

RELEASED

NOV 13 1990

ORIGINAL

CONFIDENTIAL

SIDE ONE

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

API NO. 15- 023-20,286-00-00

County CHEYENNE

SE SE NW Sec. 7 Twp. 2S Rge. 41 X East West

2970 Ft. North from Southeast Corner of Section

2970 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

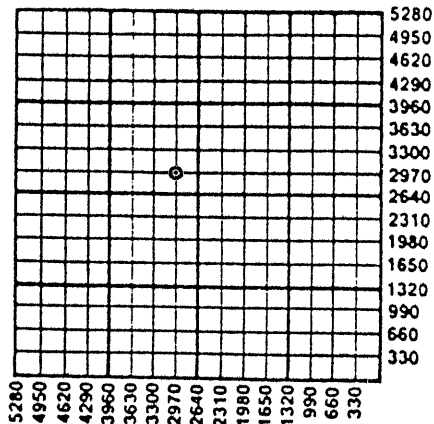
Lease Name Brunswig 315 Well # 7-6-1

Field Name Wildcat

Producing Formation Niobrara

Elevation: Ground 3615' KB 3620'

Total Depth 1747' PBDT 1673'



Amount of Surface Pipe Set and Cemented at 259' Feet

Multiple Stage Cementing Collar Used? X Yes X No

If yes, show depth set N/A Feet

If Alternate II completion, cement circulated from N/A

feet depth to N/A w/ N/A sx cmt.

Operator: License # 30201

Name: HILLIN-SIMON OIL COMPANY

Address P. O. Box 1552

City/State/Zip Midland, TX 79702

Purchaser: \_\_\_\_\_

Operator Contact Person: Stan Venable

Phone ( 915 ) 682-2202

Contractor: Name: Crandall Drilling, Inc.

License: 30480

Wellsite Geologist: \_\_\_\_\_

Designate Type of Completion

X New Well        Re-Entry        Workover

       Oil        SWD        Temp. Abd.

X Gas SI        Inj        Delayed Comp.

       Dry        Other (Core, Water Supply, etc.)

If ~~CMO~~ old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

X Mud Rotary        Air Rotary        Cable

10-11-90 10-13-90 10-30-90

Spud Date Date Reached TD Completion Date

**INSTRUCTIONS:** This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

All requirements of the statutes, rules and regulations promulgated for regulation of the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

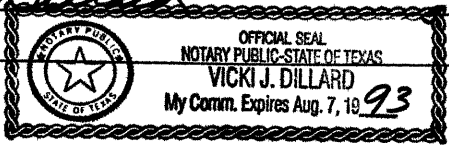
Signature Stan Venable **Stan Venable**

Title Staff Operations Engineer Date \_\_\_\_\_

Subscribed and sworn to before me this 13 day of November, 19 90.

Notary Public Vicki J. Dillard

Date Commission Expires \_\_\_\_\_



**K.C.C. OFFICE USE ONLY**  
Letter of Confidentiality Attached         
Wireline Log Received         
Drillers Timelog Received         
**Distribution**  
       KCC        SWD/Rep        NGPA  
       KGS        Plug        Other  
(Specify)

NOV 15 1990

CONSERVATION DIVISION  
Wichita, Kansas

PI

CONFIDENTIAL

SIDE TWO

Operator Name Hillin-Simon Oil Company Lease Name Brunswig 315 Well # 7-6-1

Sec. 7 Twp. 2S Rge. 41  East  West County Cheyenne

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.)

Formation Description  
 Log  Sample  
Name Top Bottom  
Niobrara 1516' 1554'  
(Beecher Island Zone)

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
<u>Surface</u>	<u>8 3/4"</u>	<u>7"</u>	<u>17</u>	<u>259'</u>	<u>Portland</u>	<u>52</u>	<u>None</u>
<u>Production</u>	<u>6 1/4"</u>	<u>4 1/2"</u>	<u>10.5</u>	<u>1707'</u>	<u>API Class</u>	<u>70</u>	<u>2% CaCl2</u>
					<u>"A"</u>		<u>&amp; 2% Halad</u>
							<u>344</u>

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
<u>2</u>	<u>1518-1550'</u>	<u>32,000 gal 25# gelled water &amp; 94,000 lb sand &amp; 60 tons CO2</u>	<u>1518-1550'</u>

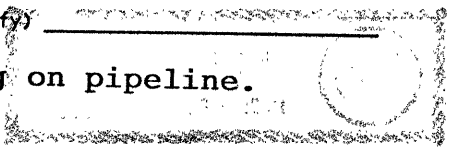
TUBING RECORD N/A Size Set At Packer At Liner Run  Yes  No

Date of First Production SI WOPL 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  Perforation  Dually Completed  Commingled  
 Other (Specify)

Well is presently SI, waiting on pipeline.



Denver Sterling

Brighton 7-6-1  
989553

BILLED ON TICKET NO.

