FRAC W/26,000 GAL	26,000# SD	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8	5360			
Date of First, Resumed Production, SWD or Inj. / /			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.	Gas 150 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: 5350-53

DS-406 PRINTED IN U.S.A.

ORIGINAL
DOVEL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER: 0312-160
DATE: 5/5/91
STAGE: DB ULS DISTRICT: 0-12

WELL NAME AND NO.: **AGMISSEN #1-27**
LOCATION (LEGAL): **SEL-27-225-4003**

RIG NAME: **TRANS-PAC Drilling Rig #2**

FIELD POOL: **HILICOTON**
FORMATION: **SURFACE**

WELL DATA: BIT SIZE **12 1/4** CSQ/Liner Size **8 5/8**

COUNTY/PARISH: **Morton** STATE: **Ks** APL NO.:

TOTAL DEPTH: **1582** WEIGHT: **24.0**

NAME: **HILICOTON ENERGY**

FOOTAGE: **1582.33** GRADE: **---**

AND:

MUD TYPE: **---** MUD DENSITY: **1542.70** LESS FOOTAGE (SHOUL JOINTS): **39.63** SS: **55** TOTAL

ADDRESS:

MUD VISC.: **98** Disp. Capacity: **98**

SPECIAL INSTRUCTIONS: **EQUIPMENT & MATERIALS TO LOG 2 3/4 SURFACE CASING**

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

ZIP CODE:

TYPE: **INSERTION** DEPTH: **1542.70**

IS CASING/TUBING SECURED? YES NO

TYPE: **TEXAS PATERN** DEPTH: **1582.33**

LIFT PRESSURE: **570** PSI CASING WEIGHT + SURFACE AREA (3.14 x R²):

Head & Plug: TSG D.P. SQUEEZE JOB

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

Double: SIZE: WEIGHT: GRADE: THREAD: NEW USED

ROTATE: RPM: RECIPROCATE: FT: No. of Centralizers: **5**

Swage: GRADE: TUBING VOLUME: BI

TIME: 0001 to 2400

JOB SCHEDULED FOR TIME: **ASAP** DATE: **5/5/91** ARRIVE ON LOCATION TIME: **20:15** DATE: **5/5/91** LEFT LOCATION TIME: **10:00** DATE: **5/6/91**

TIME	PRESSURE		VOLUME PUMPED BBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TRD	CASING	INCREMENT	CUM				
07:47	2200					H2O	8.34	PRE-JOB SAFETY MEETING
07:49		120	5		5	H2O	8.34	START H2O AHEAD
07:50		2100	247		6	CMT	12.3	START LEAD CMT
07:59		2100	247		10	CMT	14.8	START TAIL CMT
08:24		20						SHUTDOWN & DROP PLUG
08:39		210	98		6	H2O	8.34	START DISPLACEMENT
08:48		310			5	CMT	12.3	CMT TO SURFACE
08:54		390			2	H2O	8.34	LOWER RATE
08:57		380			1	H2O	8.34	LOWER RATE
08:58		1120			1	H2O	8.34	BUMP PLUG
08:59		0			0			CHECK FOOT - FOOT HOLDING
09:00								END JOB

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 30 1992

REMARKS:

CONSERVATION DIVISION
WICHITA, KS

SYSTEM CODE	NO. OF BAGS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
					BBL/S	DENSITY
1.	540	2.1	55% CEM 104 + 10% DEX + 19% SI + 16% H ₂ O		202	12.5
2.	125	1.32	CIN-55-C + 2% H ₂ O + 14% H ₂ O		27	14.8
3.						
4.						
5.						
6.						

