FORM MUST BE TYPED **CONFIDENTIAL** SIDE ONE **ORIGINAL**

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

Operator: License # 5506

Name: Woolsey Petroleum Corporation

Address: 107 N. Market, Suite 600

City/State/Zip: Wichita, Kansas 67202-1807

Purchaser: KPL / Texaco Trading & Transportation Inc

Operator Contact Person: I. Wayne Woolsey

Phone: (316) 267-4379

Contractor: Name: Eagle Drilling, Inc.

License: 5380

Wellsite Geologist: Mikeal K. Maune

Designate Type of Completion
X New Well ____ Re-Entry ____ Workover

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

If Workover:

Operator: n/a

Well Name:

Comp. Date: ____ Old Total Depth: ____

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

09/26/1995 Spud Date | 10/08/1995 Date Reached TD | 11/21/1995 Completion Date

API NO. 15- 007-224810000

County Barber

Apprx-C W2-E2-W2 Sec. 32 Twp. 33S Rge. 13W E/W

2630' FSL Feet from S/N (circle one) Line of Section

1720' FWL 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 Spriggs "A" Well # 3

Field Name

Producing Formation Mississippian

Elevation: Ground 1838' KB 1851'

Total Depth 5440' LTD PBTD 5385'

Amount of Surface Pipe Set and Cemented at 215' Feet

Multiple Stage Cementing Collar Used? ____ Yes XX No

If yes, show depth set ____ Feet

If Alternate II completion, cement circulated from n/a

feet depth to ____ w/ ____ sx cmt.

Drilling Fluid Management Plan ALT 1 JR 4-9-96
(Data must be collected from the Reserve Pit)

Chloride content 3,800 ppm Fluid volume ____ bbls

Dewatering method used Allow to dry; backfill within one year

Location of fluid disposal if hauled offsite:

Operator Name KCC APR 6 1998

Lease Name JAN 24 Licen[illegible]

____ Quarter Sec. 1 41 Twp. ____ S Rng. ____ E/W

County CONFIDENTIAL FROM Docket No. ____

RELEASED

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 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 Mark P. Stevenson

Title: Mark P. Stevenson, V.P. Operations Date: 01/24/96

Subscribed and sworn to before me this 24th day of January, 19 96.

Notary Public Debra K. Clingan
Debra K. Clingan

Date Commission Expires: March 4, 1998

DEBRA K. CLINGAN
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 3-4-98

K.C.C. OFFICE USE ONLY
F ✓ Letter of Confidentiality Attached
C ✓ Wireline Log Received
C ✓ Geologist Report Received

Distribution
✓ KCC ____ SWD/Rep ____ NGPA
____ KGS ____ Plug ____ Other (Specify)

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 26 1996
1-26-96
CONSERVATION DIVISION
WICHITA, KS

Form ACO-1 (7-91)

15-007-22481-0000

SIDE TWO

Operator Name: Woolsey Petroleum Corporation Lease Name Spriggs "A" Well # 3

Sec. 32 Twp. 33S Rge. 13W ☐ East ☑ West County Barber

CONFIDENTIAL ORIGINAL

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.) ☑ Yes ☐ No
See supplemental page
Samples Sent to Geological Survey ☐ Yes ☑ No
Cores Taken ☑ Yes ☐ No
Sidewall cores
Electric Log Run (Submit Copy.) ☑ Yes ☐ No

List All E.Logs Run:
Dual Induction - SFL Gamma Ray
Natural Gamma Ray Spectroscopy
Litho Density Compensated Neutron Natural Gamma Ray

☑ Log **Formation (Top), Depth and Datums** ☐ Sample

Name	Top	Datum
Chase	2238	(-387)
Onaga	3082	(-1231)
Heebner	4062	(-2211)
Douglas	4084	(-2425)
Synderville	4070	(-2219)
Lansing	4250	(-2399)
Lansing "B"	4283	(-2432)
Lansing "G"	4520	(-2669)
Marmaton	4742	(-2891)
Mississippian "C"	4796	(-2945)
Simpson	5259	(-3408)
Arbuckle	5402	(-3551)

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 #/ft	215'	60-40 poz	140 sx	Class A, 3% cc, 2% gel
Production	7-7/8"	4-1/2"	10.5 #/ft	5426'	Class H EAZ	175 sx	(1st stage)
					Class A	25 sx	(2nd stage)
					Class H EAZ	100 sx	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ 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)	Depth
2 SPF	4796 - 4840' (Mississippian)	3500 gal 15% HCL acid	both
2 SPF	4886 - 4912' (Mississippian)		
		20000# 1/2# & 12000 1# 100# mesh sand; 20000# 1#, 25000# 2#, 25000# 3# & 15000 4# 12/20 sand	both

