

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 # ..5056... name ..F.G..Holl... address 6427.E..Kellogg... Wichita, Ks. 67207... City/State/Zip .....

Operator Contact Person ..W.J., Jerry Monk... Phone ..(316)..684-8481.....

Contractor: license # ..5142... name ..Sterling Drilling Co.....

Wellsite Geologist ..Don Solze... Phone ... (316) .684-5809.....

Designate Type of Completion [X] New Well [ ] Re-Entry [ ] Workover

[ ] Oil [ ] SWD [ ] Temp Abd [X] 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: [X] Mud Rotary [ ] Air Rotary [ ] Cable 6-23-84 6-26-84 11-30-84 Spud Date Date Reached TD Completion Date

Total Depth ..2830'.. PBTD .. 257 ..

Amount of Surface Pipe Set and Cemented at .. feet

Multiple Stage Cementing Collar Used? [ ] Yes [X] No

If Yes, Show Depth Set .. feet

If alternate 2 completion, cement circulated from .. feet depth to .. w/ .. SX cmt

API NO. 15-151-21,426-00-00

County ..Pratt.....

App. NE SW Sec33 Twp 29 Rge 11W West

..2010... Ft North from Southeast Corner of Section ..3330... Ft West from Southeast Corner of Section (Note: locate well in section plat below)

Rolf 2-33

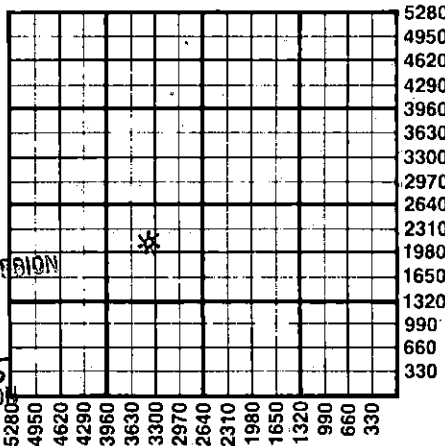
Lease Name ..Harding, West Well# ..

Field Name ..

Producing Formation ..Indian Cave Ss, ..

Elevation: Ground ..1840' .. KB ..1849' ..

Section Plat



RECEIVED STATE CORPORATION COMMISSION FEB 6 1985 02-07-85 CONSERVATION DIVISION Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water: Division of Water Resources Permit # ..

[ ] Groundwater .. Ft North From Southeast Corner and (Well) .. Ft. West From Southeast Corner of Sec Twp Rge [ ] East [ ] West

[ ] Surface Water .. Ft North From Southeast Corner and (Stream, Pond etc.) .. Ft West From Southeast Corner Sec Twp Rge [ ] East [ ] West

[ ] Other (explain) .. (purchased from city, R.W.D.#)

Disposition of Produced Water: [ ] Disposal [ ] Repressuring

Docket # ..

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 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 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 Wilfred J. Monk Geologist Date 2-1-85

Subscribed and sworn to before me on this day of February 19 85 Sedgwick County, Kansas Notary Public My Appt. Exp. 02/28/85 Date Commission Expires ..

K.C.C. OFFICE USE ONLY F [ ] Letter of Confidentiality Attached C [X] Wireline Log Received C [ ] Drillers Timelog Received Distribution [X] KCC [ ] SWD/Rep [ ] NGPA [X] KGS [ ] Plug [ ] Other (Specify)

Sec 33 Twp 29 Rge 11W

SIDE TWO

Operator Name F.G. Holl Lease Name Rolf Well# 2-33 SEC 33 TWP 29 RGE 11W  East  West

**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 Indian Cave  
 GTS in 18": Gauged 442 MCFPD  
 rcd: 180' mud  
 IFP: 115#-128#; 30"  
 ISIP: 621# ; 30"  
 FFP: 126#-126#; 60"  
 FSIP: 617# ; 33"  
 IHP: 1523# FHP: 1422#

Name	Top	Bottom
Herrington	1960	
Base Florence	2231	
Red Eagle	2628	
Indian Cave	2735	
Indian Cave Ss	2762	
Wabaunsee	2796	
RTD	2830	
LTD	2829	

FO-60

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 3/4"	8 5/8"	23#	257KB	common	200	2% gel, 3% cc.
Production	7 7/8"	4 1/2"	10.5#	2828KB	lite. Poz	100	reg.

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
2	2773-2777	frac. w/ 120,000 SCF Nitrogen, 25 sacks	
2	2763-2770	20/40 sand, 250 lbs KCL	
2	2745-2751		

TUBING RECORD		Liner Run	
size	packer at	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
2 3/8"	set at 2688, 39		

Date of First Production Shut In	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)			
	Oil	Gas	Water	Gas-Oil Ratio
Estimated Production Per 24 Hours	Bbls	Shut-in MCF	Bbls	CFPB

Disposition of gas:  vented  sold to be sold  used on lease

METHOD OF COMPLETION:  open hole  perforation  other (specify)

PRODUCTION INTERVAL: 2745-2751, 2763-2770, 2773-2777

Dually Completed.  Commingled