

SIDE ONE

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

API NO. 15- 047-21,380-0000

County Edwards

NW SW NW Sec. 16 Twp. 24s Rge. 17w East West

3630 Ft. North from Southeast Corner of Section

4950 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name ROLLINS Well # 1-16

Field Name Wayne NW

Producing Formation Mississippi

Elevation: Ground 2111' KB 2120'

Total Depth 4530' PBDT None

Operator: License # 5056

Name: F. G. Holl Company

Address 6427 E. Kellogg

P.O. Box 780167

City/State/Zip Wichita, KS 67278-0167

Purchaser: Spurlock-Permian

Operator Contact Person: Elwyn H. Nagel

Phone (316) 684-8481

Contractor: Name: Sterling Drilling Company

License: 5142

Wellsite Geologist: Brent B. Reinhardt

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If ~~CMO~~ old well info as follows:

Operator: _____

Well Name: _____

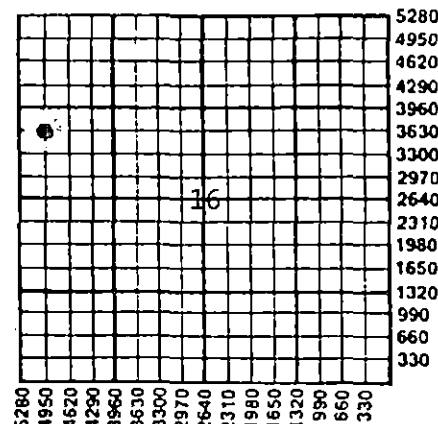
Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

5/29/91 6/6/91 7/19/91

Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 345' KB 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.

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.

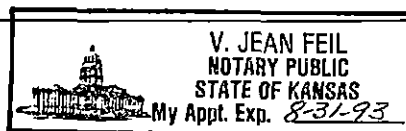
Signature Elwyn H. Nagel

Title Elwyn H. Nagel, Manager Date 8/30/91

Subscribed and sworn to before me this 30th day of August, 1991.

Notary Public V. Jean Feil

Date Commission Expires _____



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)

SIDE TWO

Operator Name F. G. HOLL COMPANY Lease Name ROLLINS Well # 1-16
 Sec. 16 Twp. 24S Rge. 17W East County Edwards 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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name Anhydrite B/Anhydrite Ft Riley Foraker Topeka Heebner Toronto Douglas SH Brown Line Lansing	Formation Description		
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample		
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Top	Bottom	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		1149 (+ 971)	BKC	4175 (-2055)
See attached DST sheet.		1167 (+ 953)	Marmaton	4195 (-2075)	
		2388 (- 268)	Cherokee SH	4325 (-2205)	
		2879 (- 759)	Cherokee SD	4341 (-2221)	
		3349 (-1229)	Miss	4361 (-2241)	
		3749 (-1629)	Kindhk. SH	4449 (-2329)	
		3766 (-1646)	Viola CHT	4518 (-2398)	
		3789 (-1669)	RTD	4530 (-2410)	
		3873 (-1753)	LTD	4525 (-2405)	
		3882 (-1762)			

CASING RECORD 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#	345' KB	60/40 POZ	225	2%Gel, 3%CC
Production	7 7/8"	4 1/2" (U)	10.5#	4509' KB	Lite	100	Salt, Gils.
					50/50 POZ	125	

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 JSPF	3350-3358' (Topeka)	PF; SWB: 7.54 BPH. (NS), AC: 500qls 15% DSFE, SWB: 4.64BPH (SG), SIFN, SWB: 2.32 BRH (DEWTR), AC: 1500qls 20% SOZ PF: 150sks Common, SOZ PF: 100sks Common, Drill Cmt.	3358'
2 SPF	4362-63, 4366-68, 4371-74 (Mississippi)	SPTD 500 qls 10% MSA, PERF, AC: 500qls 15% DSFE, Communicated Btwn PERES, FR: 23,000qls MY-T-GELL III X-Link, SWB: 10.44BPH	4374'

TUBING RECORD	Size 2 3/8"	Set At 4344'	Packer At None	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(57%Oil)
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Date of First Production 7/19/91	Producing Method <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 Bbls. 53 Gas Mcf TSTM Water Bbls. 67 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
4362-4374'
 (Mississippi)

F. G. HOLL COMPANY

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

ACO-1 (Continued)

ROLLINS #1-16
NW SW NW, Sec 16-24s-17w
Edwards County, KS
API#: 15-047-21,380 - 6000DST #1 (4320-4374 = Log) Cherokee - Mississippi

1) FBOB in 3 mins. 2) FBOB in 6 mins.