BREAKDOWN FLUID TYPE: HESITATION BG. RUNNING SQ. CIRCULATION LOST YES NO

DENSITY: **98** BBL/S

PRESSURE: MAX. MIN. Cement Circulated To Surf. YES NO **107.15 40 bbl.**

DISPLACEMENT VOL. **98** BBL/S

Washed Thru Perls: YES NO TO: **---** FT. MEASURED DISPLACEMENT: WIRELINE

PERFORATIONS: TO: TO: CUSTOMER REPRESENTATIVE: **Ernie T. ...** DS SUPERVISOR: **...**

DS-496 PRINTED IN U.S.A

WELL NAME AND NO: Asmlissen #1-27
 LOCATION (LEGAL): SEC - 27-32s - 40W
 FIELD-POOL: HUGOTON
 COUNTY/PARISH: MORTON
 STATE: KS
 API. NO.:
 NAME: HUGOTON ENERGY
 ADDRESS:
 ZIP CODE:

RIG NAME: TRANS - PAC #2
 WELL DATA: BIT SIZE 7/8 CSG/Liner Size 4 1/2
 TOTAL DEPTH 5700 WEIGHT 10.5
 ROT CABLE FOOTAGE 5672 10
 MUD TYPE GRADE
 BHST BHCT THREAD 82d
 MUD DENSITY LESS FOOTAGE SHOE JOINT(S) 2800 DV-Tool
 MUD VISC. Disp. Capacity 44.5
 NOTE: Include Footage From Ground Level To Head in Disp. Capacity

SPECIAL INSTRUCTIONS: EQUIPMENT & MATERIALS
To Do 4 1/2 2-STAGE
 IS CASING/TUBING SECURED? YES NO
 LIFT PRESSURE 3210 PSI CASING WEIGHT + SURFACE AREA (3.14 x R²)
 PRESSURE LIMIT PSI BUMP PLUG TO 500 OVR PSI
 ROTATE 0 RPM RECIPROCATATE 0 FT No. of Centralizers 12

Float TYPE WSPRT DEPTH 5638.92
 Shoe TYPE CMT SWD DEPTH 5672.10
 Squeeze Job TYPE DV-Tool DEPTH 2800
 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
 BOT. OR. QW DEPTH TOTAL Bbls
 ANNUAL VOLUME Bbls

JOB SCHEDULED FOR TIME: ASAP DATE: 5/16/91 ARRIVE ON LOCATION TIME: 08:30 DATE: 5/16/91 LEFT LOCATION TIME: 20:30 DATE: 5/16/91

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											
18:55		50	5		5	H2O	8.34				
18:56		90	97		5	CMT	12.3				
19:17		20	47		3.3	CMT	14.8				
19:30		0								SHUT DOWN ? DROP PLUG ? WASH LINES	
19:33		0	45		3.8	H2O	8.34			START DISPLACEMENT	
19:42		400			2	H2O	8.34			LOWER RATE	
19:47		1650			2	H2O	8.34			BUMP 2ND STAGE PLUG	
19:48		0								CHECK FLOAT - FLOAT HOLDING	
19:48										END JOB	

RECEIVED
 KANSAS CORPORATION COMMISSION
 JAN 30 1992
 CONSERVATION DIVISION
 WICHITA, KS

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED		
					BBLs	DENSITY	
1.	200	2.1	35/105 P ₈₀ / C + 6% D ₂₀₀ + 1/4 #1 SK D ₈₉			97	12.3
2.	200	1.32	C + 1/4 #1 SK D ₈₉			47	14.8
3.							
4.							
5.							
6.							

BREAKDOWN FLUID TYPE: HESITATION SO RUNNING SO. VOLUME: CIRCULATION LOST. DENSITY: 44.5 Bbls. PRESSURE: MAX. MIN. Cement Circulated To Surt. YES NO Bbls.
 BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. FT. MEASURED DISPLACEMENT WIRELINE
 Washed Thru Ports YES NO TO TO
 PERFORATIONS TO TO CUSTOMER REPRESENTATIVE: T. Maxwell DS SUPERVISOR: J. M. Edward

CEMENTING SERVICE REPORT

ORIGINAL



DOVECT SCHLUMBERGER INCORPORATED

TREATMENT NUMBER 0212-3795 DATE 5/16/91
 STAGE 1 DS DISTRICT LKS 0212

DS-496 PRINTED IN U.S.A.

