

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE
6039

Operator: License # _____

Name: L.D. Drilling, Inc.Address RR 1 Box 183BCity/State/Zip Great Bend, KS. 67530Purchaser: Koch Oil CompanyOperator Contact Person: L.D. DavisPhone (316) 793-3051Contractor: Name: Duke Drilling Co., Inc.License: 5929Wellsite Geologist: Larry Friend

Designate Type of Completion

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

If OWO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable7-12-897-18-897-29-89

Spud Date

Date Reached TD

Completion Date

API NO. 15- 185-22,595-0000County Stafford

SW	SE	SW	Sec. <u>23</u>	Twp. <u>21</u>	Rge. <u>12</u>	East
						West

330

Ft. North from Southeast Corner of Section

3630

Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

Lease Name Austin Well # 2Field Name SaundraProducing Formation ArbuckleElevation: Ground 1842 KB 1847Total Depth 3600' PBDT NA 504

STATE OF KANSAS

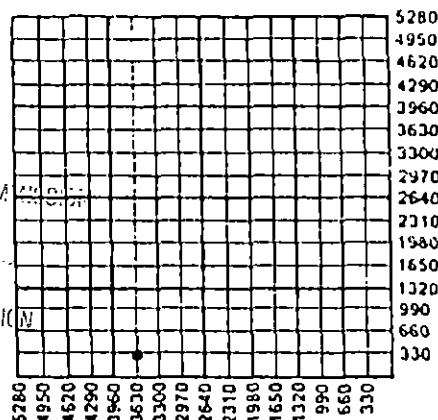
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OIL & GAS CONSERVATION DIVISION

Wichita, Kansas

8-21-1989

Amount of Surface Pipe Set and Cemented at 386' FeetMultiple 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.

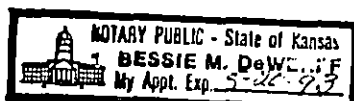
Signature L.D. DavisTitle President Date 8-16-89Subscribed and sworn to before me this 16th day of August, 19 89.Notary Public Bessie M. DeWerffDate Commission Expires 5-20-93

K.C.C. OFFICE USE ONLY

F ☐ Letter of Confidentiality Attached
 C ☐ Wireline Log Received
 C ☐ Drillers Timelog Received

Distribution

1/1 KCC ☐ SWD/Rep ☐ NGPA
1/1 KGS ☐ Plug ☐ Other
 (Specify)



Form ACO-1 (7-89)

SIDE TWO

Operator Name L.D. Drilling, Inc. Lease Name Austin Well # 2
 Sec. 23 Twp. 21 Rge. 12 ☐ East ☒ West
 County Stafford

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
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey ☒ Yes ☐ No
 Cores Taken ☐ Yes ☒ No
 Electric Log Run ☐ Yes ☐ No
 (Submit Copy.)

See Attachment

Formation Description

☐ Log ☒ Sample

Name	Top	Bottom
Anhy	617 (+1230)	639
Heeb.	3113 (-1266)	
B.L.	3245 (-1398)	
L K/C	3262 (-1415)	
B K/C	3491 (-1644)	
Viola	3524 (-1677)	
Simp. Shale	3541 (-1694)	
Arb.	3590 (-1743)	
R.T.D.	3600	

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 1/2"	8-5/8"	28#	386'	60/40poz	195	2% gel 3% cc
Production	7-7/8"	5 1/2"	14#	3591'	60/40poz	125	8% salt

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

TUBING RECORD

Size
2 3/8"Set At
3599

Packer At

Liner Run

☐ Yes ☐ No

Date of First Production Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	50		0		

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, submit ACO-18.)

☒ Open Hole ☐ Perforation ☐ Dually Completed ☐ Commingled
☐ Other (Specify) _____

AUSTIN #2
SW SE SW Sec. 23-21-12
Stafford County, Kansas

DST #1 3308-3346

Times: 30-30-30-30

Blow: 1st open: increased to 1½" dec. in 10 min to 1/2"

2nd open: " died in 21 Min.

Recovery: 40' gip, 40' DM W/few oil spots, sl show free oil on tool

IFP: 55-55 FFP: 60-60 ISIP: 121 FSIP: 94

DST #2 3341-3374 Times: 30-30-30-30

Blow: 1st open: Weak blow increased to 1" in 23 Min.

2nd open: bled off weak surf. blow 12 min.

IFP: 44-44 FFP: 60-60 ISIP: 650 FSIP: 620

DST #3 3381-3450

Times: 30-30-30-30

Blow: 1st open: weak ½" blow died in 28 min

2nd open: no blow-flush tool weak surge blow died in 5 min.

Recovery: 42' Drilling Mud W/few oil specks on tool

IFP: 71-71 FFP: 82-82

ISIP: 104 FSIP: 104

DST #4 3489-3557

Times: 30-30-30-30

Blow: 1st open: very weak blow died in 10 min.

2nd open: no blow-flush tool-surge & weak blow 1 min.

Recovery: 10' Drilling Mud W/ few oil specks on tool

IFP: 55-55 FFP: 60-60 ISIP: 82 FSIP: 79

DST #5 3591-3600

Times: 45-45-45-45

Blow: 1st open: strong blow off bb in 1½ Min

2nd open: fair increasing to strong blow off bb in 14 min.

Recovery: 454' Total fluid 20' cgo, 186' muddy oil 10% gas, 83% oil, 2% water,
62' muddy oil, 1761 GIP

IFP: 55-110 FFP: 148-176 ISIP: 582 FSIP: 820

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CONSERVATION DIVISION
Wichita, Kansas