

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 # 5783
Name Galloway Drilling Co., Inc.
Address 340 Broadway Plaza Bldg.
105 S. Broadway
City/State/Zip Wichita, KS 67202

Purchaser none

Operator Contact Person Susan Smith
Phone (316) 263-1793

Contractor: License # 5783
Name Galloway Drilling Co., Inc.

Wellsite Geologist Casey Galloway
Phone (316) 267-7355

Designate Type of Completion

- New Well Re-Entry Workover
- Oil SWD Temp Abd
- Gas Inj Delayed Comp.
- Dry Other (Core, Water Supply etc.)

If OWNO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

10/23/85 11/1/85 1/14/86
Spud Date Date Reached TD Completion Date

3399' PBSD
Total Depth

Amount of Surface Pipe Set and Cemented at 248 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

API NO. 15-163-22,789-00-00
County Rooks
S/2 S/2 SW/4 Sec. 7 Twp. 8 S. Rge. 17 East West

330 Ft North from Southeast Corner of Section
3960 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

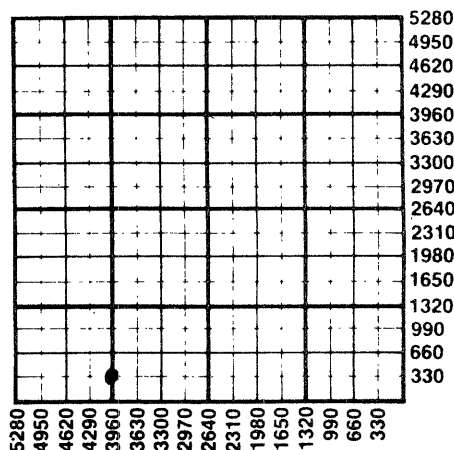
Lease Name Hrabe Well # A-3

Field Name Elm Creek

Producing Formation Arbuckle

Elevation: Ground 1946 KB 1951

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

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

Source of Water:
Division of Water Resources Permit # 3260

Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge East West

Surface Water 1320 Ft North from Southeast Corner (Stream, pond etc) 3960 Ft West from Southeast Corner Sec 1 Twp 8 S Rge 18 East West

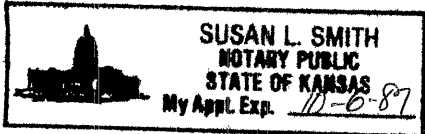
Other (explain) (purchased from city, R.W.D. #)

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. Rule 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 Jay M. Galloway
Title President Date 3/4/86

Subscribed and sworn to before me this 4th day of March 1986.
Notary Public Susan L. Smith
Date Commission Expires 10/6/87



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)

STATE CORPORATION COMMISSION

Form ACO-1 (7-84)

MAR 19 1985 3/12/86
CONSERVATION DIVISION

Sec. 7 Twp. 8 S. Rge. 17 W

Operator Name Galloway Drilling Co., Inc. Lease Name Hrabe Well # A-3

Sec. 7 Twp. 8s Rge. 17 East West County Rooks

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 2880-2906 30-45-60-45 Rec. 550' muddy water w/slight show free oil, IFP 58/116, FFP 155/262, SIP 990-933

DST #2 3176-3235 30-45-60-45 Rec. 165' very slightly oil cut watery mud, IFP 58/68, FFP 87/126, SIP 599-504

DST #3 3262-3300 30-45-30-45 Rec. 15' mud, IFP 38/38 FFP 48/48, SIP 329-136

DST #4 3300-3340 30-45-30-45 Rec. 20' mud, IFP 38/38 FFP 42/42, SIP 136-117

DST #5 3374-3390 30-45-60-45 Rec. 20' oil & gas cut mud, 60' oil & gas cut mud, 40' GIP, IFP 38/38, FFP 52/58 SIP 828-571

DST #6 3384-3395 30-45-90-60 Rec. 70' GIP, 110' oil & gas cut mud, (10% gas, 40% oil, 50% mud), IFP 62/62, FFP 68/73, SIP 900-819

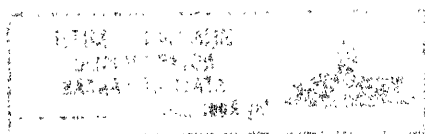
Name	Top	Bottom
<u>Sample Tops</u>		
Anhydrite	1325	+ 626
B/Anhydrite	1359	+ 592
Topeka	2861	- 910
Heebner	3072	-1121
Toronto	3098	-1147
Lansing	3114	-1163
Arbuckle	3382	-1431
RTD	3402	-1451
<u>Log Tops</u>		
Anhydrite	1329	+ 622
Topeka	2862	- 911
Heebner	3073	-1122
Toronto	3096	-1145
Lansing	3114	-1163
B/KC	3340	-1389
Arbuckle	3381	-1430
RTD	3399	-1448