KCC JAN 24 CONFIDENTIAL

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2.375"	4795'	n/a	☐ Yes ☑ No

Date of First, Resumed Production, SWD or Inj.	Producing Method
01/02/1996	☑ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
		-0-		350		7		

Disposition of Gas: METHOD OF COMPLETION Production Interval

☐ Vented ☑ Sold ☐ Used on Lease (If vented, submit ACO-18.)
☐ Open Hole ☑ Perf. ☐ Dually Comp. ☐ Commingled 4796' - 4912' O.A.
☐ Other (Specify) _____

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 26 1996
1-26-96
CONSERVATION DIVISION
WICHITA, KS

RELEASED
APR 6 1998
FROM CONFIDENTIAL

ORIGINAL

WOOLSEY PETROLEUM CORPORATION
107 North Market • Suite 600 • Wichita, Kansas 67202-1807
Phone: (316) 267-4379 • FAX: (316) 267-4383

SPRIGGS A-3
Appx C W2 E2 W2 Sec. 32-33S-13W
Survey: 2630' FSL & 1720' FWL
Barber County, Kansas

CONFIDENTIAL

API# 15-007-224810000
Elev: G.L. 1838'
K.B. 1851'
Spud: 09/26/95

RELEASED
APR 6 1998
FROM CONFIDENTIAL

DRILL STEM TESTS

DST #1 3598'- 3630' (Deer Creek) 30-60-30-120
1st op: Strong blow (btm of bucket in 2 min)
2nd op: Strong blow (btm of bucket in 2.5 min)
Rec: 95' MW (65% W) & 1740' sli gas cut SW

Field calcs:				Office calcs:			
IHP:	1758	FHP:	1749	*IHP:*	*1750*	*FHP:*	*1733*
IFP:	163-599	FFP:	629-929	*IFP:*	*178-591*	*FFP:*	*622-910*
ISIP:	1406	FSIP:	1411	*ISIP:*	*1399*	*FSIP:*	*1411*
BHT:	110° F						

Chls 31,000, 116,000; mud sys 4000.

DST #2 4126'- 4180' (Douglas) 30-60-30-60
1st op: Fair to strong, off btm of bucket in 21 min
2nd op: Strong blow off btm of bucket in 10 min
Rec: 250' GIP (faint odor) & 120' M

Field calcs:				Office calcs:			
IHP:	1986	FHP:	1975	*IHP:*	*1978*	*FHP:*	*1977*
IFP:	60-62	FFP:	60-62	*IFP:*	*71-69*	*FFP:*	*71-73*
ISIP:	1085	FSIP:	925	*ISIP:*	*1082*	*FSIP:*	*929*
BHT:	111° F						

Chls: 5000; mud sys 5000. Shut-ins still bldg on both periods.

KCC
JAN 24
CONFIDENTIAL

DST #3 4788'- 4850' (Mississippian "C") 30-60-60-240
1st op: Fair blow 2" to 11", wk blow during ISI 1/2"
2nd op: Fair to strong blow off btm of bucket in 23 min, no blow on FSI
Rec: 595' GIP & 25' M

Field calcs:				Office calcs (Alpine):			
IHP:	2298	FHP:	2281	*IHP:*	*2303*	*FHP:*	*2279*
IFP:	26-26	FFP:	26-28	*IFP:*	*26-28*	*FFP:*	*28-29*
ISIP:	342	FSIP:	912	*ISIP:*	*359*	*FSIP:*	*913*
BHT:	124° F						

Chls 4000; mud sys 4000.

DST #4 4884'- 4920' (Mississippian "B") 30-60-60-240
1st op: Strong blow, off btm of bucket in 10 min
2nd op: Strong blow, off btm of bucket immed
Rec: 3605' GIP & 20 ' M

Field calcs:				Office calcs (Alpine):			
IHP:	2335	FHP:	2309	*IHP:*	*2340*	*FHP:*	*2336*
IFP:	26-26	FFP:	26-28	*IFP:*	*23-22*	*FFP:*	*21-23*
ISIP:	353	FSIP:	423	*ISIP:*	*351*	*FSIP:*	*420*
BHT:	122° F						

Chls 4100; mud sys 4100.

