

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 # 6033
Name Murfin Drilling Company
Address 250 North Water
Suite 300
City/State/Zip Wichita, Kansas 67202

Purchaser Clear Creek & KP&L

Operator Contact Person P.J. Corey
Phone 316-267-3241

Contractor: License # 6033
Name Murfin Drilling Company

Wellsite Geologist Steve Dixon
Phone 262-0135

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
3-15-85 3/27/85 4/22/85
Spud Date Date Reached TD Completion Date
5423' 5296'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1114 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. 15-025-20,890-00-00
County Clark County
N/2 SE SW Sec 4 Twp 30S Rge 25W West

990 Ft North from Southeast Corner of Section
3300 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

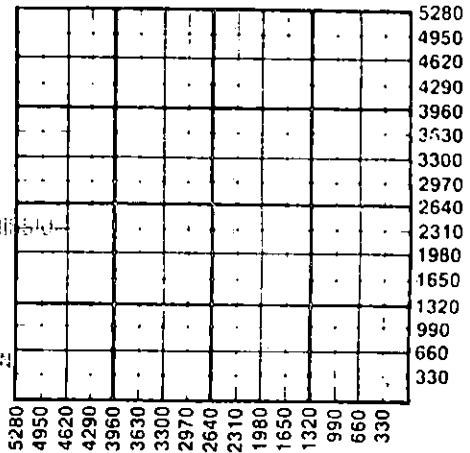
Lease Name Norton Well # 1-4

Field Name Norcan East

Producing Formation Morrow

Elevation: Ground 2573' KB 2582'

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
5-16-85
MAY 16 1985
CONSERVATION DIVISION
Wichita Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

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

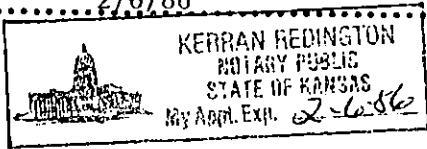
Source of Water:
Division of Water Resources Permit #
 Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge East West
 Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec Twp Rge East West
 Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in 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. Rule 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 By: P.J. Corey
Eastern Div., Prod. Manager 5/15/85
Title Date

Subscribed and sworn to before me this 15 day of May 1985
Notary Public Kerran Redington
Date Commission Expires 2/16/86



K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

MS 8-6-85

SIDE TWO

Operator Name Murfin Drilling Company Lease Name Norton Well # 1-4

Sec. 4 Twp. 30S Rge. 25W East West
 County Clark County, Kansas

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
Heebner	4376'	
Toronto	4400'	
Lansing	4492'	
Stark	4884'	
Cherokee	5184'	
Atoka	5262'	
Morrow Sh.	5294'	
Miss	5312'	

RELEASED

AUG 07 1986

FROM CONFIDENTIAL

Prod. Csg.: 5 1/2" - 15.5# set at 5416' w/25 sx. Class A w/10% salt, 3/4% CFR-2 + 80 sx. 50-50 Pozmix w/2% gel, 10% salt, 3/4% CFR-2 & 6#/sx. gilsonite + 60 sx. same w/1/2 gal. latex/sx.

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
Surface	12-1/4"	8-5/8"	24#	1114'	Lite	450	2% Gel 3% CC
prod. - see above					Common	150	3% CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	5288-93'			Frac. w/3000 gal. gelled diesel fuel PAD		5288-93'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Size <u>2 3/8"</u> Set At <u>5258'</u>		Packer at			
4/20/85		Producing Method <input checked="" 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	Gas-Oil Ratio	Gravity		
	66	145 MCF	---	---	---		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation 5288-93'
 Sold Other (Specify)
 Used on Lease Dually Completed
 Conningled