

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 # 8793
Name James Dillie
Address 4469 So. Winona Ct.
Denver, Colo. 80236
City/State/Zip

Purchaser None

Operator Contact Person James Dillie
Phone 303-795-2955

Contractor: License # 8682
Name Golden Eagle Drlg.

Wellsite Geologist James Dillie
Phone 303-795-2955

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

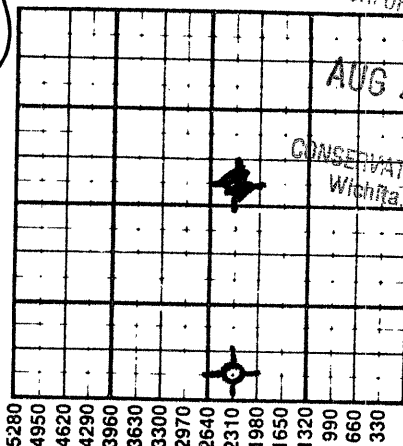
If OWNO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
1/20/84 1/29/84 2/10/84
Spud Date Date Reached TD Completion Date
4780' N/A
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 345 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
A-I

API No. 15-153-20,533-00-00
County Rawlins
SW SW SE 21 3S Rge 36 East West
2310 330'
Ft North from Southeast Corner of Section
Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)
Lease Name Joe Cahoj Well # 1-D
Field Name Celia, South
Producing Formation None
Elevation: Ground 3347! KB 3352!



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) Purchased from farmer (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 James Dillie
Title Operator Date

Subscribed and sworn to before me this 22 day of Aug 1988
Notary Public Virginia Billie
Date Commission Expires 12 16 97

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)

Sec 21 Twp 3 Rge 36 E

Operator Name James Dillie Lease Name Joe Cahoj Well # 1-D

Sec. 21 Twp. 38 Rge. 30 County Rawlins

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
Topeka	4070	
Topeka	4070	
Oread	4173	
Douglas	4220	
L-KC	4256	
Base L-KC	4542	
Pawnee	4617	
Fort Scott	4658	
Cherokee	4681	

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Wichita, Kansas

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	12.1/4	8.5/8	24	345	Pozmix	275	
Production	7.7/8	5.1/2	14	4781	Pozmix	275	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	4659-4739	300 gallons MCA and 600 gallons MCA and 6000 gallons 15% SGA	

TUBING RECORD	Size N/A	Set At N/A	Packer at	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....			
None	N/A			
Estimated Production Per 24 Hours	Oil N/A Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB

METHOD OF COMPLETION

Production Interval

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

15-153-20533-00-02

James Dillie

OIL AND GAS VENTURES

4469 SOUTH WINONA COURT
DENVER, COLORADO 80236
303-692-8892

(303) 337-4800

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Geologic Report

CONSERVATION DIVISION
Wichita, Kansas

1. Well name - Joe Cahoj D-1
2. Location - SW SW SE Section 21-3S-36W
Rawlins County, Kansas
3. Operator - James Dillie
4. Drilling contractor - Golden Eagle Drilling
5. Commenced - January 20, 1984
TD'd - January 29, 1984 at 4780' Driller; 4782' Logger
6. Elevation - 3347 GL; 3352' KB
7. Drillstem tests - None
8. Electric log - Great Guns
9. Casing record - Surface; 8-5/8" set at 345'. Cemented to surface. Production; 5-1/2", 14#, set at 4781'. Port collar at 3158'. Cement baskets at 3208, 2831, 2542 and 1662.

Formation Tops
(from Kelley Bushing)

	Joe Cahoj D-1	Cahoj B-2
Topeka	4070 -718	4048 -705
Oread	4173 -821	4152 -809
Douglas	4220 -868	4200 -857
L-KC	4256 -904	4236 -893
Base L-KC	4542 -1190	4518 -1175
Pawnee	4617 -1265	4584 -1241
Ft. Scott	4658 -1306	4627 -1284
Cherokee	4681 -1329	4650 -1307
"Pay"	4739 -1387	4702 -1359

Zones of Interest (log and/or samples)

- Deer Creek
4114-22 Limestone, variegated, VFXTLN-very fossiliferous - chalk, no visible porosity, no shows.
- Oread
4173-77 Limestone, white, fossiliferous - oolitic, no visible porosity, no shows.
- Lansing_kansas City
"A" 4256-68 Limestone, variegated, oolitic - fossiliferous - chalk, many chalky samples with fair-very good vuggy porosity, some live oil, abundant dead oil. Too chalky. No need to test.

