

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

Operator: License # 3555
Name Glen S. Soderstrom
Address 8700 Stemmons Freeway
Suite 311
City/State/Zip Dallas, TX 75247

Purchaser N/A

Operator Contact Person Glen S. Soderstrom
Phone (214) 634-0425

Contractor: License # 8682
Name Golden Eagle Drilling Co.

Wellsite Geologist Roger Welty
Phone (913) 674-5835

Designate Type of Completion
New Well Re-Entry Workover
Oil SWD Temp. ~~Prod.~~
Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If **OWWO**: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
7/21/88 7/28/88 7-28-88
Spud Date Date Reached TD Completion Date
4300'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 304 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt
Cement Company Name Allied Cementing Co., Inc.
Invoice # 52097
ATI O&G

API NO. 15-153-20-721-00-00
County Rawlins
C SW NE 34 1S 33 East
Sec. Twp. Rge. XX West

3300 Ft North from Southeast Corner of Section
1980 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

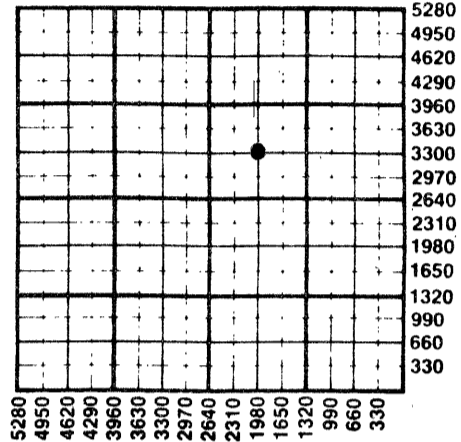
Lease Name Wolters Well # 1

Field Name Wildcat

Producing Formation

Elevation: Ground 3061 KB 3068

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit # N/A

Groundwater Ft North from Southeast Corner
(Well) Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain) Purchased from Elmer Hoff.
(purchased from city, R.W.D. #)

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. 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 Operator Date 8/4/88

Subscribed and sworn to before me this 4th day of August 1988

Notary Public [Signature]

Date Commission Expires April 10, 1989



LOU D. CRABTREE
Notary Public, State of Texas
My Commission Expires 4-10-89

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
8-8-88

Section 1, Twp. 1, Rge. 33W

Operator Name Glen S. Soderstrom Lease Name Walters Well # 1

Sec. 34 Twp. 1S Rge. 33 East West County Rawlins

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1- 4038-4088 (B zone) Tool open w/strong blo throughout both flows. Recovered 10' sli. oil-cut mud, 120' watery mud, 120' muddy water, 300' salt water (Chl 80,000 ppm, Chl mud sys:800) IHP 2065 psi. FHP 2055 psi. ISIP 1212 psi/60 min. FSIP 1193 psi/60 min. IFP 28-143 psi(30 min). FFP 171-238 psi (45 min) BHT 122°F.

DST #2 - 4090-4135 (C zone) Tool open w/wk. blo. SI 30 min, reopened 30 min, w/wk blo. Recovered 15' heavily oil-cut mud. IFP 18-18 psi/30 min, FFP 28-28 psi/30 min. ISIP 944 psi/30 min. FSIP 910 in 30 min. BHT 122°F.

DST #3 - 4135-4225 (D & E zones) Tool opened with weak to fair blow. Rec. 120' watery mud w/oil specks, 120' muddy water (chl 40,000). IHP:2180 psi. FHP: 2180 psi. IFP:19-57 psi. FFP:76-104 psi. ISIP:1088 psi/60 min. FSIP:1088 psi/90 min. BHT 124°F.

Name	Top	Bottom
Dakota	1840'	
Blaine	2670'	
Anhydrite	2881'	
Topeka	3868'	
Oread	3965'	
Lansing	4021'	
Kansas City	4270'	
(Base)		

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	20#	304	60/40 Poz	200	2% gel, 3% cc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size	Set At	Packer at					
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled

CHENEY TESTING COMPANY, INC.

