

18-11-2FW
UN 32 (DRL 11/10/6)

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 # 6039
name L. D. Drilling, Inc.
address Rt #1, Box 183B
City/State/Zip Great Bend, KS 67530

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

Contractor: license # 5657
name Slawson Drilling, Inc.

Wellsite Geologist Alan Banta
Phone 316-682-1537

PURCHASER Koch Oil Company

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

WWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable

10-9-84 10-18-84 11-1-84
Spud Date Date Reached TD Completion Date

4640' PBDT
Total Depth

Amount of Surface Pipe Set and Cemented at 334 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. 15-109-20,353

County Logan

NE NE SW Sec 13 Twp 11 Rge 32 (DRL 11/10/6) X W

2310 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

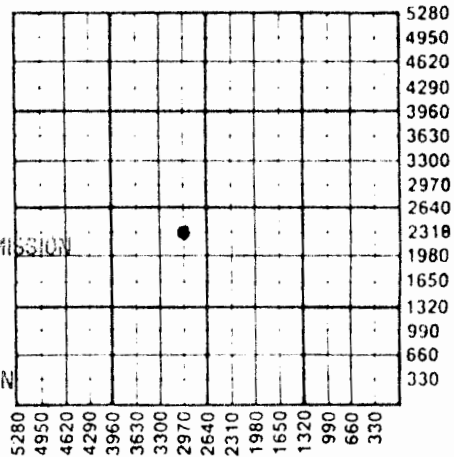
Lease Name BRUNGARDT Well# 1

Field Name

Producing Formation Kansas City

Elevation: Ground 2985' 2991' KB

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
DEC 19 1984
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and
(Well) Ft West From Southeast Corner
Sec Twp Rge East West

Surface Water Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge East West

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

Disposition of Produced Water: Disposal Repressuring

Docket #

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. Rules 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.

WIS-N-81

100859
21
32

SIDE TWO

Operator Name L. D. Drilling, Inc. Lease Name BRUNGARDT Well# 1 SEC 13 TWP 11 RGE 32 East West

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

Shale 0 3710
Shale & Lime 3710 4059
Lime 4059 4640

Name	Top	Bottom
Anhy	2489	2517
Heebner	3965	
Toronto	3989	
Lans K/C	4005	
Stark Shale	4224	
Base K/C	4286	
Marmaton	4317	
Pawnee	4410	
Myrick Station	4450	
Fort Scott	4476	
Cherokee Shale	4505	
Mississippi	4601	
RTD	4640	

DST #1 3972 - 4059

TIMES: 45-45-45-45

BLOW: Medium incr 5" to 6"

REC: 215' GIP, 92' CGO, 124' OCM - 30% oil 55% mud: 15% water, 310' SOCW

IFP: 106-263 FFP: 294-346 ISIP: 1345 FSIP: 1051

DST #2 4067 - 4085

TIMES: 45-45-45-45

BLOW: 5 1/2" on first open; 3" on 2nd open

REC: 541' Slightly Oil Cut Mud

Mis-run packer leaking

DST #3 4120 - 4195

TIMES: 45-45-30-45

BLOW: weak blow thru-out

REC: 62' oil cut mud 8% oil

IFP: 37-27 FFP: 63-37 ISIP: 743 FSIP: 628

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"		334'	60/40 POZ	225	2% Gel, 3% CC
Production	7-7/8"	4 1/2"	10.5	4639'	5J/50 POZ	250	18% Salt Sat 3/4 CFR2, 20 bbl salt f

PERFORATION RECORD

shots per foot specify footage of each interval perforated

Acid, Fracture, Shot, Cement Squeeze Record

(amount and kind of material used)

Depth

2spf	4453-4457	1000 gal NE 15% acid	4453-57
2spf	4237-4241	1000 gal NE 15% acid	4237-41
2spf	4207-4211	1000 gal NE 15% acid	4207-11

East
West

SIDE TWO

Operator Name L D Drilling, Inc. Lease Name BRUNGARDT Well# 1 SEC 13 TWP. 11 RGE. 32 East West

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

DST #4 4190 - 4250

TIMES: 45-45-45-45

BLOW: Strong

REC: 1364' GIP, 712' fluid, 588' clean Gassy oil, 124' OCM - 40% oil, 60% mud

IFP: 64-166 FFP: 231-259 ISIP: 1217 FSIP: 1174

DST #5 4420 - 4500

TIMES: 45-45-45-45

BLOW: 1st-strong blow off bottom decr to 1" on 2nd

REC: 120' GIP, 554' fluid, 10' Clean Gassy Oil, 110' O&GCMW; 434' Muddy Water

IFP: 55-156 FRP: 231-240 ISIP: 457 FSIP: 447

DST #6 4513 - 4571

TIMES: 15-30-15-30

BLOW: 1/2" in bucket, Weak blow thru-out

REC: 15' OCM, 11% Oil, 2% Water 87% Mud

IFP: 55-27 FFP: 55-27 ISIP: 619 FSIP: 811

TUBING RECORD size 2" upset set at 4638 packer at		Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First Production	Producing method <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
	25		
	Bbls	MCF	Bbls
			CFPB

Disposition of gas: vented sold

METHOD OF COMPLETION
 open hole perforation
 other (specify)

PRODUCTION INTERVAL
 Kansas City