FIELD: **4112** SEC: **2** TWP: **23** RNG: **4112** COUNTY: **Cheyenne** STATE: **Ks.**

FORMATION NAME: \_\_\_\_\_ TYPE: \_\_\_\_\_

FORMATION THICKNESS: \_\_\_\_\_ FROM: \_\_\_\_\_ TO: **NOV 13 1991**

INITIAL PROD. OIL: \_\_\_\_\_ BPD. WATER: \_\_\_\_\_ BPD. GAS: \_\_\_\_\_ MCFD

PRESENT PROD. OIL: \_\_\_\_\_ BPD. WATER: \_\_\_\_\_ BPD. GAS: \_\_\_\_\_ MCFD

COMPLETION DATE: \_\_\_\_\_ MUD TYPE: \_\_\_\_\_ MUD WT.: \_\_\_\_\_

PACKER TYPE: \_\_\_\_\_ SET AT: \_\_\_\_\_

BOTTOM HOLE TEMP.: \_\_\_\_\_ PRESSURE: \_\_\_\_\_

MISC. DATA: \_\_\_\_\_ TOTAL DEPTH: \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	4	10.5	4 1/2"	R.G.	1715.21	1000
LINER						
TUBING						
OPEN HOLE			6 1/4"	R.G.	17943	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

FROM CONFIDENTIAL

CONFIDENTIAL

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
Float Collar <b>4 1/2" Latch Down Collar</b>	<b>1 EA.</b>	<b>Hoss</b>
Float Shoe <b>55 F5 II</b>	<b>1 "</b>	<b>"</b>
GUIDE SHOES		
CENTRALIZERS <b>3-4</b>	<b>16 "</b>	<b>"</b>
BOTTOM PLUG		
TOP PLUG <b>Latch Down Plug</b>	<b>1 "</b>	<b>"</b>
HEAD <b>4" diameter</b>	<b>1 "</b>	<b>"</b>
WASHER <b>1/2" x 3/4" G.I. Clamp</b>	<b>1 "</b>	<b>"</b>
OTHER <b>weld-A</b>	<b>1 "</b>	<b>"</b>

JOB DATA

CALLS OUT	ON LOCATION	JOB START	JOB COMPLETED
DATE <b>10/13</b>	DATE <b>10/13</b>	DATE <b>10/13</b>	DATE <b>10/13</b>
TIME <b>1430</b>	TIME <b>2115</b>	TIME <b>2207</b>	TIME <b>2244</b>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<b>W. Goss</b>	<b>81949</b>	<b>39874</b>
<b>R. Kaudson</b>		<b>4867-1</b>
<b>G. Kaudson</b>		<b>7563</b>
		<b>1455</b>
		<b>400</b>

MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API \_\_\_\_\_

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API \_\_\_\_\_

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

ACID TYPE \_\_\_\_\_ GAL \_\_\_\_\_ %

ACID TYPE \_\_\_\_\_ GAL \_\_\_\_\_ %

ACID TYPE \_\_\_\_\_ GAL \_\_\_\_\_ %

SURFACTANT TYPE \_\_\_\_\_ GAL \_\_\_\_\_ IN.

NE AGENT TYPE \_\_\_\_\_ GAL \_\_\_\_\_ IN.

FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.

GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.

FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.

BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.

BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER **Mud Flush - 500 gal.**

OTHER **Cl-Fix - 4 "**

DEPARTMENT: **cont.**

DESCRIPTION OF JOB: **cont. 4 1/2" csg. job**

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN.

CUSTOMER REPRESENTATIVE: **X. Stephen D. Smith**

HALLIBURTON OPERATOR: **Goss**

COPIES REQUESTED: **1**

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<b>70</b>	<b>Premium</b>	<b>B</b>	<b>2% CC, 2% Haled-344</b>		<b>1.13</b>	<b>15.8</b>

PRESSURES IN PSI

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM **1000**

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_

HYDRAULIC HORSEPOWER \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_

AVERAGE RATES IN BPM \_\_\_\_\_

TREATING **5** \_\_\_\_\_ DISPL. **8-10** \_\_\_\_\_ OVERALL **9** \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

FEET **32.4** \_\_\_\_\_ REASON **shoe joint**

SUMMARY

VOLUMES

PRESLUSH: BBL **20, 12** TYPE **Cl-Fix 160, M.F.**

LOAD & BKDN: BBL-GAL \_\_\_\_\_ PAD: BBL-GAL \_\_\_\_\_

TREATMENT: BBL-GAL \_\_\_\_\_ DISPL. BBL **26.75**

CEMENT SLURRY: BBL **14.34**

STATE WATER VOLUME: BBL \_\_\_\_\_

REMARKS

NOV 15 1991

see job log

CONSERVATION DIVISION  
Wichita, Kansas

JOB LOG

WELL

7-6-1

LEASE

CRANSWING

TICKET NO.

989 553

CUSTOMER

Hillco - Simpson Oil Co.

PAGE NO.

1

FORM 2013 R-2

ORIGINAL

JOB TYPE

Long string

DATE

10/13/90

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1/30							called out
	2115							on loc.
	2116							set up
	2145							Hoss Ready <b>CONFIDENTIAL</b>
1	2207	8	20	1		250		Pump Cla-Fix water Ahead
2		8	12	1		300		1" Mud Flush
3		5	14.34	1		150		M.A. Cont.
4-5								shut Down - wash up - Drop Plug
6		8-10	26.75	2		0-600		Start Disp.
				1		200		Slow Rate
7	2230		26.75	1		1000		Plug Down - Pressure to 1000 psi.
8	2230					1000		hold 1 min.
9	2231					0		Release psi
						0		Rig Down
10	2244					0		End of Job

RECEIVED  
STATE CORPORATION COMMISSION

NOV 15 1990

CONSERVATION DIVISION  
Wichita, Kansas

CUSTOMER