P. O. Box 367

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company <u>Glen S. Soderstrom</u>	Test No. <u>1</u>
Well Name & Number <u>Wolter #1</u>	Zone Tested <u>K.C. 'B'</u>
Company Address <u>8700 Stemmons, Suite 311, Dallas, Tex 75247</u>	Date <u>7-25-88</u>
Company Rep. <u>Roger Welty - Glen Soderstrom</u>	Tester <u>Gary Hartwell</u>
Contractor <u>Golden Eagle Drlg. Co.</u>	Elevation <u>3068 K.B.</u>
Location: Sec. 34 Twp. 1S Rge. 33W Co. Rawlins State Nebr.	Est. Feet of Pay

Recorder No. 11020 Type AK-1 Range 3900 PSI

Recorder No. 13363 Type AK-1 Range 3800 PSI

Recorder Depth 4050 Clock # 23859

Recorder Depth 4053 Clock # 25561

(A) Initial Hydrostatic Mud 2065 PSI

Tool Open Before I.S.I. 30 Mins.

(B) First Initial Flow Pressure 28 PSI

Initial Shut-in 60 Mins.

(C) First Final Flow Pressure 143 PSI

Flow Period 45 Mins.

(D) Initial Shut-in Pressure 1212 PSI

Final Shut-in 60 Mins.

(E) Second Initial Flow Pressure 171 PSI

Top Choke Size 1" Hole Size 7 7/8"

(F) Second Final Flow Pressure 238 PSI

Bottom Choke Size 3/4" Rubber Size 6 3/4"

(G) Final Shut-in Pressure 1193 PSI

Tool Open @ 11:37 P.M.

(H) Final Hydrostatic Mud 2055 PSI

Blow Remarks Fair Building blow 9" 1st open.

Temperature 122°

10" blow 2nd open

Mud Weight 9.4 Viscosity 46

Fluid Loss 8.8 c.c.

Interval Tested 4038-4088

Anchor Length 50'

Top Packer Depth 4033

Bottom Packer Depth 4038

Total Depth 4088

Drill Pipe Size 4 1/2 EX.H.

Wt. Pipe I. D. Collars 2.25 Ft. Run 343

Recovery-Total Feet 550

Recovered 10 Feet Of Mud w/oil scum on top

Recovered 120 Feet Of W.M.

Recovered 120 Feet Of M.W.

Recovered 300 Feet Of Water

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Extra Equipment Bowen Jars and Safety Joint

RECEIVED
 STATE CORPORATION COMMISSION
AUG - 8 1988
 CONSERVATION DIVISION
 Wichita, Kansas

Price of Job _____

CHENEY TESTING COMPANY, INC.

P. O. Box 367 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company <u>Glen S. Soderstrom</u>	Test No. <u>2</u>
Well Name & Number <u>Wolter #1</u>	Zone Tested <u>Kansas City "C"</u>
Company Address <u>8700 Stemmons, Suite 311, Dallas, Tex ⁷⁵²⁴⁷</u>	Date <u>7-26-88</u>
Company Rep. <u>Roger Welty - Glen Soderstrom</u>	Tester <u>Gary Hartwell</u>
Contractor <u>Golden Eagle Drlg. Co.</u>	Elevation <u>3068 K.B.</u>
Location: Sec. 34 Twp. 1S Rge. 33W Co. Rawlins State Nebr.	Est. Feet of Pay

Recorder No. 11020 Type AK-1 Range 3900 PSI
 Recorder Depth 4129 Clock # 23859
 (A) Initial Hydrostatic Mud 2113 PSI
 (B) First Initial Flow Pressure 18 PSI
 (C) First Final Flow Pressure 18 PSI
 (D) Initial Shut-in Pressure 944 PSI
 (E) Second Initial Flow Pressure 28 PSI
 (F) Second Final Flow Pressure 28 PSI
 (G) Final Shut-in Pressure 916 PSI
 (H) Final Hydrostatic Mud 2113 PSI
 Temperature 122°
 Mud Weight 9.1 Viscosity 49
 Fluid Loss 8.2
 Interval Tested 4090-4135
 Anchor Length 45
 Top Packer Depth 4085
 Bottom Packer Depth 4090
 Total Depth 4135
 Drill Pipe Size 4 1/2" X.H.
 Wt. Pipe I. D. Collars 2.25 Ft. Run 374
 Recovery-Total Feet 15

