

ORIGINAL

KCC

JUN 1 1

RELEASED SIDE ONE

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, 303

JUL 0 1 1992

County CHEYENNE

Operator: License # 30201 FROM CONFIDENTIAL

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.)

If OAWO: old well info as follows:

Operator:

Well Name:

Comp. Date Old Total Depth

Drilling Method:

Mud Rotary Air Rotary Cable

3-9-91 3-13-91 3-29-91

Spud Date Date Reached TD Completion Date

SW SE NE Sec. 15 Twp. 2S Rge. 42 East West

2970 Ft. North from Southeast Corner of Section

1310 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

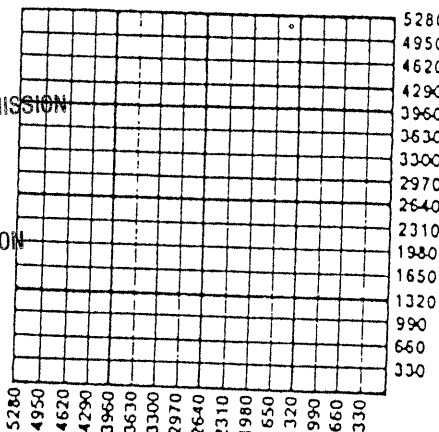
Lease Name Northrup 318 Well # 15-8-1

Field Name Wildcat

Producing Formation Niobrara

Elevation: Ground 3745' KB 3750'

Total Depth 1770' PBTD 1717'



Amount of Surface Pipe Set and Cemented at 353 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 WI N/A SX cmt.

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06-17-91
CONSERVATION DIVISION
Wichita, Kansas

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.

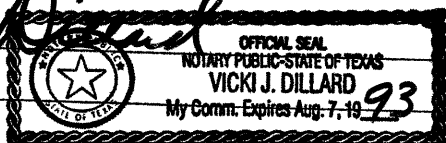
Signature Stan Venable

Title Staff Operations Engineer Date 5-22-91

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

KGS Plug Other (Specify)

SIDE TWO

Operator Name Hillin-Simon Oil Company

Lease Name Northrup 318

Well # 15-8-1

Sec. 15 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	353	Portland	52	None
Production	6 1/4"	4 1/2"	10.5	1745	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	1633-1677'	32,000 gal 25# gelled water & 94,000 lb sand & 60 tons CO2	1633-1677'

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:

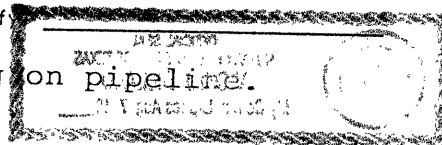
Vented Sold Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled
 Other (Specify)

Production Interval

Well is presently SI, waiting on pipeline.



December 31st

1000 TICKET NO. 029062

WELL DATA

FIELD _____ SEC. 15 TWP. 2³ RING. 42^W COUNTY Chapman STATE K.S.

FORMATION NAME _____ TYPE **RELEASED**

FORMATION THICKNESS _____ FROM _____ TO _____

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

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

COMPLETION DATE _____ MUD TYPE _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH _____

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FROM CONFIDENTIAL

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
Float Collar 4 1/2" L.H. Down Hole	1	Hess
Float Shoe 5 1/2" F.S. II	1	"
Guide Shoe		
Centralizers 2" 10"	10	"
Bottom Plug		
Top Plug 2" High Pressure Down	1	"
Head 1" High	1	"
Packer 4 1/2" F.S. II	1	"
Other 2" High	500 yds.	"

CALLED OUT DATE	ON LOCATION DATE	JOB STARTED DATE	JOB COMPLETED DATE
3/12	3/12	3/12	3/12
TIME 0040	TIME 0430	TIME 0654	TIME 0725

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
W. Cross	81944	Steching
R. Hartson	7563	"
G. Dighero	400	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 _____

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CONSERVATION DIVISION Wichita, Kansas

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE **X W & K**

HALLIBURTON OPERATOR **Cross**

COPIES REQUESTED **1**

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	10	150				2 1/2" 150 lb, 2 1/2" 150 lb 344	1.18	1518

PRESSURES IN PSI

SUMMARY

CIRCULATING _____ DISPLACEMENT _____ PRELUSH: BBL.-GAL. **20, 12**

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. **29.43**

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. **14.71**

ORDERED _____ AVAILABLE _____ USED _____ TOTAL VOLUME: BBL.-GAL. **74.14**

HYDRAULIC HORSEPOWER

REMARKS

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM

CIRCULATING **5-6** DISPL. **8-10** OVERALL **8**

CEMENT LEFT IN PIPE **17.87** REASON **Shut Tool**

500 Job Log

CUSTOMER: Hilltop - Sumner
LEASE: Northrup - 318
WELL NO.: 15-8-1
JOB TYPE: Workover
DATE: 3/12/91

HALLIBURTON SERVICES
JOB LOG

W. NO. 15-8-1 LEASE Northrup-318 TICKET NO. 029062

ORIGINAL

CUSTOMER Hillen-Simons

PAGE NO. 1

FORM 2013 R-2

JOB TYPE Longstring

DATE 3/13/91

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0240							called out
	0430							on loc. - Pump truck
	0435							set up
	0525							Mass Ready
	0630							on loc. - Bulk tank
								RELEASED
								JUL 0 1 1992
								FROM CONFIDENTIAL
								Circulate Hole - Rig Pump
1	0654	8	20	1		0-500		Pump 2% Cl ₂ -F ₂ -I water
2		8	12	1		500		" Mud Flush
3		5-6	14.71	1		0-300		Mud Cont.
4-5								shot down - wash up - Drop Top Plug
6		8-10	27.43	2		0-850		Start Displacement
		3		1		250		slow rate
7	0713	1/2		1		1350		Plug Down - Pressure to 1500 psi.
8						1350		Hold 2 min.
9	0715							0 Release - psi.
9	0715							0 Rig Down
10	0725							0 End of Job

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