

18-21-11W

COPY

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

Operator: License # 5056
Name: F. G. Holl Company L.L.C.
Address 6427 E Kellogg
P.O. Box 780167
City/State/Zip Wichita, Ks 67278-0167

Purchaser: NCRA
Operator Contact Person: Elwyn H. Nagel
Phone (316) 684-8481

Contractor: Name: Sterling Drilling Company
License: 5142 **KCC**

Wellsite Geologist: Brent Reinhardt

Designate Type of Completion
 New Well Re-Entry
 Oil SWD S10W Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

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

Operator: RELEASD
Well Name: APR 22 1996 MAR 21 1994
Comp. Date 11/26/93 12/1/93 2/1/94
Spud Date 11/26/93 Date Reached TD 12/1/93 Completion Date 2/1/94

API NO. 15- 185-22,947
County Stafford
50' N. SE NE SW Sec. 18 Twp. 21 Rge. 11W
1700' FSL Feet from S/N (circle one) Line of Section
2970' FEL Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, **(SE)** NW or SW (circle one)
Lease Name RADER 'B' Well # 2-18
Field Name Sandago
Producing Formation Arbuckle
Elevation: Ground 1820 KB 1829
Total Depth 3640 PBDT 3608
Amount of Surface Pipe Set and Cemented at 279' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet

CONFIDENTIAL

RECEIVED

KANSAS CORPORATION COMMISSION

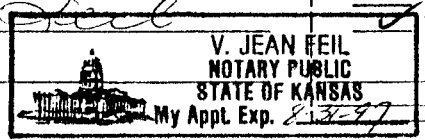
Drilling Fluid Management Plan ALT 1 JH 6-22-94
(Data must be collected from the Reserve Pit)
Chloride content 38,000 ppm Fluid volume 1,285 bbls
Dewatering method used Truck Hauling/Evaporation
Location of fluid disposal if hauled offsite:
Operator Name F. G. Holl Company L.L.C.
Lease Name RADER License No. 5056
NE Quarter Sec. 18 Twp. 21 S Rng. 11W E/W
County Stafford Docket No. D-26.046

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 Elwyn H. Nagel
Title Elwyn H. Nagel, Manager Date 3/21/94
Subscribed and sworn to before me this 21st day of March, 1994.
Notary Public V. Jean Feil
Date Commission Expires 8-31-97

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
KCC SWD/Rep HGPA
KGS Plug Other (Specify) FS



U11-10-81

SIDE TWO

Operator Name F. G. Holl Company L.L.C. Lease Name RADER 'B' Well # 2-18
 Sec. 18 Twp. 21 Rge. 11W East County Stafford
 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 Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)
 List All E.Logs Run: DIFL
 CN/CD
 MINILOG

Name	Top	Datum
HEEBNER	3052	-1223
BROWN LIME	3177	-1348
LANSING	3194	-1365
BKC	3416	-1587
SIMPSON SHALE	3442	-1613
SIMPSON SAND	3458	-1629
ARBUCKLE	3493	-1664
RTD & LTD	3640	-1811

SEE ATTACHED SHEETS FOR DRILL STEM TESTS

CASING RECORD <input 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#	279'	60/40 POZ	225	2%gel, 3%cc
PRODUCTION	7 7/8"	5 1/2"	14#	3625'	LITE	50	
					HOLL MIX	125	

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives	
<input type="checkbox"/> Perforate					
<input type="checkbox"/> Protect Casing					
<input type="checkbox"/> Plug Back TD					
<input type="checkbox"/> Plug Off Zone					

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 BSPF	3530 to 3536 Arbuckle		

TUBING RECORD Size 2 3/8" Set At 3557 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 2/1/94 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Hcf	Water Bbls.	Gas-Oil Ratio	Gravity
	62	-0-			

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval 3530-3536