

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

Operator: License # 9482
Name: Nat'l Petro. Reserves, Inc.
Address 250 N. Rock Rd., Suite #340
City/State/Zip Wichita, KS 67206
Purchaser: _____
Operator Contact Person: Ted C. Bredehoff
Phone (316) -681-3515
Contractor: Name: Emphasis Oil Operations
License: 8241
Wellsite Geologist: Dan Deboer

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: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
2/17/93 2/26/93
Spud Date Date Reached TD Completion Date

API NO. 15-179-21,063-00-00
County Sheridan ORIGINAL
C NW - NW - Sec. 21 Twp. 9S Rge. 27 X
660 Feet from S/M (circle one) Line of Section
660 Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Whitmer Well # 1
Field Name W.C.
Producing Formation D&A
Elevation: Ground 2740' KB 2745'
Total Depth 4175' PBTB _____
Amount of Surface Pipe Set and Cemented at 319 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
(Data must be collected from the Reserve Pit)
Chloride content 14,000 ppm Fluid volume 180 bbls
Dewatering method used Natural Dehydration
Location of fluid disposal if hauled offsite: _____
Operator Name RELEASED
Lease Name _____ License No. APR 28 1994
Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W
County Sheridan FROM CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 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 Ted C. Bredehoff
Title President Date 4/15/93
Subscribed and sworn to before me this 15 day of April
19 93
Notary Public T.C. Bredehoff, II
Date Commission Expires 6-30-95

T. C. BREDEHOFF, II
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 6/30/95

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
STATE CORPORATION COMMISSION
Distribution
 KCC SWD/Rep
 KGS Plug
RECEIVED
04-16-1993
APR 16 1993
(Specify)
CONSERVATION DIVISION
Wichita, Kansas

Operator Name Nat'l Petro. Reserves, Inc. Lease Name Whitmer Well # 1

Sec. 21 Twp. 9S Rge. 27
 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 Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)
 List All E.Logs Run: R/A Guard

Name	Formation (Top), Depth and Datum		Sample
	Top	Datum	
Anhydrite	2348	(+397)	
Topeka	3637	(-892)	
Heebner	3848	(-1103)	
Toronto	3870	(-1125)	
Lansing	3880	(-1135)	
Stark	4072	(-1327)	
Base/KC	4116	(-1371)	

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	319'	POZ	195	2%gel 3%cc

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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 _____

ORIGINAL

Whitmer #1 Drill Stem Tests

APR 15
CONFIDENTIAL

DST #1 3898-3935 30-30-30-30 rec: 5' oil spotted mud
show oil in tool; FP's 55-55, 55-64 SIP's 144-144 bht 111°

DST #2 3946-3965 30-30-30-30 rec: 650' V S1 OCW 800' clean
Salt water; FP's 89-390, 445-645 SIP's 1152-1152 Bht 119°

DST #3 4026-4078 15-15-15-15 rec: 15' mud NS; FP's 78-78
78-89 SIP's 89-100 Bht 119°

RELEASED

APR 28 1994

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

APR 16 1993

CONSERVATION DIVISION
Wichita, Kansas

DISTRICT Hays KS DATE 2-18-93

TO: **HALLIBURTON SERVICES** YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: National Petroleum Reserves Inc (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1 LEASE Whitmer SEC. 21 TWP. 9S RANGE 27W
FIELD SE HAYKS COUNTY Sheridan STATE KS OWNED BY National Petr. Res.

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
PACKER: TYPE _____ SET AT _____
TOTAL DEPTH 332 MUD WEIGHT APR 15
BORE HOLE 12 1/4 **CONFIDENTIAL**
INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF
PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING		<u>20</u>	<u>8 5/8</u>	<u>KB</u>	<u>302</u>	
LINER						
TUBING						
OPEN HOLE			<u>12 1/4</u>	<u>KB</u>	<u>332</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED _____
Cement Surface Casing w/ 19.5 sks 60/40 Poz w/ 2 1/2 gal & 3% CC as directed

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.

b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:

- Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term, "well owner" shall include working and royalty interest owners.
- Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
- Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.

d) That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is caused by the negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such loss or damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.

f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act to the extent permitted by law.

g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.

h) That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

FROM CONFIDENTIAL

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED Jack D. Fry CUSTOMER

DATE 5-18-93

TIME 0345 (A.M.) P.M.

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

CUSTOMER

RECEIVED
APR 16 1993
CONSERVATION DIVISION
Whitmer, Kansas



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ORIGINAL

FORM 1908 R-7

A Division of Halliburton Company

ATTACH TO INVOICE & TICKET NO. 310037

DISTRICT Pratt

DATE 2/2/93

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Mutual Petroleum Resources (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1 LEASE Whitmer SEC. 21 TWP. 9 RANGE 27 FIELD COUNTY Sheridan STATE KS. OWNED BY Same

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME TYPE FORMATION THICKNESS FROM TO PACKER: TYPE SET AT TOTAL DEPTH 4175 MUD WEIGHT BORE HOLE INITIAL PROD: OIL BPD, H2O APR 15 BPD, GAS MCF PRESENT PROD: OIL BPD, H2O BPD, GAS MCF

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW. P.S.I. Rows include CASING, LINER, TUBING, OPEN HOLE, PERFORATIONS.