RECEIVED
KANSAS CORPORATION COMMISSION
1-26-96
JAN 26 1996
CONSERVATION DIVISION
WICHITA, KS

DST #5 5252'- 5310' (Lwr Simpson sand) 30-60-60-180
1st op: Strong blow, off btm of bucket in 13 min
2nd op: Strong blow, off btm of bucket in 14 min
Rec: 95' MW & 900' SW

Field calcs:				Office calcs (Alpine):			
IHP:	2514	FHP:	2484	*IHP:*	*2541*	*FHP:*	*2517*
IFP:	58-256	FFP:	270-535	*IFP:*	*39-245*	*FFP:*	*250-520*
ISIP:	1869	FSIP:	1818	*ISIP:*	*1880*	*FSIP:*	*1834*
BHT:	140° F						

Chls 8300; mud sys 4100.

CONFIDENTIAL

ALLIED CEMENTING CO., INC.

ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Medicine Lodge KS.

DATE 9-26-95	SEC. 32	TWP. 33S	RANGE 12W	CALLED OUT 1:00	ON LOCATION 2:30	JOB START 4:30	JOB FINISH 5:00
LEASE Springs	WELL # A - #3		LOCATION Huzon Chapel Church, W/0.E, 2S, 1/4E			COUNTY Barber	STATE KANSAS

OLD OR NEW (Circle one)

CONTRACTOR Eagle Drilling Co. Rig #1
TYPE OF JOB Surface
HOLE SIZE 12¼ T.D. 220
CASING SIZE 8 5/8 DEPTH 215
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 20
PERFS.

OWNER Woolsey Petroleum Corp.

CEMENT

AMOUNT ORDERED 140 sx 60/40/2% Gel – 3% CaCl²

COMMON	84	@ 6.10	512.40
POZMIX	56	@ 3.15	176.40
GEL	2	@ 9.50	19.00
CHLORIDE	5	@ 28.00	140.00
		@	
		@	
		@	
		@	
		@	
HANDLING	140	@ 1.05	147.00
MILEAGE	140 X 18	.04	100.80

TOTAL #1095.60

EQUIPMENT

PUMP TRUCK CEMENTER Neal Rupp
233/234 HELPER Justin Hart
BULK TRUCK
242 DRIVER Larry Conor
BULK TRUCK
DRIVER

KCC
JAN 24
CONFIDENTIAL

REMARKS:

Ran 8 5/8 to 215' - Ran 5 BBls Fresh H²O Ahead of 140 sx 60/40/2% Gel, 3% CaCl² - Displaced Plug to 195' with 12.5 BBls Fresh H²O. Cement Did Circulate

Thanks

SERVICE

DEPTH OF JOB 215
PUMP TRUCK CHARGE 445.00
EXTRA FOOTAGE @
MILEAGE 18 @ 2.35 42.30
PLUG 8 5/8 Wooden @ 45.00 45.00
@
@

TOTAL #532.30

CHARGE TO: Woolsey Petroleum Corporation
STREET 107 North Market Suite 600
CITY Wichita STATE Kansas ZIP 67202

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 26 1998

CONSERVATION DIVISION
WICHITA, KS

FLOAT EQUIPMENT

RELEASED
APR 6 1998
FROM CONFIDENTIAL

@
@
@
@
@

TOTAL

TAX — 0 —

TOTAL CHARGE #1627.90

DISCOUNT #325.58 IF PAID IN 30 DAYS

Net #1302.32

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE X K O. Steinel

HALLIBURTON **JOB SUMMARY**

HALLIBURTON DIVISION: [illegible]
HALLIBURTON LOCATION: Pratt KS
BILLED ON TICKET NO.: 835535

CONFIDENTIAL

WELL DATA

FIELD ______ SEC. 32 TWP. 33 RNG. 13 COUNTY Barber STATE KS

FORMATION NAME ______ TYPE ______
FORMATION THICKNESS ______ FROM ______ TO ______
INITIAL PROD: OIL ______ BPD. WATER ______ BPD. GAS ______ MCFD
PRESENT PROD: OIL ______ BPD. WATER ______ BPD. GAS ______ MCFD
COMPLETION DATE ______ MUD TYPE ______ MUD WT. ______
PACKER TYPE ______ SET AT ______
BOTTOM HOLE TEMP. ______ PRESSURE ______
MISC. DATA ______ TOTAL DEPTH ______