CASING RECORD <input checked="" 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 1/2"	8 5/8"	23#	248'	60/40 poz	160	2% gel, 3% CC
Production		4 1/2"	10#	3384.5'	salt saturated	175	poz. mix. cement
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
	open hole 3384-3399 (TD)			Swab 2 1/2 bbls. oil/hr.			
				52% oil			
TUBING RECORD				Liner Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Size	Set At	Packer at					
2 3/8"	3358, 39						
Date of First Production	Producing Method						
1/19/86	<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		
	4 Bbls	-0- MCF	3 Bbls	CFPB	32.5		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 3384-3399
 Used on Lease Dually Completed
 Commingled



DST #7 3385-3402 30-45-60-60
Rec. 65' oil & gas cut mud, (10% gas, 35% oil, 12% water, 40% mud),
IFP 52/52, FFP 62/68, SIP 838-723

15-163-22789-00-00

3/19/85

STATE COMMISSION

MAR 19 1985

CONSERVATION DIVISION
Wichita, Kansas

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

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- Re-Entry
- Workover
- Oil - *Plugged*
- Gas
- Dry
- SWD
- Inj
- Other (Core, Water Supply etc.)
- Temp Abd
- Delayed Comp.

If OWMO: old well info as follows:

Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY

Drilling Method:

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- Air Rotary
- Cable

10/23/85 11/1/85 1/14/86
Spud Date Date Reached TD Completion Date
3399'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 248 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

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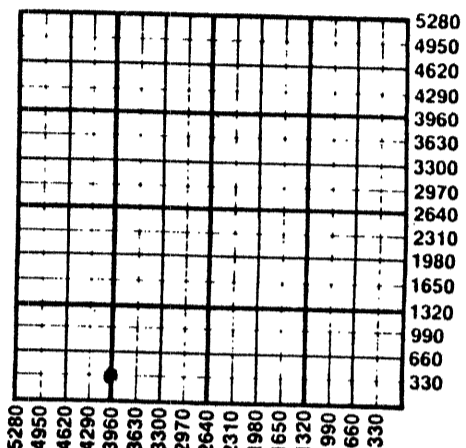
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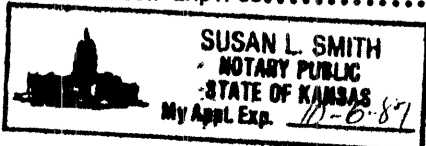
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C Wireline Log Received
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KCC SWD/Rep NGPA
 STA Plug Other (Specify)

DEC 3

CONSERVATION DIVISION
Wichita, Kansas

Form ACO-1 (7-84)

Sec 7 Twp 8 S Rge 17 W

12-3-86

SIDE TWO

Operator Name Galloway Drilling Co., Inc. Lease Name Hrabe Well # A-3

Sec. 7 Twp. 8s Rge. 17 East West County Rooks

WELL LOG

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 Cores Taken Yes No

Formation Description
 Log Sample

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SHUT IN

Name Top Bottom

Sample Tops

#2 3176-3235 30-45-60-45 Rec. 165' very slightly cut watery mud, IFP 58/68, FFP 87/126, SIP 599-504
OL

Anhydrite	1325	+ 626
B/Anhydrite	1359	+ 592
Topeka	2861	- 910
Heebner	3072	-1121
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FINAL

Log Tops

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FFP

CASING RECORD New Used

Report all strings set-conductor, surface, intermediate, production, etc.

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PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	open hole 3384-3399 (UD)	Swab 2 1/2 bbls. oil/hr. 52% oil	

TUBING RECORD Size 2 3/8" Set At 3358.39 Packer at _____ Liner Run Yes No

Date of First Production 1/19/86 Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	4 Bbls	-0- MCF	3 Bbls	CFPB	32.5

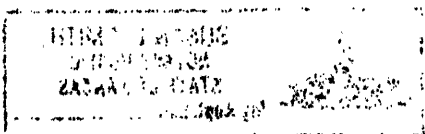
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STATE CORPORATION COMMISSION

DEC 3

CONSERVATION DIVISION
Wichita, Kansas