

ORIGINAL

KCC

RELEASED

JUN 1 1

CONFIDENTIAL

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

API NO. 15- 023-20,307-0000

JUL 01 1992

CHEYENNE

Sec. 12 Twp. 2S Rge. 42 East West
SE SW NE
2970

FROM CONFIDENTIAL

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

New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas SI Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

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JUN 17 1991
06-17-91
CONSERVATION DIVISION
Wichita, Kansas

If OAWO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

04-04-91 04-06-91 04-23-91

Spud Date Date Reached TD Completion Date

Ft. North from Southeast Corner of Section

1870 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

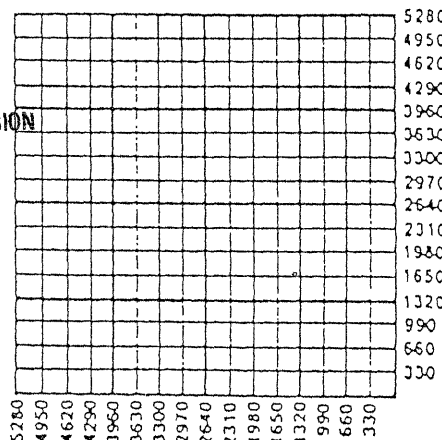
Lease Name Brunswig 315 Well # 12-7-4

Field Name Wildcat

Producing Formation Niobrara

Elevation: Ground 3615' KB 3620'

Total Depth 1764' PBTD 1659'



AIT-I

Amount of Surface Pipe Set and Cemented at 261 Feet

Multiple Stage Cementing Collar Used? Yes 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.

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 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.

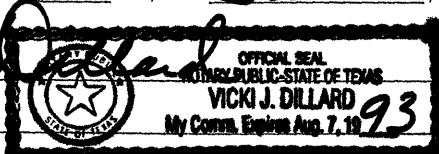
Signature Stan Venable Stan Venable

Title Staff Operations Engineer Date 05-22-91

Subscribed and sworn to before me this 11 day of June, 1991.

Notary Public Vicki J. Dillard

Date Commission Expires _____



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

SIDE TWO

Operator Name Hillin-Simon Oil Company Lease Name Brunswig 315 Well # 12-7-4

Sec. 12 Twp. 2S Rge. 42 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
 (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
Surface	.8 3/4"	7"	17	261	Portland	45	None
Production	6 1/4"	4 1/2"	10.5	1700	API Class "A"	70	2% CaCl2 & 2% Halad 344

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	1522-1554	32,000 gal 25# gelled water & 94,000 lb sand & 60 tons CO2	1522-1554'

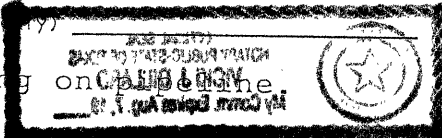
TUBING RECORD
 N/A Size _____ Set At _____ Packer At _____ Liner Run Yes No

Date of First Production _____ 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 casing & log



FIELD **ORIGINAL** SEC. **12** TWP. **25** RANG. **42W** COUNTY **Cherokee** STATE **KCC** **KS**

FORMATION NAME **APR 25 1991** TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

PRESENT PROD. OIL _____ BPD. WATER _____ BPD. GAS _____

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	U	10.5	4 1/2	1695	1500
LINER					
TUBING					
OPEN HOLE			6 1/4	KB	1764
PERFORATIONS					
PERFORATIONS					
PERFORATIONS					

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FROM CONFIDENTIAL

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE Super Seal U	1	Howco
GUIDE SHOE		
CENTRALIZERS S-4	6	"
BOTTOM PLUG Latch Down Bulk	1	"
TOP PLUG Latch Down 3.0	1	"
HEAD Plug Container	1	"
PACKER		
OTHER		

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 4-6-91	DATE 4-6-91	DATE 4-6-91	DATE 4-6-91
TIME 1530	TIME 2045	TIME 2047	TIME 2130

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
R. K. Anderson	4867	STERLING
J. W. Webb	39876	"
J. Lillpop	2530	Brighton

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL-°API _____

DISPL. FLUID _____ DENSITY _____ LB/GAL-°API _____

PROP. TYPE _____ SIZE _____ LB. _____

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 **500 gal Mud Flush 4 gal Clayfix**

OTHER **5 gal Adhib**

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CONSERVATION DIVISION
Wichita, Kansas
DESCRIPTION OF JOB **Cement 4% Prod. (Csg.)**

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE **X W.R. Richey**

HALLIBURTON OPERATOR **J. L. Webb** COPIES REQUESTED **1**

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	70	Premium	BLK	2% CaCl₂	2% Haled 344	1.15	15.8

PRESSURES IN PSI

CIRCULATING **200** DISPLACEMENT **800**

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____

HYDRAULIC HORSEPOWER _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING **5** DISPL. **5** OVERALL _____

FEET **29'** CEMENT LEFT IN PIPE **55'**

REASON **SS**

SUMMARY

VOLUMES **20 - 12**

PRESLUSH: BBL-GAL _____ TYPE **Clayfix mud flash**

LOAD & BKDN: BBL-GAL _____ PAD: BBL-GAL _____

TREATMENT: BBL-GAL _____ DISPL: BBL-GAL **76.5**

CEMENT SLURRY: BBL-GAL **14.25**

TOTAL VOLUME: BBL-GAL **72.75**

REMARKS **See Job Log**

CUSTOMER: **STERLING**
LEASE: **DRUMSBURG 315**
WELL NO: **12-7-4**
JOB TYPE: **4 1/2 Prod. Csg.**
DATE: **4-6-91**

HALLIBURTON SERVICES
JOB LOG

WELL NO. 12-7-4 LEASE Brunsawig 315 TICKET NO. 029112
 CUSTOMER Hillin Simon PAGE NO. 1
 JOB TYPE 4 1/2 Prod. Csg. DATE 4-6-91

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1530							RECEIVED ORIGINAL KCC
	2045							RELEASED Called Out On Location JUN 11
	2045							CONFIDENTIAL JUN 11 1992 Safety Meeting
	2047	6	32				200	FROM CONFIDENTIAL Water Ahead
	2059	5	14.25				450	Mix Cement
	2105							Flush Lines
	2108							Release Top Plug
	2110	6	20				350	Start Displace
	2113	4	6.5				800	Slow Rate
	2114						800	Plug Down
	2114						1500	Pressure Up
	2118							Release Pressure Float Held
	2130							Trucks Released

Thanks
John, Rick & Jerry

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CUSTOMER