

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 # 5428
Name Graves Drilling Co., Inc.
Address 151 N. Main, Suite 850
City/State/Zip Wichita, KS 67202

Purchaser

Operator Contact Person Karen L. Seiler
Phone 316-265-7233

Contractor: License # 5123
Name Pickrell Drilling Co., Inc.

Wellsite Geologist Arden Ratzlaff
Phone 316-262-8938

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 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:
 Mud Rotary Air Rotary Cable
11-18-88 12-06-88 1-4-89
Spud Date Date Reached TD Completion Date
6370' 5264'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 680 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
11-2

API NO. 15-033-20-737-0000
County Comanche
C NW SE Sec 10 Twp 34S Rge 20 East West

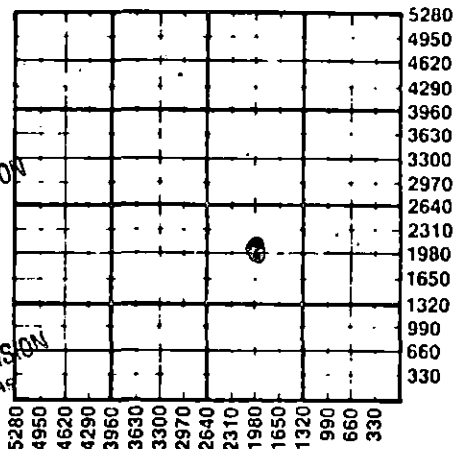
1980 Ft North from Southeast Corner of Section
1980 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Baker Well # 1
Field Name Collier Flats

Producing Formation Mississippian

Elevation: Ground 1772 KB 1777

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
JAN 27 1989
1-27-89
CONSERVATION DIVISION
Wichita, Kansas

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 #
 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) trucked (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 Karen L. Seiler
Title Land Secretary Date 12-19-88

Subscribed and sworn to before me this 19th day of December 1988
Notary Public Tricia K. Glidewell

Date Commission Expires March 16, 1990

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 10 Twp 34 Rge 20

SIDE TWO

Operator Name Graves Drilling Co., Inc. Lease Name Baker Well # 1

Sec. 10 Twp. 34S Rge. 20 East West County Comanche

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 - 4157-4226, Op15, si45, op60, si45, weak 6" blow
 Rec 225' slightly OCM (5% oil) IFP 75-75, FFP 108-108.
 ISIP 1370, FSIP 1263.
 DST #2 - 4752-4770, op15, si45, op60, si45, strong
 blow. Rec 300' GIP, 114' VSO&GCM. IFP 108-108, FFP 108-
 108. ISIP 238, FSIP 162.
 DST #3 - 5134-5190, op15, si45, op60, si45, GTS 15". Gauged
 55 MCFG throughout 2nd open. Rec 210' GCM. IFP 86-86,
 FFP 108-108, ISIP 1815, FSIP 1709.

Name	Top	Bottom
Tarkio	3328	(-1551)
Heebner	4140	(-2363)
Lansing	4328	(-2551)
Stark	4738	(-2961)
Cherokee	5030	(-3253)
Mississippian	5124	(-3347)
Viola	6138	(-4361)
Simpson	6279	(-4502)
LTD	6371	(-4594)

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
conductor		16"		42'		10 yards	
surface		8 5/8"	23#	680'	60/40 Pos	450 sx	2% gel, 3% CC
production		4 1/2"	10#	5311'	50/50 Pos	150 sx	10% salt saturate, 12# Gil/sack w/3/4 of 1% fric. reducer.
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	5138 - 5160			Acidize w/2000 gal 15% DS/FE acid			
				Re-Treat w/10,000 gal @ 5138-5160			
2 spf	5168 - 5180			1000 Gal DS/FE acid, 15% Frac w/37,000 gal 60% CO ₂ , 430 sks 20/40 sand			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Size <u>2 3/8"</u> Set At <u>5162'</u>		Packer at			
waiting on connection		Producing Method <input checked="" type="checkbox"/> Flowing <input 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		
	Trace Bbls	472 MCF	Trace Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 5138-5160
 Used on Lease Dually Completed 5168-5180
 Completed