

ORIGINAL

RECEIVED STATE CORPORATION COMMISSION

MAR 1 1991

RELEASED

CONFIDENTIAL 2-6-92 P 1992

SIDE ONE CONSERVATION DIVISION Wichita, Kansas

FROM CONFIDENTIAL

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

Wichita, Kansas No. 15- 023-20,292 -06-00

County CHEYENNE

NW SW SE Sec. 34 Twp. 2 Rge. 42 XX East West

990 Ft. North from Southeast Corner of Section

2310 Ft. West from Southeast Corner of Section (NOTE: Locate well in section plat below.)

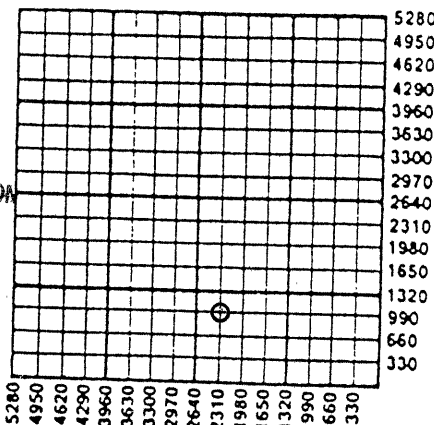
Lease Name Clara Z 321 Well # 34-15-1

Field Name Wildcat

Producing Formation Niobrara

Elevation: Ground 3730' KB 3735'

Total Depth 1812' PBTD 1693'



01-E

Amount of Surface Pipe Set and Cemented at 342 Feet

Multiple Stage Cementing Collar Used? 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 OWO: old well info as follows:

Operator:

Well Name:

Comp. Date Old Total Depth

Drilling Method:

X Mud Rotary Air Rotary Cable

12-11-90 12-13-90 01-09-91

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 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.

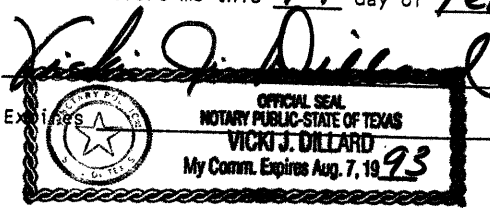
Signature Stan Venable

Title Staff Operations Engineer Date 01-17-91

Subscribed and sworn to before me this 19 day of February, 19 91.

Notary Public

Date Commission Expires



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

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SIDE TWO

Operator Name Hillin-Simon Oil Company Lease Name Clara Z 321 Well # 34-15-1
Sec. 34 Twp. 2S Rge. 42
East
West

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.)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run (Submit Copy.)

Formation Description
Log Sample
Name Top Bottom
Niobrara (Beecher Island Zone) 1595' 1631'

CASING RECORD
New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: 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. Rows include Surface and Production data.

PERFORATION RECORD
Shots Per Foot
Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record
(Amount and Kind of Material Used)
Depth

Table for Perforation Record with columns for Shots Per Foot and material used (e.g., 32,000 gal 25# gelled water & 94,000 lb sand & 60 tons CO2).

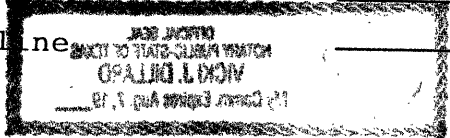
TUBING RECORD
N/A
Size Set At Packer At Liner Run

Date of First Production
Producing Method
SI WOPL
Flowing Pumping Gas Lift Other (Explain)

Table for Estimated Production Per 24 Hours with columns for Oil, Gas, Water, Gas-Oil Ratio, Gravity.

Disposition of Gas:
METHOD OF COMPLETION
Production Interval

Well is presently SI, waiting on pipeline





HALLIBURTON SERVICES
Duncan, Oklahoma 73528

A Division of Halliburton Company

WORK ORDER CONTRACT

AND PRE-TREATMENT DATA

RELEASED

FORM 1908 R-7

ATTACH TO INVOICE & TICKET NO.

949572

DISTRICT Brighton

DATE 12/13/90

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICE TO DELIVER AND OPERATE

JAN 20 1991

Holloway Brown O. L. Co.
(CUSTOMER)

THE SAME AS AN INDEPENDENT CONTRACTOR TO: AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

CONFIDENTIAL

WELL NO. 34-15-1 LEASE L'ANNA Z 3-21 SEC. 34 TWP. 2 RANGE 42

FIELD _____ COUNTY Cheyenne STATE Wyo. OWNED BY SAME

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

PACKER: TYPE _____ SET AT _____

TOTAL DEPTH 1812' MUD WEIGHT _____

BORE HOLE _____

INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	<u>u</u>	<u>10.5</u>	<u>4 1/2"</u>	<u>K.B.</u>	<u>1735</u>	<u>1500</u>
LINER						
TUBING						
OPEN HOLE			<u>6 1/4"</u>	<u>K.B.</u>	<u>1812</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED _____

cont. 4 1/2" casing job with 70 SKS program with 23 CC. A. 23 MAWD 344

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
- b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:
 - Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 - Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 - Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

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STATE CORPORATION COMMISSION
FEB 4 1991
CONSERVATION DIVISION
Wichita, Kansas

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

- c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
- d) That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
- e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
- g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- h) That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED [Signature] CUSTOMER

DATE 12/13/90

TIME 2:00 A.M. P.M.