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	New	10.5	4.5	KB	5426	
LINER						
TUBING						
OPEN HOLE			7 7/8	5426	5445	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
~~FLOAT SHOE~~ Insert Valve Auto	1	Howco
GUIDE SHOE		
CENTRALIZERS 5-4	12	"
BOTTOM PLUG		
~~TOP PLUG~~ 2 stage Plug set & A	1	"
HEAD Tomahawk	1	"
PACKER [illegible]	3	"
OTHER Type P DV	1	"

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 10-9	DATE 10-10	DATE 10-10	DATE 10-10
TIME 2130	TIME 2400	TIME 0947	TIME 1400

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
~~D Scott 39475~~	41278	Pratt KS
C Baker	51936 Comb	" "
S Orlando	9433 Bulk	" "
B Drake 42658	4413 Bulk	" "
	KCC	
	JAN 2 4	
	CONFIDENTIAL	

MATERIALS

TREAT. FLUID ______ DENSITY ______ LB/GAL.°API
DISPL. FLUID ______ DENSITY ______ LB/GAL.°API
PROP. TYPE ______ SIZE ______ LB.
PROP. TYPE ______ SIZE ______ LB.
ACID TYPE ______ GAL. ______ %
ACID TYPE ______ GAL. ______ %
ACID TYPE ______ GAL. ______ %
SURFACTANT TYPE ______ GAL. ______ IN
NE AGENT TYPE ______ GAL. ______ IN
FLUID LOSS ADD. TYPE ______ GAL.-LB. ______ IN
GELLING AGENT TYPE ______ GAL.-LB. ______ IN
FRIC. RED. AGENT TYPE ______ GAL.-LB. ______ IN
BREAKER TYPE ______ GAL.-LB. ______ IN
BLOCKING AGENT TYPE ______ GAL.-LB. ______
PERFPAC BALLS TYPE ______ QTY. ______
OTHER 4 gal Clay Fix
OTHER ______

RELEASED APR 6 1998 FROM CONFIDENTIAL

RECEIVED KANSAS CORPORATION COMMISSION JAN 26 1996 CONSERVATION DIVISION WICHITA, KS

DEPARTMENT Cmt
DESCRIPTION OF JOB 4½ production String

JOB DONE THRU: TUBING ☐ CASING ☑ ANNULUS ☐ TBG./ANN. ☐

CUSTOMER REPRESENTATIVE X [signature]

HALLIBURTON OPERATOR D. Scott COPIES REQUESTED ______

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	175	Premium	H	B	5 lbs Gil/sk 5% Cal Seal 10% Salt .5% Halad-322 ¼ Flocele sk	1.35	15.2
2nd	25	Standard		B	.5 Halad-322 10% Salt 5% Cal Seal ¼ Flocele 5# Gil	1.35	15.2
2nd	100	Premium	H	B	Same as Above	1.35	15.2

PRESSURES IN PSI

CIRCULATING ______ DISPLACEMENT 400
BREAKDOWN ______ MAXIMUM 1500
AVERAGE ______ FRACTURE GRADIENT ______
SHUT-IN: INSTANT ______ 5-MIN ______ 15-MIN ______

HYDRAULIC HORSEPOWER

ORDERED ______ AVAILABLE ______ USED ______

AVERAGE RATES IN BPM

TREATING ______ DISPL. ______ OVERALL ______

CEMENT LEFT IN PIPE

FEET 41.51 REASON Baffle

SUMMARY

VOLUMES

PRESLUSH: BBL.-GAL. 20 + 12 ea Stage TYPE H2O 2% KCL & Super Flush
LOAD & BKDN: BBL.-GAL. ______ PAD: BBL.-GAL. ______
TREATMENT: BBL.-GAL. ______ DISPL: BBL.-GAL. 85.5
CEMENT SLURRY: BBL.-GAL. 72.1
TOTAL VOLUME: BBL.-GAL. ______

REMARKS

D.V Tool @ 4281' Top 28th Jt

CUSTOMER: Woolsey Pet.
LEASE: Spring S
WELL NO.: A-3
JOB TYPE: 4½ Prod Csg
DATE: 10-10-95

FIELD OFFICE

FORM 2025-R4

WOOLSEY PETROLEUM CORPORATION
107 North Market • Suite 600 • Wichita, Kansas 67202-1807
Phone: (316) 267-4379 • FAX: (316) 267-4383

COPY

SPRIGGS A-3
Appx C W2 E2 W2 Sec. 32-33S-13W
Survey: 2630' FSL & 1720' FWL
Barber County, Kansas