"B" 4314-24 Limestone, variegated, VF-LXTLN-chalk-fossiliferous. Some fair intercrystalline porosity, no shows.

"D" 4418-24 Limestone, variegated, VFXTLN-chalk. No visible porosity, no shows.

"F" 4491-94 Limestone, white, VF-LXTLN-oolitic-chalk. No visible porosity, no shows.

Pawnee
4617-19 Limestone, white, VF-VLXTLN-fossiliferous-oolitic-chalk. No visible porosity, no shows.

Ft. Scott
4659-62 Limestone, white, oolitic, very good vuggy porosity, good live oil show. Should test.

Cherokee "Pay"
4739-42 Limestone, white-brown VFXTLN-oolitic-chalk, few brown samples with fair vuggy porosity, with slight show of free oil. Should test.

This well was under geologic supervision from 3900-TD. Wet samples were examined from 3900-TD. Based on sample shows and log results it was decided to run pipe and test the Ft. Scott and Cherokee "Pay" zones.

James Dillie
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Consultant

JD/lew

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Joe Cahoj D-1
Completion Report

2/4/84 Moved in and rigged up POE W.O. Unit ran Bond log. Swabbed casing down to 4200'. SDFN.

2/5/84 SDFS

2/6/84 Rigged up Great Guns and perf'd Ft Scott @ 4659-62 w/4 shots/ft. Swabbed down w/no shows. Ran tubing & RTTS. Set packer @ 4630'. Acidized Ft Scott w/300 gallons mud acid & 18 bbls KCL. Zone broke down @ 500 psi & 1/2 BPM. Increased rate to 2-1/2 BPM w/300 psi when perf's broke down. Finished job @ 2-1/2 BPM w/300 psi. Initial SI 150 psi. Pressure decreased to 0 in 20 min. Swabbed down in 5 runs w/no shows. Had no fluid entry on 6th, 7th or 8th run (one every half hour). Pulled tubing & RTTS. SDFN.

2/7/84 Ran in w/casing swab. No overnight fillup. Rigged up Great Guns & perf'd Cherokee @ 4739-45 w/four shots/ft. Ran in RTTS & tubing set at 4720'. Acidized Cherokee w/600 gallons mud acid & 17 bbls KCL water. Formation broke down @ 500 psi & 1/2 BPM. Increased rate to 3 BPM w/800 psi. Initial shut in 100 psi bled to 0 psi in 15 min. Swabbed down w/good show of oil on 5th run. Ran swab every 1/2 hr. for 3 hrs. Recovered 85-90' of fluid every run w/10% oil. SDFN.

2/8/84 Tagged fluid w/tubing swab 3700' from surface (1020' fluid buildup overnight). Swabbed 10% oil & 90% load water (still lack 2 bbls of load). Started 6000 gallon SGA job. Had all but 10 bbl of KCL water in tubing when acid came up back side (packer failure or communicated w/Ft. Scott). Flowed acid back from back side till dead. Ran in w/tubing swab to test formation (see if suction on back side). Opened bypass to relieve pressure on back side after tubing swabbed down. Appears not to be communicated. After opening bypass dumped 40 bbls saltwater down back side. Let equalize then closed bypass. Swabbed down w/no suction on back side (no doubt zones are not communicated). Swabbed tubing down. SDFN.

2/9/84 Tagged 1500' of fluid (overnight fillup). Swabbed all acid water w/slight show of oil. Swabbed all day at a rate of 1/2 bbl per hour till last 2-1/2 hrs. Only swabbed 1/2 bbl of fluid in last 2-1/2 hrs. Fluid was acid water w/about 1% oil. Opened bypass & swabbed hole clean. Closed bypass. SDFN.

2/10/84 Tagged 330' of fluid (overnight fillup). Swabbed down in one run. All acid water w/about 1% oil. Pulled RTTS and layed down tubing. Ran in with casing swab. Made one run every 15 minutes for one hour. No fluid coming in. Rigged down Poe. Temporarily abandon well.

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