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JAN 28 2002

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

KCC WICHITA WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

CONFIDENTIAL

Operator: License # 9482  
Name: National Petroleum Reserves, Inc.  
Address: 250 N. Rock Rd. Ste. 130  
City/State/Zip: Wichita, KS 67206  
Purchaser: S.T.G.

Operator Contact Person: T.C. Bredehoff  
Phone: (316) 681-3515

Contractor: Name: Sterling Drilling #4  
License: \_\_\_\_\_

Wellsite Geologist: Ken LeBlanc

Designate Type of Completion:

New Well  Re-Entry  Workover  
 Oil  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: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back  Plug Back Total Depth  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)  Docket No. \_\_\_\_\_

12/18/01 1/4/02 1/17/02  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 007-226940000  
County: BARBER

NE-NE-SW NE/4 Sec. 31 Twp. 31 S. R. 12  East  West

1530 feet from S /  N (circle one) Line of Section  
1430 feet from  E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one)  NE  SE  NW  SW

Lease Name: HALL Well #: 2

Field Name: Wildcat

Producing Formation: Simpson Sand

Elevation: Ground: 1528 Kelly Bushing: 1537

Total Depth: 4509.5 Plug Back Total Depth: -

Amount of Surface Pipe Set and Cemented at 337' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan ALT 1 DPW 4-02-02  
(Data must be collected from the Reserve Pit)

Chloride content 3,000 ppm Fluid volume 320 bbls

Dewatering method used hauled to SWD

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: Bemco

Lease Name: Mac License No.: 5435

Quarter \_\_\_\_\_ Sec. 7 Twp. 32 S. R. 11  East  West

County: Barber Docket No.: CD-78217

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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: 1/25/02

Subscribed and sworn to before me this 25<sup>th</sup> day of January

19 2002

Notary Public: [Signature]

Date Commission Expires: 5-13-05

SUSAN E. BREDEHOFF  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 5-13-05

KCC Office Use ONLY  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: National Petroleum Reserves, Inc. Lease Name: Hall MAR 07 2003 Well #: 2

Sec. 31 Twp. 31 S. R. 12 [ ] East [X] West County: Barber

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INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken [X] Yes [ ] No (Attach Additional Sheets)

Samples Sent to Geological Survey [X] Yes [ ] No

Cores Taken [ ] Yes [X] No

Electric Log Run [X] Yes [ ] No (Submit Copy)

List All E. Logs Run: CNDL/PE/GR/DI BAND LOG

Table with columns: Log, Formation (Top), Depth and Datum, Sample. Rows include Kanwaka Sh, Heebner Sh, Lansing, Miss Chert, Viola, T.D.

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CASING RECORD table with columns: 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. Rows for Surface and Production.

ADDITIONAL CEMENTING / SQUEEZE RECORD table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

PERFORATION RECORD - Bridge Plugs Set/Type table with columns: 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), Depth.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run, Date of First, Resumed Production, SWD or Enhr., Producing Method, Estimated Production Per 24 Hours, Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity.

Disposition of Gas METHOD OF COMPLETION Production Interval [ ] Vented [ ] Sold [X] Used on Lease [X] Open Hole [ ] Perf. [ ] Dually Comp. [ ] Commingled [ ] Other (Specify)

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MAR 07 2003

DST 1) 3628-3640 (Lower Douglas Sand)

Times: 30-30-45-60

FROM CONFIDENTIAL

1st open: fair blow building to BOB in 2½ minutes, NO GAS TO SURFACE  
(NO BLOWBACK)

2nd open: fair blow building to BOB in 2 minutes, NO GAS TO SURFACE  
(NO BLOWBACK)

Rec: NO GAS IN PIPE

120' Mud with a few spots of oil

120' Total Fluid

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Alpine (---RECORDERS  
(electronic)

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IHYD: 1805 psi  
IFP: 43-53 psi  
IBHP: 791 psi  
FFP: 62-79 psi  
FBHP: 900 psi  
FHYD: 1789 psi

TEMP: 109 degrees F

Tester: Gene Budig, Superior Testing Company, Great Bend, Kansas

Note: conventional DST (dual packers, jars, safety joint, electronic recorders)  
NO bottom sampler or circulating sub  
Mechanical Chart run-NOT Interpreted

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DST 2) 4484-4509 (Simpson Sand)

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MAR 07 2003

Times: 30-30-30-60

FROM CONFIDENTIAL

1st open: fair blow building to BOB in 3½ minutes, NO GAS TO SURFACE  
(NO BLOWBACK)

2nd open: good blow building to BOB in 30 seconds, Gas to Surface 8 minutes  
(BLOWBACK ??)