CONFIDENTIAL

API# 15-007-224810000
Elev: G.L. 1838'
K.B. 1851'
Spud: 09/26/95

RELEASED
APR 6 1998
FROM CONFIDENTIAL

DRILL STEM TESTS

DST #1 3598'- 3630' (Deer Creek) 30-60-30-120
1st op: Strong blow (btm of bucket in 2 min)
2nd op: Strong blow (btm of bucket in 2.5 min)
Rec: 95' MW (65% W) & 1740' sli gas cut SW

Field calcs:				Office calcs:			
IHP:	1758	FHP:	1749	*IHP:*	*1750*	*FHP:*	*1733*
IFP:	163-599	FFP:	629-929	*IFP:*	*178-591*	*FFP:*	*622-910*
ISIP:	1406	FSIP:	1411	*ISIP:*	*1399*	*FSIP:*	*1411*
BHT:	110° F						

Chls 31,000, 116,000; mud sys 4000.

DST #2 4126'- 4180' (Douglas) 30-60-30-60
1st op: Fair to strong, off btm of bucket in 21 min
2nd op: Strong blow off btm of bucket in 10 min
Rec: 250' GIP (faint odor) & 120' M

Field calcs:				Office calcs:			
IHP:	1986	FHP:	1975	*IHP:*	*1978*	*FHP:*	*1977*
IFP:	60-62	FFP:	60-62	*IFP:*	*71-69*	*FFP:*	*71-73*
ISIP:	1085	FSIP:	925	*ISIP:*	*1082*	*FSIP:*	*929*
BHT:	111° F						

Chls: 5000; mud sys 5000. Shut-ins still bldg on both periods.

KCC
JAN 2 4
CONFIDENTIAL

DST #3 4788'- 4850' (Mississippian "C") 30-60-60-240
1st op: Fair blow 2" to 11", wk blow during ISI 1/2"
2nd op: Fair to strong blow off btm of bucket in 23 min, no blow on FSI
Rec: 595' GIP & 25' M

Field calcs:				Office calcs (Alpine):			
IHP:	2298	FHP:	2281	*IHP:*	*2303*	*FHP:*	*2279*
IFP:	26-26	FFP:	26-28	*IFP:*	*26-28*	*FFP:*	*28-29*
ISIP:	342	FSIP:	912	*ISIP:*	*359*	*FSIP:*	*913*
BHT:	124° F						

Chls 4000; mud sys 4000.

DST #4 4884'- 4920' (Mississippian "B") 30-60-60-240
1st op: Strong blow, off btm of bucket in 10 min
2nd op: Strong blow, off btm of bucket immed
Rec: 3605' GIP & 20 ' M

Field calcs:				Office calcs (Alpine):			
IHP:	2335	FHP:	2309	*IHP:*	*2340*	*FHP:*	*2336*
IFP:	26-26	FFP:	26-28	*IFP:*	*23-22*	*FFP:*	*21-23*
ISIP:	353	FSIP:	423	*ISIP:*	*351*	*FSIP:*	*420*
BHT:	122° F						

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 26 1996
1-26-96
CONSERVATION DIVISION
WICHITA, KS

Chls 4100; mud sys 4100.

DST #5 5252'- 5310' (Lwr Simpson sand) 30-60-60-180
1st op: Strong blow, off btm of bucket in 13 min
2nd op: Strong blow, off btm of bucket in 14 min
Rec: 95' MW & 900' SW

Field calcs:				Office calcs (Alpine):			
IHP:	2514	FHP:	2484	*IHP:*	*2541*	*FHP:*	*2517*
IFP:	58-256	FFP:	270-535	*IFP:*	*39-245*	*FFP:*	*250-520*
ISIP:	1869	FSIP:	1818	*ISIP:*	*1880*	*FSIP:*	*1834*
BHT:	140° F						

Chls 8300; mud sys 4100.

CORE LAB

ORIGINAL

CONFIDENTIAL

PETROLEUM SERVICES

November 13, 1995

15-007-22481

RELEASED

APR 6 1998

FROM CONFIDENTIAL

WOOLSEY PETROLEUM CORPORATION
107 North Market - Suite 600
Wichita, Kansas 67202

Attention: Mr. Joe Preece

Subject: Core Analysis Final Report
Spriggs "A" No. 3 Well
Barber County, Kansas
CL File: 57182-13842

Dear Mr. Preece:

Drilled sidewall samples taken from the subject well were received at the Oklahoma City laboratory for analytical testing described on the Procedure page.

