

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISIONWELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 5198
 name A. Scott Ritchie
 address 125 N. Market
 Suite 950
 City/State/Zip Wichita, KS 67202

Operator Contact Person Rocky Milford
 Phone (316) 267-4375

Contractor: license # 6033
 name Murfin Drilling Co.

Wellsite Geologist Dan Reynolds
 Phone (316) 264-6751

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.)

If WO: old well info as follows:

Operator
 Well Name
 Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable

6/22/85 7/05/85 7/23/85
 Spud Date Date Reached TD Completion Date

4650' RTD N/A
 Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 304' feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If Yes, Show Depth Set 2490' feet

If alternate 2 completion, cement circulated
 from 2490 feet depth to surface w/ 575 SX cmt

API NO. 15-109-20,383

County Logan

SW NE SE Sec 13 Twp 11S Rge 32 East
 (location) West

1650 Ft North from Southeast Corner of Section
 990 Ft West from Southeast Corner of Section
 (Note: locate well in section plat below)

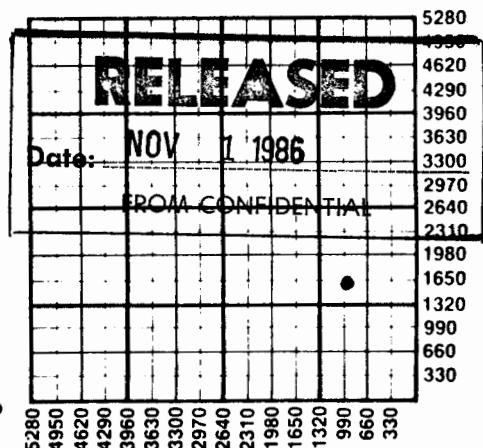
Lease Name Delzeit Well# 1

Field Name None Campus, West

Producing Formation Toronto, Marmaton, Johnson

Elevation: Ground 3003' KB 3008'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

☐ Groundwater Ft North From Southeast Corner and
 (Well) Ft. West From Southeast Corner of
 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)
 (purchased from city, R.W.D.#)

Disposition of Produced Water: ☒ Disposal
☐ Repressuring

Docket # 97,736-C (C-16,920)

BING RECORD size set at packer at		Liner Run ☐ Yes ☐ No	
Date of First Production 7/23/85	Producing method ☐ flowing ☒ pumping ☐ gas lift ☐ Other (explain)		
Estimated Production Per 24 Hours	Oil 30.0 Bbls	Gas MCF	Water 14.0 Bbls Gas-Oil Ratio CFPB Gravity

100874

SIDE TWO

Operator Name A. Scott Ritchie Lease Name Delzeit Well# 1 SEC 13 TWP. 11S RGE. 32 ☐ East ☒ WestDisposition of gas: ☐ vented
☐ sold
☐ used on lease

METHOD OF COMPLETION

☐ open hole ☒ perforation
☐ other (specify)

PRODUCTION INTERVAL

4007' to 4573' ☐ Dually Completed.
☒ CommingledINFORMATION
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Drill Stem Tests Taken

☒ Yes☐ No

Samples Sent to Geological Survey

☒ Yes☐ No

Cores Taken

☐ Yes☒ No

Formation Description

☒ Log☐ Sample

DST #1 from 3983' to 4032' (Toronto-Lansing A zone). Recovered 754' of muddy frothy oil & 124' of slightly oil cut muddy water. IFP:132-297#/30"; ISIP:876#/45"; FFP:352-396#/30"; FSIP:865#/45".

DST #2 from 4034' to 4072' (Lansing C & D zones). Recovered 1136' of muddy water with scum of oil. IFP:66-393#/30"; ISIP:1096#/30"; FFP:404-524#/30"; FSIP:1096#/30".

DST #3 from 4152' to 4245' (Lansing H - J zones). Recovered 72' of gassy oil cut mud. IFP:110-110#/45"; ISIP:909#/45"; FFP:121-121#/45"; FSIP:909#/45".

DST #4 from 4240' to 4280' (Lansing K zone). Recovered 196' of watery mud, scum of oil. IFP:77-99#/45"; ISIP:1148#/45"; FFP:132-143#/45"; FSIP:1148#/45".

