

FORM MUST BE TYPED

ORIGINAL

SIDE ONE

CONFIDENTIAL

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

Operator: License # 31300
Name: Centrex Operating Company
Address: P.O. Box 52058
Tulsa, OK 74152-0058
City/State/Zip
Purchaser: None
Operator Contact Person: J. Duston Smith
Phone (918) 599-8128
Contractor: Name: Duke Drilling Co., Inc.
License: 5929
Wellsite Geologist: Kevin Davis
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIDW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

03-28-94 04-03-94
Spud Date Date Reached TD Completion Date

API NO. 15- 009-24,574 - 0500
County Barton
NE- SE- _____ Sec. 3 Twp. 16 Rge. 11 W
1980 Feet from N (circle one) Line of Section
660 Feet from W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Chase Well # 1-3
Field Name _____
Producing Formation None
Elevation: Ground 1875 KB 1884
Total Depth 3452' PBTB _____
Amount of Surface Pipe Set and Cemented at 403 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cat.

Drilling Fluid Management Plan D & A JH 9-14-94
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled off site _____
Operator Name _____ MAY 24 1995
Lease Name _____ License No. _____
Quarter Sec. 5 Twp. 16 Rge. 11 W
County _____ Docket No. _____

RELEASED

FROM CONFIDENTIAL

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 President Date 04-26-94
Subscribed and sworn to before me this 26th day of April
19 94
Notary Public [Signature]
Date Commission Expires 1-8-97

RECEIVED
STATE CORPORATION COMMISSION
K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep
 KGS Plug
Wichita, Kansas
MAY 09 1994
5-9-94
Wichita, Kansas
Other (Specify)
p1

Operator Name Centrex Operating Company

SIDE TWO
Lease Name Chase Well # 1-3

Sec. 3 Twp. 16 Rge. 11
 East
 West

County Barton

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.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	711'	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	2612	
List All E.Logs Run:	Micro-Resistivity	Heebner	2906	
	Density	Toronto	2924	
	Induction	Brown Lime	2998	
		Lansing	3015	
		Base Kansas City	3253	
		Arbuckle	3353	

CASING RECORD <input checked="" 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"	24#	403'	50/50 poz	180	2% gel 3% dc.

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives	
Perforate					
Protect Casing					
Plug Back To					
Plug Off Zone					

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.			Producing Method			
D & A			<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> 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. Cosmingle Other (Specify) _____

Production Interval _____



WESTERN TESTING CO., INC.
FORMATION TESTING

ORIGINAL

TICKET NO 20225

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 1314 K.G. Formation Formation 1/11 Eff. Pay Fr.
API # 15-009-24574

District GRANT BLVD Date 4-2-94 Customer Order No.

COMPANY NAME CENTRIX OPERATING CO **CONFIDENTIAL**

ADDRESS P.O. BOX 5205 TULSA OK 74112

LEASE AND WELL NO. CHASE 1-3 COUNTY BARTON STATE KS Sec. 3 Twp. 14S Rge. 11W

Mail Invoice To SMIC No. Copies Requested KCG
Co. Name Address

Mail Charts To No. Copies Requested
Address

Formation Test No. 1 Interval Tested From 3296 ft. to 3353 ft. Total Depth 3353 ft.
Packer Depth 3291 ft. Size 6 7/8 in. Packer Depth ft. Size in.
Packer Depth 3296 ft. Size 6 7/8 in. Packer Depth ft. Size in.

Depth of Selective Zone Set
Top Recorder Depth (Inside) 3299 ft. Recorder Number 11013 Cap. 442 P.I.
Bottom Recorder Depth (Outside) 3353 ft. Recorder Number 13624 Cap. 442 P.I.
Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor DUKE DRILLING R169 Drill Collar Length 0 I. D. in.
Mud Type CHEMICAL Viscosity 44 Weight Pipe Length 0 I. D. in.
Weight 9.4 Water Loss 11.2 cc. Drill Pipe Length 3270 I. D. 3.8 in.
Chlorides 7000 P.P.M. Test Tool Length 26 ft. Tool Size 5 1/2 in.
Jars: Make WESTERN Serial Number 12364 Anchor Length 62 ft. Size 5 1/2 in.
Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 1/8 in. Tool Joint Size 4 1/2 X H in.

