SIDE ONE

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 # KCC 9500
name Nova Petroleum Corporation
address P.O. Box 11630
City/State/Zip Salt Lake City, Utah 84147

Operator Contact Person Warren Siebold
Phone 303-690-9532

Contractor: license # 5302
name Red Tiger Drilling Company

Wellsite Geologist Robert S. Eaton
Phone 303-573-5222/986-9999
PURCHASER Total Petroleum, Inc.

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

API NO. 15 - 147-20,447-00-00

County Phillips

SW/4 NW/4 SE/4 (location) Sec. 36 Twp. 1S Rge. 19 ☐ East XX West

1650 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

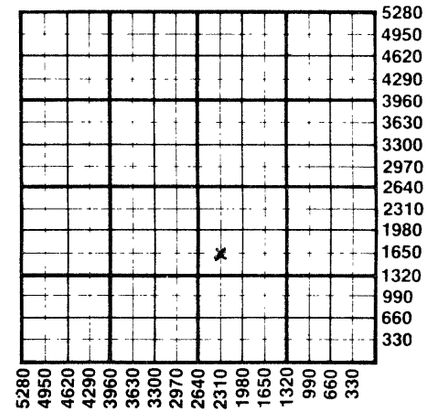
Lease Name Jackson Well# 1

Field Name Huffstutter

Producing Formation Lansing Kansas City

Elevation: Ground 2243' **KB** 2248'

Section Plat



WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable

6-19-84	6-24-84	7-25-84 KCC-REC
Spud Date	Date Reached TD	Completion Date
3672'	3651'	
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 254.20 feet

Multiple Stage Cementing Collar Used? XX Yes ☐ No

If Yes, Show Depth Set 1849' feet

If alternate 2 completion, cement circulated
from 1849 feet depth to GL w/ 475 SX cmt

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 Sourtheast 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. Logs are forthcoming.

RECEIVED
STATE CORPORATION COMMISSION
AUG 08 1984
CONSERVATION DIVISION
Wichita, Kansas

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 M. E. Carr
Title Consulting Engineer Date 8/6/84

Subscribed and sworn to before me this 6th day of August 19 84

Notary Public Kathleen Shaffer
Date Commission Expires Nov. 21, 1987 Kathleen Shaffer

GENERAL NOTARY - State of Nebraska
KATHLEEN SHAFFER
My Comm. Exp. Nov. 21, 1987

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. 36 Twp. 1 Rge. 19W

Form ACO-1 (7-84)

JUN 28

SIDE TWO

Operator Name Nova Petroleum, Corp. Lease Name Jackson Well# 1 SEC 36 TWP 1S RGE 19 ☐ 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
surface clay & sand	0	265
shale & cement	265	408
shale	408	1645
sand & shale	1645	1820
anhydrite	1820	1845
redbed	1845	1930
redbed & lime streaks	1930	2163
shale & lime streaks	2163	2471
lime & shale	2471	2655
lime	2655	3058
lime & shale	3058	3124
lime	3124	3672
RTD		3672

Acid, Fracture, Shot, Cement Squeeze Record

Amount and Kind of Material Used	Depth
250 gals. 15% MCA acid	3579-84, 3557-61, 3509-14, 3501-03, 3483-87, 3465-70
Retreated with 28% NE acid with 1 gal. Clay-sta, 75# Benzoic flakes, 500 gals. 2% KCl water with 1 gal. Clay-sta and 1 gal. demulsifier.	3579-84, 3557-61
Retreated with 1250 gals. 28% NE acid, 100# plugging material, 500 gal. treated overflush.	3509-14, 3501-03, 3483-87

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"	24#	262'	common	175	2% gel/3% cc
production	7 7/8"	4 1/2"	10.5#	3671'	1st stage 60/40 poz	200	2% gel/10% salt 75% CFR-2/25% D-Air
					2nd stage HLC	475	7# gilsonite/¼# floseal

PERFORATION RECORD

shots per foot	specify footage of each interval perforated
2 JHPF	3622'-30', 3579'-84', 3557'-61', 3509'-14', 3501'-03', 3483'-87', 3465'-70'

Acid, Fracture, Shot, Cement Squeeze Record

(amount and kind of material used)	Depth
see above	

TUBING RECORD size 2 3/8" set at 3590' packer at ------ Liner Run ☐ Yes ☒ No

Date of First Production | Producing method ☐ flowing ☒ pumping ☐ gas lift ☐ Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	2.28 Bbls	------ MCF	13.32 Bbls	------ CFPB	------

Disposition of gas: ☐ vented ☐ sold ☐ used on lease

METHOD OF COMPLETION
☐ open hole ☒ perforation
☐ other (specify)
☐ Dually Completed.
☐ Commingled

PRODUCTION INTERVAL
3579'-84', 3557'-61', 3509'-14', 3501'-03' 3483'-87', 3465'-70'