

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

ORIGINAL

API NO. 15- 179-21,048 -0000

County Sheridan

C S/2 - NE - NE Sec. 23 Twp. 9 Rge. 26 X W

4290 Feet from SW (circle one) Line of Section
660 Feet from EW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Pfeifer Well # 5

Field Name EPLER
Disposal Cedar Hills
~~Producing~~ Formation

Elevation: Ground 2651' KB 2656'

Total Depth 2375' PBT 2345'

Amount of Surface Pipe Set and Cemented at 247 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 2375'

feet depth to surface w/ 350 sx cmt.

Drilling Fluid Management Plan ALT 2 RW 11-23-92
(Data must be collected from the Reserve Pit)

Chloride content 3000 ppm Fluid volume 120 bbls

Dewatering method used natural dehydration

Location of fluid disposal if hauled offsite:

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

Operator: License # 9482

Name: National Petro. Reserves, Inc.

Address 250 N. Rock Rd., Suite #340

City/State/Zip Wichita, KS 67206

Purchaser: _____

Operator Contact Person: Ted C. Bredehoft

Phone (316) -681-3515

Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: None

Designate Type of Completion
_____ New Well _____ Re-Entry _____ Workover

_____ Oil X SWD _____ SIOW _____ Temp. Abd.
_____ Gas _____ ENHR _____ SIGW
_____ Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD
_____ Plug Back _____ PBT
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____

9/18/92 9/20/92 10/3/92
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 260 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 [Signature]
Title President Date 10-15-92

Subscribed and sworn to before me this 15 day of October, 19 92.

Notary Public [Signature]

Date Commission Expires 5-13-93

SUSAN E. BREDEHOFT
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 5-13-93

SUSAN E. BREDEHOFT
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 5-13-92

K.C.C. OFFICE USE ONLY
F _____ Letter of Confidentiality Attached
C _____ Wireline Log Received
C _____ Geologist Report Received
RECEIVED
STATE CORPORATION COMMISSION
Distribution
KCC _____ SWD/Rep _____ NGPA
KGS _____ Plug _____ Other _____
(Specify)
OCT 16 1992
10-16-92
CONSERVATION DIVISION
Wichita, Kansas
Form ACO-1 (7-91)

P1

Operator Name National Petroleum Reserves, Inc. Lease Name Pfeifer Well # 5

Sec. 23 Twp. 9S Rge. 26 East West County Sheridan

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	2296	+360
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Base/Anhydrite	2330	+326
List All E.Logs Run:				

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"	20#	247	standard	160	2%gel 3%cc
Casing	7 7/8"	5 1/2"	14#	2374'	60/40 poz	350	2%gel 10%salt

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Record Depth
2	2040-2070	none	

TUBING RECORD	Size 2 7/8"	Set At 2014	Packer At 2000	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 10-3-92	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> gravity feed <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water 150 Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____