WELL NAME AND NO. Asmikskw #1-27
 LOCATION (LEGAL) SEC-27-325-40W
 FIELD-POOL HUGOTON
 COUNTY/PARISH MORFON STATE MO API. NO. Ke

RIG NAME: TEANS-PAC #2
 WELL DATA: BOTTOM TOP
 BIT SIZE 7 1/2 CSG/Liner Size 4 1/2
 TOTAL DEPTH 5760 WEIGHT 10.5
 ROT CABLE FOOTAGE 1672.10
 MUD TYPE GRADE
 BHST BHCT THREAD 82cd
 MUD DENSITY LESS FOOTAGE SHOE JOINT(S) 5638.92 - 33.18 SS TOTAL
 MUD VISC. Disp. Capacity 89.6 - 1ST STAGE

NAME HUGOTON ENERGY
 AND
 ADDRESS
 ZIP CODE

SPECIAL INSTRUCTIONS EQUIPMENT: MATERIAL
To Do 4 1/2 - 2STAGE

Float TYPE OPFKR Kill WORT TYPE DU-Tool
 DEPTH 5638.92 DEPTH 2800
 SHOE TYPE CMT GUIDE TYPE
 DEPTH 5672.10 DEPTH

IS CASING/TUBING SECURED? YES NO
 LIFT PRESSURE 3210 PSI CASING WEIGHT - SURFACE AREA (3.14 x R²)
 PRESSURE LIMIT PSI BUMP PLUG TO 500 OVR PSI
 ROTATE 0 RPM RECIPROCATATE 0 FT No. of Centralizers 12

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
 BOT-OR-OW DEPTH TOTAL Bbls
 2-STAGE ANNUAL VOLUME Bbls

JOB SCHEDULED FOR TIME 8:00 AM DATE: 5/16/91 ARRIVE ON LOCATION TIME: 0830 DATE: 5/16/91 LEFT LOCATION TIME: DATE: 5/16/91

TIME	PRESSURE		VOLUME PUMPED BBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	WYS	GR.D.P.	INCREMENT	CUM				
14:04	2930					H2O	8.34	PRE-JOB SAFETY MEETING Psi TEST LINES
14:06		180	12		4	H2O	8.34	START C.W. 100 WASH AHEAD
14:11		250	23		6	CMT	14.8	START CMT SLURRY
14:34		0						SMIT DOWN: DROP PLUG: WASH LINES
14:39		0	45		6	H2O	8.34	START DISPLACEMENT W/HOO
14:47		50	44.5		5	MUD	9.0	CONTINUE DISPLACE START MUD
14:55		660			2	MUD	9.0	LOWER RATE
14:58		820			1	MUD	9.0	LOWER RATE
14:59		1300			1	MUD	9.0	BUMP PLUG
15:00		0						CHECK FLOAT - FLOAT HOLDING
15:00								END 1ST STAGE
15:05		0						DROP OPENING BOMB
15:19		700	.5		2	MUD	9.0	OPEN STAGE COLLAR
15:19		90			5	MUD	9.0	START CIRCULATION
15:22								END CIRCULATION - SWITCH TO RIS

RECEIVED

REMARKS 1ST STAGE - 1ST 100 = H'S AT 15:00

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS	SLURRY MIXED	
				BBLs	DENSITY
1. ST	480	1.52	C + 0.5% D60 + 1/4" 15K D29	113	14.8
2. 168					
3.					
4.					
5.					
6.					

JAN 30 1992

CONSERVATION DIVISION WICHITA, KS

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX. MIN. Bbls.
 HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO
 BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. 89.6 Bbls TYPE OF WELL OIL GAS STORAGE INJECTION BRINE WATER WILDCAT
 Washed Thru Perls YES NO TO FT. MEASURED DISPLACEMENT WIRELINE
 PERFORATIONS TO TO CUSTOMER REPRESENTATIVE T. Maxwell DS SUPERVISOR Y. H. ...