

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

Address 6427 E. Kellogg

P.O. Box 780167

City/State/Zip Wichita, KS 67278-0167

Purchaser: Clear Creek

Operator Contact Person: Elwyn H. Nagel

Phone (316) 684-8481

Contractor: Name: Sterling Drilling Company

License: 5142

Wellsite Geologist: Bryce Bidleman

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☒ Oil ☐ SWD ☐ Temp. Abd.

☐ Gas ☐ Inj ☐ Delayed Comp.

☐ Dry ☐ Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

6/25/90 7/1/90 8/1/90

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 Elwyn H. Nagel

Title Elwyn H. Nagel, Manager Date 10/15/90

Subscribed and sworn to before me this 15th day of October, 1990.

Notary Public V. Jean Feil

Date Commission Expires _____

V. JEAN FEIL
NOTARY PUBLIC

API NO. 15- 185-22,670

County Stafford

FROM CONFIDENTIAL

SE NW SE Sec. 18 Twp. 21s Rge. 11w ☒ East West

1650 Ft. North from Southeast Corner of Section

1650 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name RADER Well # 3-18

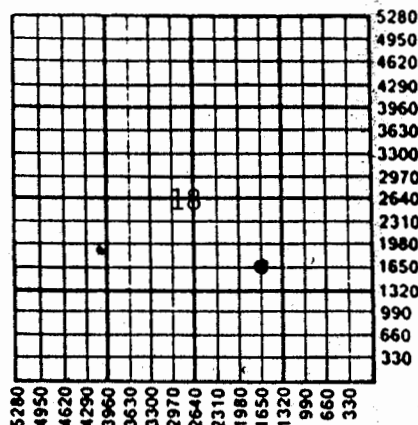
Field Name Sandago

Producing Formation Arbuckle

Elevation: Ground 1801 KB 1810

Total Depth 3635 PBTD 3535

RECEIVED
STATE CORPORATION COMMISSION
OCT 9 9 1990



Amount of Surface Pipe Set and Cemented at 274 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 cmt.

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) IS

Operator Name F. G. Holl Company Lease Name RADER Well # 3-18
 Sec. 18 Twp. 21s Rge. 11w ☐ East ☒ West County Stafford

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
Anhydrite Top	565 (+1245)	Lansing 3180 (-1370)
Anhydrite Base	583 (+1227)	BKC 3396 (-1586)
Howard	2652 (- 842)	Marmaton 3399 (-1589)
Topeka	2748 (- 938)	Conglomer. 3420 (-1610)
Heebner	3034 (-1224)	Simpson SH 3434 (- 74)
Toronto	3054 (-1244)	Simpson SD 3446 (-1036)
Douglas	3036 (-1226)	Arbuckle 3479 (-1669)
Brown Lime	3163 (-1353)	RTD 3635 (-1825)
		LTD 3635 (-1825)

DST #1 (3183-3266) LANS "A"-"F"

1) NB, Flush, 5 1/2" Blow

2) Wk - Fair 5" Blow

REC: 60' SOSpkM

120' Thin M w/TO

120' WtyMud w/TO

300' Total Fluid

IHP: 1589 IFP: 99-101:30" ISIP: 847:60"

FHP: 1599 FFP: 162-183:60" FSIP: 752:90"

BHT: 108F

☒ 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	12 1/4"	8 5/8" (N)	23#	274'	60/40 POZ	225	2%Gel, 3%CC
Production	7 7/8"	5 1/2" (N)	14#	3627'	Lite	50	Gilsonite
						125	

PERFORATION RECORD			Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
4SPF	3542-3546 (Arbuckle)		SWB: Wtr, REPERF, SWB: Wtr	3546'
4SPF	3505-3525 (Arbuckle)		SWB: 12BBLS/HR, all Oil	3535'

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	3523'	None	☐ Yes ☒ No
Date of First Production		Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)			
8/1/90					
Estimated Production Per 24 Hours		Oil 44 Bbls.	Gas 0 Mcf	Water 0 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

3505-3525
 (Arbuckle)

TIGHT HOLE!!