DST #5 from 4340' to 4375' (Marmaton). Recovered clean gassy oil, 10' of muddy gassy oil, & 789' of gas in pipe. IFP:99-132#/30"; ISIP:1452#/30"; FFP:187-198#/30"; FSIP:1398#/30".

DST #6 from 4391' to 4451' (Pawnee). Recovered 496' of muddy water with scum of oil. IFP:77-198#/45"; ISIP:920#/45"; FFP:242-308#/45"; FSIP:920#/45".

DST #7 from 4457' to 4526' (Myrick Station & Ft. Scott). Recovered 30' of gassy slightly oil cut watery mud, 372' of gassy slightly oil cut muddy water, 496' of muddy water with scum of oil, and 340' of gas in pipe. IFP:143-330#/30"; ISIP:800#/30"; FFP:396-441#/30"; FSIP:800#/30".

Name	Top	Bottom
Anhydrite	2505'	(+ 503)
B/Anhydrite	2532'	(+ 476)
Topeka	3755'	(- 747)
Heebner	3979'	(- 971)
Toronto	4006'	(- 998)
Lansing	4023'	(-1015)
Stark	4245'	(-1237)
B/KC	4309'	(-1301)
Marmaton	4341'	(-1333)
Pawnee	4434'	(-1426)
Myrick Station	4469'	(-1461)
Ft. Scott	4498'	(-1490)
Cher. Sh.	4526'	(-1518)
Johnson zone	4569'	(-1561)
Cher. Sd.	absent	n/a
Miss. Lm.	4614'	(-1600)
	4653'	(-1600)

DST #8 from 4583' to 4604' (Cherokee sand). Recovered 2' of mud, no show of oil. IFP:66-66#/30"; ISIP:77#/30"; FFP:66-66#/30"; FSIP:77#/30".

DST #9 from 4081' to 4115' (Lansing E & F zones) with straddle packers. Recovered 90' of slightly oil cut mud. IFP:66-66#/45"; ISIP:647#/45"; FFP:88-88#/45"; FSIP:615#/45".

(Continued on next column)

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"	23#	304'	60/40 poz.	225	3% poz. 2% gel
Production	7-7/8"	4 1/2"	10.5#	4651'	60/40 poz.	225	10% salt, 3% gilsonite, 10 sacks of salt flush

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 SSB	4569 1/2' to 4573'	Acidized w/750 gal. of 15% acid	4569 1/2' -73'
2 SSB	4342' to 4347'	Acidized w/1000 gal. of 15% acid	4342' -47'
2 SSB	4007' to 4010'	Acidized w/750 gal. of 15% acid	4007' -10'

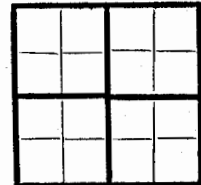
WELL LOG

COMPANY A. Scott Ritchie
125 N. Market, Suite 950
Wichita, KS 67202
FARM DELZEIT NO. 1

SEC. 13 T. 11S R. 32W
LOC. SW NE SE

RIG. NO. 2
TOTAL DEPTH 4650'
COMM. 6-22-85 COMP. 7-4-85

COUNTY Logan
KANSAS



CONTRACTOR Murfin Drilling Company
250 N. Water, Suite 300
Wichita, KS 67202

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CASING

20 10
15 8 -5/8" csg set @ 304' w/225 sx 60-40 Pozmix, ELEVATION
12 6 3% CC, 2% gel.
13 5
4-1/2" csg set @ 4649' w/225 sx 60-40 Pozmix, 10% salt.

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

Sand & Clay	220'
Shale	304'
Sand & Shale	2504'
Anhydrite	2534'
Shale & Shells	2630'
Shale & Sand	2910'
Shale	3435'
Shale & Lime (RTD)	4650'

**PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL**

OCT 11 1985
State Geological Survey
WICHITA BRANCH

RECEIVED
STATE CORPORATION COMMISSION

AUG 30 1985

CONSERVATION DIVISION
Wichita, Kansas