	<u>time</u>	<u>orifice</u> (Merla)	<u>Inches of</u> <u>Water</u>	<u>volume</u>
2nd open:	10"	1/4 inch	05 in.	3.710 MCFG
	20"	1/4 inch	28 in.	8.890 MCFG
	30"	1/4 inch	30 in.	9.200 MCFG

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\*\* - Did NOT take gas sample

Rec: 110'	Clean Gassy Oil (100% oil)	
60'	Very Slightly Mud Cut Gassy Oil	
120'	Oil & Gas Cut Mud	(13% gas, 15% oil, 72% mud, 0% water)
60'	Oil & Gas Cut Mud	(10% gas, 08% oil, 82% mud, 0% water)
350'	Total Fluid	

Oil Gravity - 40 degrees

Alpine (---RECORDERS  
(electronic)

IHYD: 2211 psi  
 IFP: 50-95 psi  
 IBHP: 1650 psi  
 FFP: 79-131 psi  
 FBHP: 1660 psi  
 FHYD: 2160 psi

TEMP: 124 degrees F

Tester: Gene Budig, Superior Testing Company, Great Bend, Kansas

Note: conventional DST (dual packers, safety joint, jars, electronic recorders)  
NO bottom sampler or circulating sub  
Mechanical Chart run-NOT Interpreted

MAR 07 2003



INVOICE NO.	FROM CONFIDENTIAL FIELD ORDER 4344		
Date 12-18-01	Lease HALL	Well # 2	Legal 31-31S-12W.
Customer ID	County BARBER	State Ks	Station PRATT
CHARGE NATIONAL PETROLEUM RES.	Depth	Formation	Shoe Joint IS CUSTOMER REQ.
	Casing 8 5/8	Casing Depth 348.80	TD 350
	Customer Representative Daryl KRISER	Treater T. SEBA	Job Type SURFACE NEW WELL

AFE Number	PO Number	Materials Received by X Daryl Kriser
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-203	230 SKS	60/40 Poz ✓				
C-310	594 lbs	Calcium Chloride ✓				
C-195	50 lbs	CELLULose ✓				
F-143	1 EA	WOODEN PLUG 8 5/8 ✓				
R-701	1 EA	CEMENT HEAD RENTAL				
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E-107	230 SKS	CEMENT SERV. CHARGE				
E-100	30 MF	UNITS 1 way MILES 30				
E-104	297 TM	TONS MILES				
R-201	1 EA	EA. 348. PUMP CHARGE				
		DISCOUNTED PRICE -		3,305.40		
		4 T XBS				

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MAR 07 2003

TREATMENT REPORT

FROM CONFIDENTIAL



Customer ID/IB/I	Date
Customer N.P.R.	12-18-01
Lease HALL	Lease No.
	Well # 2

Field Order # 4344	Station PRATT	Casing 8 5/8	Depth 348' 30"	County BARBER	State KS
Type SURFACE	NEW WELL	Formation	Legal Description S1-S1S-12W		

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft.		230 SKI 60/40 POC		RATE	PRESS	ISIP
Depth 348.30	Depth	From	To	Pre-Pad 20% GEL 3% CL	Max			5 Min.
Volume	Volume	From	To	Pad 1/4" CELLULOSE	Min			10 Min.
Max Press	Max Press	From	To	Frac 14.7 #/GAL 1.25M <sup>3</sup>	Avg			15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative DARYL KREMER	Station Manager D AULTRY	Treater TISEDA
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Service Units	108	35	57	39	71
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:00					CALLED OUT
12:00					RECEIVED ON LOC W/ TRK'S
					JAN 28 2003 SAFETY MTG
					KCC WICHITA
					RUN BIT'S 23" 8 5/8 CSG
1:15					START CSG
2:00					CSG. ON BOTTOM
					Hook up TO CSG
2:15					BREAK CORE W/ REG
2:32	125		10	4.5	START PUMPING
	150			4.5	START MIX CMT 14.7 #/GAL
					FURNISHED MIX
2:46			51.2		SHUT DOWN
					RELEASE PLUG
2:49	125			4	START DISP
			21.2		PLUG DOWN
2:55	100				CLOSE VALVE ON CSG
					GOOD CORE THEN JOBS
					CORE CMT TO SURFACE ✓
					JOBS COMPLETE THANKS BOB