Blow: 1st FLOW: WEAK BLOW DEAD IN 10 MINUTES
2ND FLOW: NO BLOW

Recovered 10 ft. of OIL SPACK INVD (FREE OIL IN TOOL)
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Chlorides P.P.M. Sample Jars used Remarks:

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Time On Location 3:00 A.M. Time Pick Up Tool 4:15 A.M. Time Off Location 8:30 A.M.
Time Set Packer(s) 5:30 A.M. Time Started Off Bottom 6:30 A.M. Maximum Temperature 102
Initial Hydrostatic Pressure (A) 1691 P.S.I.
Initial Flow Period Minutes 15 (B) 44 P.S.I. to (C) 44 P.S.I.
Initial Closed In Period Minutes 15 (D) 56 P.S.I.
Final Flow Period Minutes 15 (E) 46 P.S.I. to (F) 46 P.S.I.
Final Closed In Period Minutes 15 (G) 50 P.S.I.
Final Hydrostatic Pressure (H) 1668 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature]
Signature of Customer or his authorized representative

Western Representative

FIELD INVOICE

Open Hole Test \$ ✓
Misrun \$
Straddle Test \$
Jars \$ ✓
Selective Zone \$
Safety Joint \$ ✓
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$

RECEIVED
STATE CORPORATION COMMISSION
MAY 09 1994
CONSERVATION DIVISION
Wichita, Kansas



WESTERN TESTING CO., INC.
FORMATION TESTING

ORIGINAL
TICKET No 19803

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 1324 K.B Formation ANNECKLE Eff. Pay Ft.

District GREAT BLIND Date 4-2-94 Customer Order No.

COMPANY NAME CENTRE X OPERATIONS CO

CONFIDENTIAL

ADDRESS PO Box 52055 TULSA OK 74112

LEASE AND WELL NO. CHASE 1-3 COUNTY BARTON STATE KS Sec. 3 Twp. 16 Rge. 11W

Mail Invoice To Co. Name SAME Address No. Copies Requested 1

Mail Charts To Address No. Copies Requested 1

Formation Test No. 2 Interval Tested From 3292 ft. to 3366 ft. Total Depth 3366 ft.

Packer Depth 3292 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 3292 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3301 ft. Recorder Number 11012 Cap. 442 P.I.

Bottom Recorder Depth (Outside) 3363 ft. Recorder Number 13629 Cap. 442 P.I.

Flow Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor DUKE DRILLING R164 Drill Collar Length 0 I. D. - in.

Mud Type CHEMICAL Viscosity 57 Weight Pipe Length 0 I. D. - in.

Weight 9.5 Water Loss 112 cc. Drill Pipe Length 3272 I. D. 2.2 in.

Chlorides 7000 P.P.M. Test Tool Length 26 ft. Tool Size 5/8 in.

Wells: Make WESTERN Serial Number 12369 Anchor Length 68 ft. Size 5/8 in.

Flow Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7/8 in. Tool Joint Size 4 1/4 in.

Flow: 1ST FLOW: WEAK BLOW DEAD IN 14 MINUTES.

2ND FLOW: NO BLOW

Recovered 15 ft. of OIL SPECTED IN HP

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Chlorides P.P.M. Sample Jars used Remarks:

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MAY 2 4 1995

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Time On Location 12:00 P.M. Time Pick Up Tool 1:00 P.M. Time Off Location 5:00 P.M.

Time Set Packer(s) 2:00 P.M. Time Started Off Bottom 3:00 P.M. Maximum Temperature 102°

Initial Hydrostatic Pressure (A) 1630 P.S.I.

Initial Flow Period Minutes 15 (B) 24 P.S.I. to (C) 24 P.S.I.

Initial Closed In Period Minutes 15 (D) 100 P.S.I.

Final Flow Period Minutes 15 (E) 20 P.S.I. to (F) 30 P.S.I.

Final Closed In Period Minutes 15 (G) 162 P.S.I.

Final Hydrostatic Pressure (H) 1612 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Signature of Customer or his authorized representative

Western Representative

FIELD INVOICE

Open Hole Test \$ V
Misrun \$
Straddle Test \$
Jars \$ V
Selective Zone \$ STATE CORPORATION COM
Safety Joint \$ V
Standby \$ MAY 09 1994
Evaluation \$
Extra Packer \$
Circ. Sub. \$ CONSERVATION DIVISION
Mileage \$ Wichita, Kansas
Fluid Sampler \$
Extra Charts \$

CONFIDENTIAL

TICKET CONTINUATION

CUSTOMER COPY

TICKET No. **4-2-94**
 RECEIVED CORPORATION COM
 MAY 15 1994
 OPERATIONS DIVISION
 Kansas

FORM 1911 R-10

CUSTOMER **Cnetrex Operating**

WELL **Chase #1-3**

DATE **4-2-94** PAGE **2**
 UNIT PRICE RATE AMOUNT

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	RATE	AMOUNT
		LOC	ACCT	DF								
504-136		1		B	40/60 Pozmix Standard	175				5 ³ 68		994 00
506-121		1		B	3sk Halliburton Gel@2%							n/
507-277		1		B	Halliburton Gel@4%	6				15 50		93 00
500-207		1		B	SERVICE CHARGE					1 35		252 45
500-306		1		B	MILEAGE CHARGE					95		206 55
					TOTAL WEIGHT							
					15,530							
					LOADED MILES							
					28							
					TON MILES							
					217.420							

ORIGINAL

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 MAY 24 1995
 FROM CONFIDENTIAL

No. B 232785

CONTINUATION TOTAL **1,546.00**