Tabular presentation of the measured physical properties can be found on pages FINAL REPORT 1-1 and 1-2.

Statistical summaries of the data, permeability versus porosity cross-plots and histograms of porosity, permeability and grain density are excluded from this report due to limited number of samples in each depth interval.

It is a pleasure to have this opportunity of serving you. Should you have questions regarding these data call (405)946-5422.

Very truly yours,

RECEIVED

JAN 2 4

CONFIDENTIAL

CORE LABORATORIES, INC.

Lynn Antwine
Senior Laboratory Supervisor

RECEIVED
KANSAS CORPORATION COMMISSION

APR 06 1998

4-8-96

CONSERVATION DIVISION
WICHITA, KS

CORE LABORATORIES

Company : WOOLSEY PETROLEUM CORPORATION
Well : SPRIGGS "A" NO. 3 WELL

Field : AETNA FIELD
Formation : UNKNOWN

File No.: 57182-13842
Date : 14-NOV-1995

ANALYTICAL PROCEDURES AND QUALITY ASSURANCE

HANDLING & CLEANING

Core Transportation	: Delivered
Solvent	: Toluene
Extraction Equipment	: Dean Stark Apparatus
Extraction Time	: 48 Hours
Drying Equipment	: Convection Oven
Drying Time	: 24 Hours
Drying Temperature	: 240 Deg.F.

ANALYSIS

Grain volume measured by Boyle's Law in a matrix cup using He
Bulk volume by Archimedes Principle
Water saturations by Dean Stark
Oil saturations by weight difference in Dean Stark
Permeabilities measured on 15/16 in. diameter drilled plugs
Dean Stark grain densities clean, dry solid mineral phase are measured

REMARKS

Horizontal air permeability measured on plug samples--not Klinkenberg corrected.
Plug samples and end trims picked up by Stim Lab.

CORE LABORATORIES

Company : WOOLSEY PETROLEUM CORPORATION
Well : SPRIGGS "A" NO. 3 WELL
Location : SEC 32, T33S; R13W
Co,State : BARBER COUNTY, KANSAS

Field : AETNA FIELD
Formation : UNKNOWN
Coring Fluid : WATER BASE MUD
Elevation : 1838'GL

File No.: 57182-13842
Date : 14-NOV-1995
API No. : 15007-224810000
Analysts: SB

CORE ANALYSIS RESULTS

	SAMPLE NUMBER	DEPTH INTERVAL ft	PERMEABILITY (Horiz) (Kair) md	POROSITY (Boyle's Law) (Helium) %	SATURATION (Pore Volume) (Oil) %	(Water) %	GRAIN DENSITY (Measured) gm/cc	DESCRIPTION
				DRILLED SIDEWALL DEAN STARK ANALYSIS				
	1	2276.0	0.70	11.2	0.0	91.2	2.74	Ls gry/tn f xln foss
	2	4076.0	0.75	14.8	0.0	85.5	2.73	Sst lt gry v f gr dol
	3	4078.0	2.80	16.1	0.0	86.5	2.72	Sst lt gry v f gr dol
	4	4080.0	3.70	17.0	0.0	92.9	2.69	Sst lt gry v f gr dol
	5	4082.0	4.20	13.2	0.0	89.6	2.72	Sst lt gry v f gr dol
	6	4800.0	0.46	15.1	21.7	76.1	2.61	Cht tn wthd slily sdy slily dol
	7	4810.0	0.04	11.5	28.0	67.0	2.68	Cht tn wthd sdy dol
X	8	4820.0		14.1	13.7	73.3	2.67	Cht tn wthd sdy dol
	9	4890.0	0.14	15.9	16.8	81.2	2.64	Cht tn wthd slily sdy slily dol
				4905.0 - No Analysis - Sh grn				

CORE LABORATORIES

Company : WOOLSEY PETROLEUM CORPORATION
Well : SPRIGGS "A" NO. 3 WELL

Field : AETNA FIELD
Formation : UNKNOWN

File No.: 57182-13842
Date : 14-NOV-1995

C O R E A N A L Y S I S R E S U L T S

SAMPLE NUMBER	DEPTH INTERVAL ft	PERMEABILITY (Horiz) (Kair) md	POROSITY (Boyle's Law) (Helium) %	SATURATION (Pore Volume) (Oil) %	SATURATION (Pore Volume) (Water) %	GRAIN DENSITY (Measured) gm/cc		DESCRIPTION

X *Sample Unsuitable For Permeability Measurement.

FINAL REPORT 1 - 2