

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 # 8925
name Liberty Operations & Completions
address 308 West Mill
City/State/Zip Plainville, Ks 67663

Operator Contact Person Charles G. Comeau
Phone 913-434-4686

Contractor: license # 5665
name Pioneer Drilling Company, Inc.

Wellsite Geologist Kevin Adams
Phone 913-628-6698

PURCHASER

Designate Type of Completion

New Well Re-Entry Workover

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

If OWWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable

7-27-84 8-04-84 8-04-84
Spud Date Date Reached TD Completion Date

3410'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 13 3/8" @ .84' feet
8 5/8" @ 1259'

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 - 163,22,444-00-00

County Rocks

SW SE NE Sec 18 Twp 7S Rge 17 East
(location) X West

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

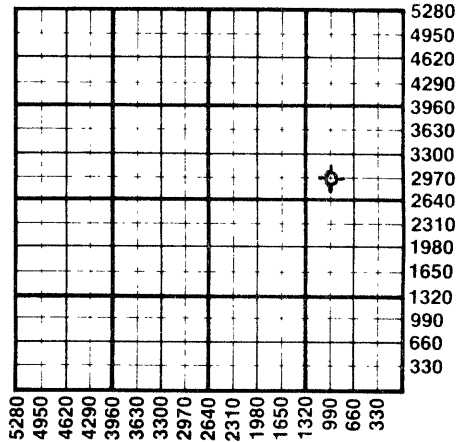
Lease Name Dix Well# 1

Field Name

Producing Formation

Elevation: Ground 1811' KB 1816'

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... 2970... Ft North From Southeast Corner and
(Stream, Pond etc.)... 2475... Ft West From Southeast Corner
Sec 18 Twp 7S Rge 17 East West

Other (explain) (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.

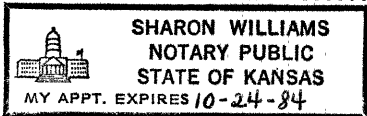
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 Charles G. Comeau
Title Petroleum Geologist
Date 8-8-84

Subscribed and sworn to before me this 8th day of August 19 84

Notary Public Sharon Williams
Date Commission Expires Sharon Williams



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. 18 Twp. 7S Rge. 17W

SIDE TWO

Operator Name Liberty Operations & Completions, Inc. Lease Name Dix Well# 1 SEC 18 TWP 7s RGE 17 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

LOG TOPS

Anhydrite 1248 (+568)
 Base/Anhydrite 1284 (+532)
 Topeka 2758 (-942)
 Heebner 2967 (-1151)
 Toronto 2994 (-1178)
 Lansing 3012 (-1196)
 Base/KC 3240 (-1424)
 Arbuckle 3362 (-1546)

DRILLSTEM TEST #1

3242-3310 (Conglomerate); Times: 30-30-30-30; Blow: IF - strong, built to 8" in 3 minutes, then slowly decreased to 7"; FF - no blow, flushed, good surge, no return blow; Pressures: IF 99-99, FF 99-99, SI 879-1007; Recovery: 100' drilling mud.

DRILLSTEM TEST #2

3368-3376 (Arbuckle); Times: 30-30-30-30; Blow: IF - strong, built to 18" in 3 minutes, FF - strong, built to 18" in 2 minutes, bled off initial shut in, no return blow; Pressures: IF 990-1019, FF 1089-1109, SI 1099-990; Recovery: 2458' salt water.

Name	Top	Bottom
sand and shale	0'	85'
shale and sand	85'	385'
shale and sand	385'	434'
shale and sand	434'	962'
shale	962'	1250'
anhydrite	1250'	1252'
anhydrite	1252'	1260'
anhydrite	1260'	1284'
shale and sand	1284'	1633'
shale and lime	1633'	2060'
shale and lime	2060'	2321'
shale and lime	2321'	2434'
shale and lime	2434'	2648'
lime and shale	2648'	2800'
lime and shale	2800'	2845'
lime and shale	2845'	2966'
lime and shale	2966'	3079'
lime and shale	3079'	3157'
lime and shale	3157'	3266'
lime and shale	3266'	3310'
lime and shale	3310'	3362'
lime and shale	3362'	3376'
arbuckle	3376'	3398'
arbuckle	3398'	3410'
	3410'	R.T.D.

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
Conductor String	17. 1/4"....	13. 3/8"....	54#....	84'	60-40pos	90	3%cc 2%gel
Surface Casing	12. 1/4"....	8. 5/8"....	24#....	1259'	60-40pos	375	3%cc 2%gel
" "	" "	" "	" "	" "	Quickset	75	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth

TUBING RECORD			Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No	
size	set at	packer at		

Date of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)			

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

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION open hole perforation other (specify) _____

Dually Completed. Commingled

PRODUCTION INTERVAL _____