

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

S

API NO. 15-185-22,417-0000
County Stafford
C.N/2 S/2 Sec. 13 Twp. 21 Rge. 12 East
X West

Operator: License # 6039
Name L.D. Drilling, Inc.
Address Route 1, Box 183-B
City/State/Zip Great Bend, KS 67530

1980 Ft North from Southeast Corner of Section
2640 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser Koch Oil Company
Wichita, Kansas 67201

Lease Name Kasselmann Well # 2
Field Name Sandago West

Operator Contact Person L.D. Davis
Phone 316-793-3051

Producing Formation Arbuckle

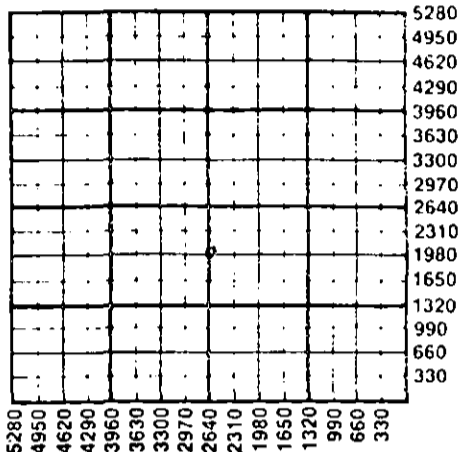
Contractor: License # 5929
Name Duke Drilling Co., Inc.

Elevation: Ground 1819 KB 1824

Wellsite Geologist Kim Shoemaker
Phone (316) 682-1537

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

Section Plat



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

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

WELL HISTORY

Drilling Method:
X Mud Rotary Air Rotary Cable
2-27-87 3-5-87 3-11-87
Spud Date Date Reached TD Completion Date
3610'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 300 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
Cement Company Name
Invoice #

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

Source of Water:
Division of Water Resources Permit # T-87-80

X Groundwater 1980 Ft North from Southeast Corner
(Well) 2640 Ft West from Southeast Corner of
Sec 13 Twp 21 Rge 12 East X 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 city, R.W.D. #)

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. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

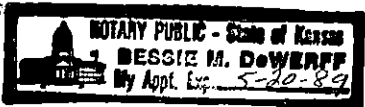
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature L.D. Davis
L. D. Davis
Title President Date 4-20-87

Subscribed and sworn to before me this 20th day of April 1987
Notary Public Bessie M. DeWerff
Bessie M. DeWerff
Date Commission Expires 5-20-89

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
RECEIVED (Specify)
STATE CORPORATION COMMISSION
APR 21 1987
Form ACO-1 (5-86)

Sec 13 Twp 21 Rge 12 East



SIDE TWO

Operator Name L.D. Drilling, Inc. Lease Name Kasselman Well # 2

Sec. 13 Twp. 21 Rge. 12 East West County Stafford

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 *None*

DST #1 3204-3280 upper K/C
 Times: 30-30-30-30
 Blow: 1st open: 1" blow
 2nd open: 2" blow
 Recovery: 150' gip 30' vsocm
 IFP: 20-20 FFP: 28-30 ISIP: 59 FSIP: 46

DST #2 3312-3379 L K/C
 Times: 30-30-30-30
 Blow: 1st open: slow blt. to fair 3"
 2nd open: stdy fair blow 3" through out
 IFP: 73-75 FFP: 79-81 ISIP: 89 FSIP: 89
 Recovery: 40' socm 140' gip

DST #3 3420-3498 Arbuckle
 Times: 30-30-30-30
 Blow: 1st open: fair 4" blow
 2nd open: weak stdy blow 1"
 Recovery: 200' total 80' OCM 10% oil
 IFP: 53-59 FFP: 102-109 HOCM 30-40% oil
 ISIP: 811 FSIP: 774

Formation Description		
Name	Top	Bottom
Anhy.	585	(+1239)
Heebner	3050	(-1226)
Douglas	3082	(-1256)
Br. Lime	3174	(-1350)
Lans. KC	3200	(-1376)
Base KC	3427	(-1603)
Arbuckle	3486	(-1662)
Log T.D.	3611	(-1787)

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"	20#	300'	50/50ppz	185	2% gel 3% CC
Production	7-7/8"	14 1/2"	10 1/2#	3609'	50/50ppz	75	18% salt .75% CFR2
					50/50ppz	75	18% salt .75% CFR2 & 5# Gilsonite

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 s.p.f.	3550-53	500 gal. MOD. 202 F.F.	

TUBING RECORD	Size 2 1/2"	Set At 3594	Packer at	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First Production March 11, 1987 Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	25 Bbls	MCF	15 Bbls	CFPB	

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation Sold Other (Specify) 3550-3610
 Used on Lease Dually Completed Commingled