PREVIOUS TREATMENT: DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED Plug in Abandon with 190SR, 60/40 Pw, 0% CL 37.5C 25.5P @ 2360' 100 P. @ 1500' 40 R @ 370 10.5 P 40' - 15.2 R @ 16.5 H. K

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

- As consideration, the above-named Customer agrees. THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. b) To defend, indemnify, release, and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for 1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners. 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof. 3. Personal injury or death or property damage (including, but not limited to, damage to the reservoir formation or well) or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. The defense and indemnity, release, and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. This term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent, and affiliated companies, and the officers, directors, employees, agents and servants of all of them. c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton personnel. We use the best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information. d) That Halliburton warrants only title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action, whether in contract, tort, breach of warranty or otherwise arising out of the sale or use of any products, supplies or materials, is expressly limited to the replacement of such products, supplies or materials, to their return to Halliburton or at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages. e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the course of its operations, the cost of repairs, unless such damage is caused by the sole negligence of Halliburton, in the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for the replacement cost of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the negligence of Halliburton. f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law. g) That this contract shall be governed by the law of the state where services are performed or materials are furnished. h) That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

FROM CONFIDENTIAL

SIGNED [Signature] CUSTOMER

DATE

TIME A.M. P.M.

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

CUSTOMER

RECEIVED APR 16 1993 CONSERVATION DIVISION Wichita, Kansas

APR 28 1994



HALLIBURTON SERVICES

A Halliburton Company

ORIGINAL

INVOICE

INVOICE NO.	DATE
222774	02/10/93

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
WHITNER 1		SHERIDAN		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
OBERLIN	EMPHASIS DRUG	CEMENT SURFACE CASINGS		02/10/93	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILI
623541	JACK D. FOX			COMPANY TRUCK	4

NATIONAL PETROLEUM RESERVES
250 N. ROCK RD.
SUITE 340
WICHITA, KS 67206

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

APR 15

CONFIDENTIAL

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - EASTERN AREA					
000-117	MILEAGE	35	MI	2.75	96.25
		1	UNT		
001-016	CEMENTING CASING	322	FT	555.00	555.00
		1	UNT		
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	6 5/8	IN	95.00	95.00
		1	EA		
504-308	STANDARD CEMENT	117	SK	7.87	920.79
505-105	POZMIX A	577.2	LB	.06	346.32
506-121	HALLIBURTON-GEL 2%	4	LD	.00	N/A
509-406	ANHYDROUS CALCIUM CHLORIDE	6	SK	28.25	169.50
500-207	BULK SERVICE CHARGE	207	CFT	1.25	258.75
500-306	MILEAGE CMTG MAT DEL OR RETURN	308.88	TMI	.05	262.44
INVOICE SUBTOTAL					2,704.11
DISCOUNT (BID)					676.00
INVOICE BID AMOUNT					2,028.11
* KANSAS STATE SALES TAX					71.00
* DECATUR COUNTY SALES TAX					14.00
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					2,113.11

RELEASED

APR 28 1994

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

APR 16 1993

CONSERVATION DIVISION
Wichita, Kansas

TERMS: INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

EMPHASIS OIL OPERATIONS
 A Division of N-B Company, Inc.
 P. O. BOX 506
 RUSSELL, KS 67665

ORIGINAL

DRILLERS LOG

OPERATOR: National Petroleum Reserves, Inc.
 250 N. Rock Rd., Suite #340
 Wichita, Kansas 67206

CONTRACTOR: Emphasis Oil Operations
 Box 506
 Russell, KS 67665

LEASE: Whitmer WELL #1

LOCATION: C NW NW
 Section 21-9S-27W
 Sheridan County, Kansas

LOGGERS TOTAL DEPTH: 4177'
 ROTARY TOTAL DEPTH: 4175'
 COMMENCED: 2/17/93
 CASING: 8-5/8" @ 319' w/195 sks cement

ELEVATION: 2745' K.B.
 COMPLETED: 2/26/93
 STATUS: Dry Hole

APR 15
 CONFIDENTIAL


DEPTHS & FORMATIONS

(All measurements from K.B.)

Dakota Sand	RELEASED	1220'	Shale & Lime	3725'
Shale		1260'	Lime	3870'
Sand	APR 28 1994	1970'	Shale & Lime	3935'
Shale		2130'	Lime & Shale	3965'
Anhydrite	FROM CONFIDENTIAL	2350'	Shale & Lime	4061'
Shale		2378'	R.T.D.	4155'

STATE OF KANSAS)
) ss
 COUNTY OF RUSSELL)


Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.

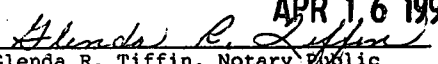

 Kyle B. Branum

Subscribed and sworn to before me on March 1, 1993.

My commission expires: February 6, 1996.

RECEIVED
 STATE CORPORATION COMMISSION


 GLENDA R. TIFFIN
 NOTARY PUBLIC
 STATE OF KANSAS
 MY APPT. EXPIRES 2-6-96

APR 16 1993

 Glenda R. Tiffin, Notary Public
 CONSERVATION DIVISION
 Wichita, Kansas