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FIELD ORDER

04154

INVOICE NO.  
Date 1-3-02  
Customer ID

Subject to Correction  
Lease Hall  
County Barber  
Well # 2  
State KS  
Legal 31-31s-12w  
Station Pratt KS

CHARGE

National Pet Res RECEIVED  
JAN 28 2002  
Depth Formation TP=4509' 10.5 pph Shoe Joint 12.28  
Casing 4 1/2 Casing Depth 4504 TD 4509 Job Type Long String Low Well  
Customer Representative Chuck Schmidt Treater D. Scott

KCC WICHITA

AFE Number PO Number

Materials Received by X *[Signature]*

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D205	130 ski	AA-2 Common	✓			
D203	25 ski	60140 90z Common	✓		RELEASED	
C196	71 lbs	FLA-322	✓		MAR 07 2003	
C223	770 lbs	Salt fine	✓			
C243	15 lbs	Defoamer	✓		FROM CONFIDENTIAL	
C322	750 lbs	Gilsonite	✓			
C313	106 lbs	Gas Blok	✓			
C302	500 gal	mud plus	✓			
F100	5 ea	Centralizers 4 1/2 in	✓			
F150	1 ea	L.D. Plug & Baffle 1 1/2	✓			
F230	1 ea	Cmt PKR Shoe 1 1/2	✓			ORIGINAL
F800	1 ea	Threadlock	✓			
						KCC
						JAN 25 2002
						CONFIDENTIAL
E107	175 ski	Cmt Serv Chg				
E100	1 ea	UNITS 1 way MILES 30				
E104	245 tm	TONS 1 way MILES 30				
R210	1 ea	EA 4501-5000 PUMP CHARGE				
R701	1 ea	Cmt Head Rental				
		Discounted Price =		7494.47		



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TREATMENT REPORT 04098  
CONTINUED RELEASED

Customer ID	Date
Customer National Ac Res	1-3-02 MAR 07 2003
Lease	Lease No. Well # FRONT CONFIDENTIAL
Field Order # 04134	Station Pratt KS
Casing 4 1/2	Depth 4305
County Barber	State KS

Type Job: Long string New well  
Formation: [Blank]  
Legal Description: 31-315-12w

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Acid	Rate	Press	ISIP
4 1/2	PBTD			150 ski AA-2		2500	
Depth 4497	Depth PBTD	From	To	Pre Pad 36 FLA-322 5 1/2 G	Max		5 Min.
Volume 71.5	Volume	From	To	Pad .1 Deaerater 10% Salt	Min		10 Min.
Max Press 2500	Max Press	From 25 skt	To 60/40	Pre .75 Gas Block 1.44	Max 15.0 ppg		15 Min.
Well Connection	Annulus Vol.	From	To	38.4 Bbl's SL	HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush 500 gals M.F.	Gas Volume		Total Load

Customer Representative: Chuck Schmidt Station Manager: D. Aurry Treater: D. Scott

Service Units	106	35	57	38	72
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0300					On loc w/ Trk's Safety mtg PKR shoe on bottom S.J. Baffle Top Cent 1-2-3-6-7 Csg on Bottom Break Circ w/ Rig Set PKR shoe w/ Rig + Cont. Circ. Rig up Trk's
1111	300		5	6	H2O Spacer
1113	300		12	6	St mud flush
1116	300		5	6	H2O Spacer
1118	400		38.4	6.2	Mix + pump cont 15.0 ppg 150 ski
1130			10		Shut Down + wash pump + line
1132	100			7.5	Release Plug + St Disp w/ H2O
1139	400		50	7.0	lifting cont 58 Bbl's out
1144	1500		71.5	0	Plug Down + psi Test Csg
1146				0	Release psi Held Good Circ During Job Plug R.H. + M.H. 25 ski P02
					Job Complete Thank you Scotty