REC: 80' Mud

60' M w/Trace Oil (0%G, 1%O, 99%M, 0%W)

60' SO&GCM (25%G, 5%O, 65%M, 5%W)

200' Total Fluid

IHP: 2169 IFP: 63-63/30" ISIP: 335/60" BHT: 123F

FHP: 2142 FFP: 105-97/60" FSIP: 403/90"

DST #2 (4380-4412 = Log) Mississippi

1) FBOB in 10 mins. 2) WBOB in 52 mins.

REC: 60' OCMW (2%G, 8%O, 80%M, 40%W)

60' MW (2%O, 25%M, 73%W)

180' SMW w/TO (.04%O, 5%M, 95%W)

180' W w/TO (.04%G, 1%M, 99%W)

480' Total Fluid

IHP: 2231 IFP: 77-113/30" ISIP: 1454/60" BHT: 124F

FHP: 2172 FFP: 179-232/60" FSIP: 1446/90" CHL: 82,000ppm

15-047.21380-0000

ORIGINAL



CUSTOMER
INVOICE DATE
12/7/91

DIRECT BILLING INQUIRIES TO: 715-895-5821	TERMS: NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: P.J. SERVICES P.O. BOX 297476 HOUSTON, TX 77297
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PAGE	INVOICE NO.
1	635685

AUTHORIZED BY:
635685

PURCH. ORDER REF. NO.

F. S. WELL
P.O. BOX 158
BELLEVUE KS 67519

WELL NUMBER = 1-14 CUSTOMER NUMBER = 8525 - 0

LEASE NAME AND NUMBER	STATE	COUNTY/PARISH	CITY	DISTRICT NAME	DISTR. NO.
WILLIAMS	14	1409		Great Bend	582
JOB LOCATION/FIELD		MTA DISTRICT	DATE OF JOB	TYPE OF SERVICE	
NA			05/29/91	LAND-CONDUCTOR/SURFACE	

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100304	1.00	CEMENT CASING 301 TO 500 FEET			
10109005	45.00	MILEAGE CHRG, FROM NEAREST BASE OF			
10410504	135.00	CLASS "A" CEMENT		BT	
10415018	90.00	FLY ASH		CFT	
10415049	581.00	A-7-P CALCIUM CHLORIDE PELLETS		B	
10420145	387.00	BJ-TITAN GEL, BENTONITE, BULK SALE		B	
10431036	1.00	8-5/8" TOP WOOD PLUG		EA	
10880001	225.00	MIXING SEVICE CHRG DRY MATERIALS,			
10940101	456.75	DRAYAGE, PER TON MILE			

ACCOUNT	1.00002 BARTON 4.25007 KS-NEW WELL
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RECEIVED
STATE COMPTROLLER'S COMMISSION
SEP 7 1991
Wichita, Kansas

TAX EXEMPTION STATUS:	PAY THIS AMOUNT
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CUSTOMER
INVOICE DATE
5/1/91

DIRECT BILLING INQUIRIES TO:	TERMS	REMIT TO:
	30 DAYS FROM DATE OF INVOICE	HOUSTON, TX 77297

PAGE	INVOICE NO
1	635836

AUTHORIZED BY
635836

PURCH. ORDER REF. NO.

F. C. HOLD
P.O. BOX 10
HELPRE X 77015

CUSTOMER NUMBER : 8525 - 0

LEASE NAME AND NUMBER	STATE	COUNTY/PARISH	CITY	DISTRICT NAME	DISTR. NO.
COLLINS	14	1409		Great Bend	582
JOB LOCATION/FIELD	MTA DISTRICT	DATE OF JOB	TYPE OF SERVICE		
HELPRE		06/06/91	LAND-LONG STRING/PRODUCT		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100326	1.00	CEMENT CASING 4,501 TO 5,000 FEET			
10109005	45.00	MILEAGE CHRG. FROM NEAREST BASE OF			
10409600	1.00	INSERT		GAL	
10409600	1.00	GUIDE SHOE		GAL	
10409600	3.00	CERT		GAL	
10409600	1.00	ROTATER HEAD		GAL	
10410504	128.00	CLASS "A" CEMENT		CF	
10415018	97.00	FLY ASH		CFY	
10415038	1550.00	A-5 SALT		LB	
10415080	625.00	GILSONITE		LB	
10420145	738.00	BJ-TITAN GEL, BENTONITE, BULK SALE		LB	
10422000	31.00	CELLO FLAKE		LB	
10424005	79.00	CO-31		LB	
10424530	18.00	FP-9		LB	
10425016	500.00	MUD-SWEEP, WITH BJ-TITAN PUMPING E		GAL	
10430608	1.00	4 1/2" TOP RESIN/PLASTIC CORE		EA	
10880001	225.00	MIXING SEVICE CHRG. DRY MATERIALS,			
10940101	504.00	DRAYAGE, PER TON MILE			