Recorder No. 13363 Type AK-1 Range 3800 PSI
 Recorder Depth 4132 Clock # 25561
 Tool Open Before I.S.I. 30 Mins.
 Initial Shut-in 30 Mins.
 Flow Period 30 Mins.
 Final Shut-in 30 Mins.
 Top Choke Size 1" Hole Size 7 7/8"
 Bottom Choke Size 3/4" Rubber Size 6 3/4"
 Tool Open @ 4:25 P.M.
 Blow Remarks 1st Open: Weak 1/4" blow died 25 min.
2nd Open: No Blow.

RECEIVED
 STATE CORPORATION COMMISSION

AUG - 8 1988

CONSERVATION DIVISION
 Wichita, Kansas

Recovered 15 Feet Of Oil-Cut Mud. (15% Oil, 85% Mud)
 Recovered _____ Feet Of _____
 Recovered _____ Feet Of _____
 Recovered _____ Feet Of _____
 Recovered _____ Feet Of _____
 Recovered _____ Feet Of _____
 Extra Equipment Bowen Jars and Safety Joint Price of Job _____

CHENEY TESTING COMPANY, INC.

P. O. Box 367

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company <u>Glen S. Soderstrom</u>	Test No. <u>3</u>
Well Name & Number <u>Wolter #1</u>	Zone Tested <u>Kansas City "D & E"</u>
Company Address <u>8700 Stemmons, Suite 311, Dallas, Tex 75247</u>	Date <u>7-27-88</u>
Company Rep. <u>Roger Welty - Glen Soderstrom</u>	Tester <u>Gary Hartwell</u>
Contractor <u>Golden Eagle Drlg. Co.</u>	Elevation <u>3068 K.B.</u>
Location: Sec. 34 Twp. 1S Rge. 33W Co. Rawlins State Nebr.	Est. Feet of Pay _____

Recorder No. 11020 Type AK-1 Range 3900 PSI
 Recorder Depth 4154 Clock # 23859
 (A) Initial Hydrostatic Mud 2180 PSI
 (B) First Initial Flow Pressure 19 PSI
 (C) First Final Flow Pressure 57 PSI
 (D) Initial Shut-in Pressure 1088 PSI
 (E) Second Initial Flow Pressure 76 PSI
 (F) Second Final Flow Pressure 104 PSI
 (G) Final Shut-in Pressure 1088 PSI
 (H) Final Hydrostatic Mud 2180 PSI
 Temperature 124°
 Mud Weight 9.5 Viscosity 58
 Fluid Loss 8.4
 Interval Tested 4135-4225
 Anchor Length 90
 Top Packer Depth 4130
 Bottom Packer Depth 4135
 Total Depth 4225
 Drill Pipe Size 4½" X.H.
 Wt. Pipe I. D. Collars 2.25 Ft. Run 313
 Recovery-Total Feet 240

Recorder No. 13363 Type AK-1 Range 3800 PSI
 Recorder Depth 4157 Clock # 25561
 Tool Open Before I.S.I. 45 Mins.
 Initial Shut-in 60 Mins.
 Flow Period 60 Mins.
 Final Shut-in 90 Mins.
 Top Choke Size 1" Hole Size 7 7/8"
 Bottom Choke Size ¾" Rubber Size 6 ¾"
 Tool Open @ 11:57 A.M.

Blow Remarks 1st Open: Weak-building blow 2½"
2nd Open: Weak 2" Blow.

RECEIVED
 STATE CORPORATION COMMISSION

AUG - 8 1988

CONSERVATION DIVISION
 Wichita, Kansas

Recovered 120 Feet Of Watery Mud with Oil specks.
 Recovered 120 Feet Of Muddy Water.
 Recovered _____ Feet Of RW 0.15 @ 88° chl.: 40,000 P.P.M.
 Recovered _____ Feet Of Pit Mud 1,000
 Recovered _____ Feet Of _____
 Extra Equipment Bowen Jars and Safety Joint Price of Job _____