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

CUSTOMER

HALLIBURTON SERVICES
JOB LOG

WELL NO. 34-15-1 LEASE CLARA 2 3-21 TICKET NO. 989572

CUSTOMER H. H. - Simon O. I. Co. PAGE NO. 1

JOB TYPE ORIGINAL Longstring DATE 12/13 1990

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1430							called out an hoc. set up Hoss Ready
	2030							
	2355	8	20	1		400		Pump CLA-Fix water
		8	12	1		400		" Mud Flash
		6-7	14.34	1		200		Mix Cont. shut down - wash up - Drop Plug
		8-10		2		150		Start Disp.
		3-4		1		400		Slow rate
1018	1/2			1		1500		Plug Down - Pressure to 1500 psi. Hold 2 min.
0020								Release psi. (Float Held)

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CONSERVATION DIVISION
Wichita, Kansas

Rig Down
End of Job

← Thinker Sub
filled down
down

JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

Devon
Steering

RELEASED
BILLED ON 9/1/85
TICKET NO. 989572

ORIGINAL

WELL DATA

FIELD _____ SEC. *34* TWP. *22* RNG. *142W* COUNTY *Cheyenne* STATE *WY*

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

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 *1812'*

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<i>U</i>	<i>10.5</i>	<i>4 1/2"</i>	<i>R.O.</i>	<i>9935</i>	<i>1500</i>
LINER						
TUBING						
OPEN HOLE			<i>16 1/4"</i>	<i>R.O.</i>	<i>1812</i>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

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JOB DATA

TOOLS AND ACCESSORIES		TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR	<i>Latch Down</i>	<i>4 1/2"</i>	<i>1EA.</i>	<i>Hoss</i>
FLOAT SHOE	<i>S.S. F.S. II</i>	<i>1"</i>	<i>1</i>	<i>"</i>
GUIDE SHOE				
CENTRALIZERS	<i>S-4</i>	<i>6"</i>	<i>1</i>	<i>"</i>
BOTTOM PLUG				
TOP PLUG	<i>3-w Latch Down</i>	<i>1"</i>	<i>1</i>	<i>"</i>
HEAD	<i>4 manifold</i>	<i>1"</i>	<i>1</i>	<i>"</i>
PACKER	<i>Mad Flush</i>	<i>500 gal.</i>	<i>1</i>	<i>"</i>
OTHER	<i>Cl-M-Fix II</i>	<i>1"</i>	<i>1</i>	<i>"</i>

CALLER	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <i>12/13</i>	DATE <i>12/13</i>	DATE <i>12/13</i>	DATE <i>12/13</i>
TIME <i>1430</i>	TIME <i>2030</i>	TIME <i>2355</i>	TIME <i>0000</i>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<i>J. E. Voderberg</i>	<i>3987B</i>	<i>Steering</i>
<i>G. Jones</i>	<i>6426A</i>	<i>"</i>
<i>Comox</i>	<i>B4060</i>	<i>Brighton</i>

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FEB 4 1991

CONSERVATION DIVISION

Wichita, Kansas

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE **X** *W.D. Riche*

HALLIBURTON OPERATOR *J. E. Voderberg* COPIES REQUESTED *1*

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<i>A</i>	<i>70</i>	<i>Premium</i>	<i>B</i>	<i>2% CACH₂, 2% Bulmat-394</i>		<i>1.15</i>	<i>15.8</i>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL-GAL. *20* TYPE *Cl-M-Fix II*

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL-GAL. *12 - M.F.* PAD: BBL-GAL. _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL-GAL. _____ DISPL: BBL-GAL. *27.5*

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL-GAL. *14.34*

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____ REMARKS *Float Held R*

AVERAGE RATES IN BPM _____ *see Job log*

TREATING *6-7* DISPL. *8-10* OVERALL *8*

CEMENT LEFT IN PIPE _____

FEET *36.30* REASON *shoe joint*

CUSTOMER *W.D. Riche*
LEASE *Cl-M-Fix II*
WELL NO. *23-21*
JOB TYPE *Conservation*
DATE *12/13/85*