

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 Company
Address 6427 E Kellogg
City/State/Zip Wichita, Kansas, 67207

Purchaser Permian

Operator Contact Person Elywn H. Nagel
Phone 316-684-8481

Contractor: License # 5142
Name Sterling Drilling Co.

Wellsite Geologist Frank Greenbaum
Phone 316-684-8481

Designate Type of Completion
 New Well Re-Entry Workover

Oil Gas Dry
 SWD Inj Other (Core, Water Supply, etc.)
 Temp Abd Delayed Completion

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
7-1-89 7-11-89 7-25-89
Spud Date Date Reached TD Completion Date
4790 4725
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 290 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
Invoice #

API NO. 15-151 21 937-00-00
County Pratt
150 SW of
C SE SE Sec 32 Twp 29 Rge 13 X West

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

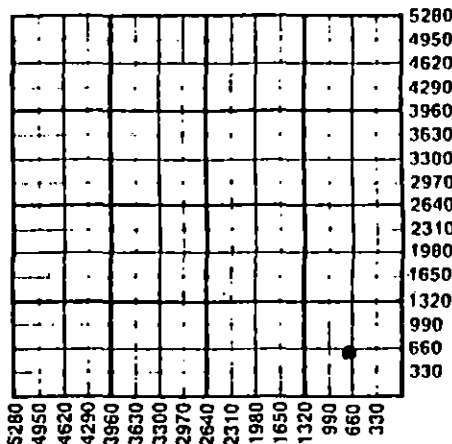
Lease Name Palmquist Well # 3-32

Field Name Jem

Producing Formation Viola

Elevation: Ground 1926 KB 1935

Section Plat



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JUN 2 1989

0627-90

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # none Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

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 city, R.W.D. #)

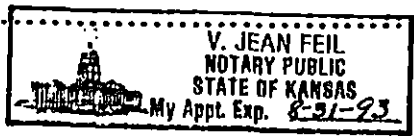
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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 Elywn H. Nagel
Title Elywn H. Nagel, Manager Date 9/25/89

Subscribed and sworn to before me this 25th day of September 1989
Notary Public [Signature]

Date Commission Expires



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

Sec. Twp. Rge.

Operator Name F. G. Holl Company Lease Name Palmer #3-32 Well #.....

Sec. 32 Twp. 29 Rge. 13 East West County Pratt

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

Name	Top	Bottom
Heebner	3805	(-1870)
Brown Lime	3991	(-2056)
Lansing	4009	(-2074)
Base K.C.	4402	(-2467)
Mississippi	4523	(-2588)
Viola Chert	4608	(-2673)
Base Viola Chert	4640	(-2705)

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		10 3/4"		290KB	60/40 Poz	225	2% gel, 3% cc
Production		4 1/2"	10.5#	4780KB	Lite	100	
					50/50 Poz	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	
2 SPF	4604 to 4636 Viola			1000 gal. of 15% DSFE			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
7-21-89		<input type="checkbox"/> Flowing <input checked="" 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	
130		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 4604 to 4636
 Used on Lease Dually Completed Commingled

F. G. HOLL COMPANY

6427 EAST KELLOGG - P.O. BOX 780167
WICHITA, KS 67278-0167

PALMQUIST #3-32

- DST #1: 4385 to 4435' Marmaton
30-45-30-60
IFP 95/118:30 ISIP 583:45 FFP 123/166:30 FSIP 571:60
IHP 2229 FHP 2195
BHT 118°
2530' gas in pipe, 430' slightly mud cut gas & oil.
- DST #2: 4434 to 4545' Miss.
15-60-90-120
IFP 412/383:15 ISIP 1383:60 FFP 728/1058:90 FSIP 1381:120
IHP 2248 FHP 2176
BHT 118°
4360' slightly mud cut gassy oil,
GTS 7 minutes
1st open
10 min. 127MCF
15 " 108 "
2nd open
10 min. 98.4MCF
20 " 60.2 "
30 " 51.4 "
40 " 31.6 "
50 " 17.4 "
60 " 15.5 "
70 " 13.9 "
80 " 11.3 "
90 " 10.7 "
- DST #3: 4600 to 4645 Viola
30-60-60-90
IFP 476/611:30 ISIP 1492:60 FFP 761/1147:60 FSIP 1498:90
IHP 2291 FHP 2283
BHT 118°
4500 Clean gassy oil
GTS 6 minutes
1st open
5 min. 130MCF
10 " 89.8 "
20 " 49.1 "
30 " 40.0 "
2nd open
10 min. 22.5MCF
20 " 18.8 "
30 " 15.9 "
40 " 16.7 "
- DST #4: 4645 to 4656 Simpson
30-60-60-60
IFP 50/75:30 ISIP 644:60 FFP 137/139:60 FSIP 641:60
IHP 2273 FHP 2283
BHT 121°
380' slightly gas cut muddy water.
GTS 52 minutes
TSTM

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Wichita, Kansas