

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION

LL COMPLETION OR RECOMPLETION FORM ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 9963
name CRUDE RECOVERY CORPORATION
address 1650 Georgetown, Suite 200
City/State/Zip Wichita, KS 67218

Operator Contact Person Vern Brungardt
Phone 316-681-3601

Contractor: license # 4049
name DYNASTY DRILLING CORP.

Wells Geologist Mac Armstrong
Phone 316-722-5141

PURCHASER

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

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

If ☐ old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable

12-26-85 1-25-85 3-13-85
Spud Date Date Reached TD Completion Date

3946 3500
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 262.64 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

15-185-22140
API NO. 15-185-22160

County Stafford

28-23-15N
NW NE SW Sec 22 Twp 12 Rge West

1910' Ft North from Southeast Corner of Section
4040' Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

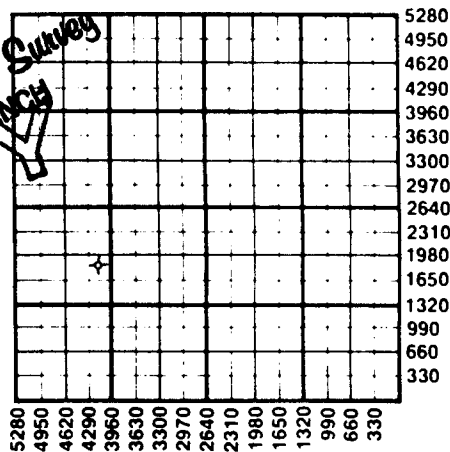
Lease Name HAGER Well# 1

Field Name Bedford

Producing Formation

Elevation: Ground 1861 KB 1869

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit # T84-1023

☒ Groundwater 1900' Ft North From Southeast Corner and
(Well) 1450' Ft. West From Southeast Corner of
Sec 28 Twp 23 Rge 12 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 #

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.

SIDE TWO

Operator Name CRUDE RECOVERY CORP. Lease Name HAGER Well# 1 SEC. 28 TWP. 23 RGE. 12 ☐ 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

DST #1 3441-3471 30-30-30-30 v ulk BLW, no BLW Rec
70' DM ISIP not valid IFP not valid FSIP 350
FFP 87-87

DST #2 3791-3840 30-30-30-30 No BLW Rec, 10' DM
ISIP 75-112 IFP 37-50 FFP 37-75

Name	Formation Description	
	☒ Log	☐ Sample
	Top	Bottom
Heebner	3237	3274
Douglas	3274	3380
BRW Lime	3380	3408
Lsg	3408	3671
B/KC	3671	3671
Cong	3694	3731
Viola	3734	3793
Smp Sh	3793	3820
Smp Snd	3820	3858
Arb.	3858	
TD	3946	

COPY

APR 09 1985
State Geological Survey
WICHITA BRANCH

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.....	262-64.....	Poz-Mix...	..200.....	2% GEL 3% CaC

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