



DIAMOND TESTING
P. O. Box 157
HOISINGTON, KANSAS 67544
(316) 653-7550

CONFIDENTIAL

Company Woolsey Petroleum Corporation Lease & Well No. Spriggs No. E-2
Elevation 1674 KB Formation Snyderville Effective Pay --- Ft. Ticket No. 1388
Date 9-6-98 Sec. 28 Twp. 33S Range 13W County Barber State Kansas
Test Approved By Wesley D. Hansen Diamond Representative Roger D. Friedly

Formation Test No. 1 Interval Tested from 3,912 ft. to 3,955 ft. Total Depth 3,955 ft.
Packer Depth 3,907 ft. Size 6 3/4 in. Packer Depth --- ft. Size --- in.
Packer Depth 3,912 ft. Size 6 3/4 in. Packer Depth --- ft. Size --- in.
Depth of Selective Zone Set --- ft.

Top Recorder Depth (Inside) 3,893 ft. Recorder Number 21098 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 3,952 ft. Recorder Number 13556 Cap. 5,475 psi
Below Straddle Recorder Depth --- ft. Recorder Number --- Cap. --- psi

Drilling Contractor Abercrombie Drlg, Inc. - Rig 5 Drill Collar Length 362 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 50 Weight Pipe Length --- ft. I.D. --- in.
Weight 9.0 Water Loss 10.8 cc. Drill Pipe Length 3,518 ft. I.D. 3 1/2 in.
Chlorides 4,500 (12.0 PH) P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.
Jars: Make Bowen Serial Number 1 Anchor Length 43 ft. Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: *Weak, 1/8 in., blow. Died in 12 mins.
2nd Open: No blow.

Recovered 120 ft. of drilling mud = .5904 bbls.
Recovered --- ft. of ---
Recovered --- ft. of ---
Recovered --- ft. of ---
Recovered --- ft. of ---

Remarks *Tool slid 12 ft. - 15 ft. off bottom.

KUC
DEC 30 1998
DEC 30 2000
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Time Set Packer(s) 11:37 ~~P.M.~~ Time Started Off Bottom 2:37 ~~P.M.~~ Maximum Temperature 116°
Initial Hydrostatic Pressure (A) 1808 P.S.I.
Initial Flow Period Minutes 30 (B) 88 P.S.I. to (C) 91 P.S.I.
Initial Closed In Period Minutes 60 (D) 166 P.S.I.
Final Flow Period Minutes 30 (E) 91 P.S.I. to (F) 91 P.S.I.
Final Closed In Period Minutes 60 (G) 126 P.S.I.
Final Hydrostatic Pressure (H) 1806 P.S.I.



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FLUID SAMPLE DATA

Company Woolsey Petroleum Corporation
Lease & Well No. Spriggs No. E-2
Date 9-6-98 Sec. 28 Twp. 33 S Range 13 W
Formation Test No. 1 Interval Tested From 3,912 ft. to 3,955 ft. Total Depth 3,955 ft.
Formation Snyderville

	MUD PIT	RECOVERY
Viscosity	<u>50</u> CP	<u>51</u> CP
Weight	<u>9.0</u>	<u>8.9</u>
Water Loss	<u>10.8</u> CC	<u>10.8</u> CC
PH Factor	<u>12.0</u>	<u>11.5</u>

	RESISTIVITY	CHLORIDE CONTENT	RELEASED
Recovery Water	<u>-- @ -- °F.</u>	<u>-- ppm</u>	DEC 30 2000
Recovery Mud	<u>.78 @ 78 °F.</u>	<u>7,800 ppm</u>	FROM CONFIDENTIAL
Recovery Mud Filtrate	<u>.86 @ 80 °F.</u>	<u>5,800 ppm</u>	
Mud Pit Sample	<u>.68 @ 82 °F.</u>	<u>7,800 ppm</u>	
Mud Pit Sample Filtrate	<u>.82 @ 82 °F.</u>	<u>6,400 ppm</u>	RELEASED

Sample Taken By Roger D. Friedly
Witness By Wesley D. Hansen
Remarks Pit filtrate triton dish chlorides were 4,500 Ppm.
Recovery filtrate triton dish chlorides were 4,500 Ppm.

Well LSD: DST #1
 Well Name: SPRIGGS E-2 DST 1

ORIGINAL

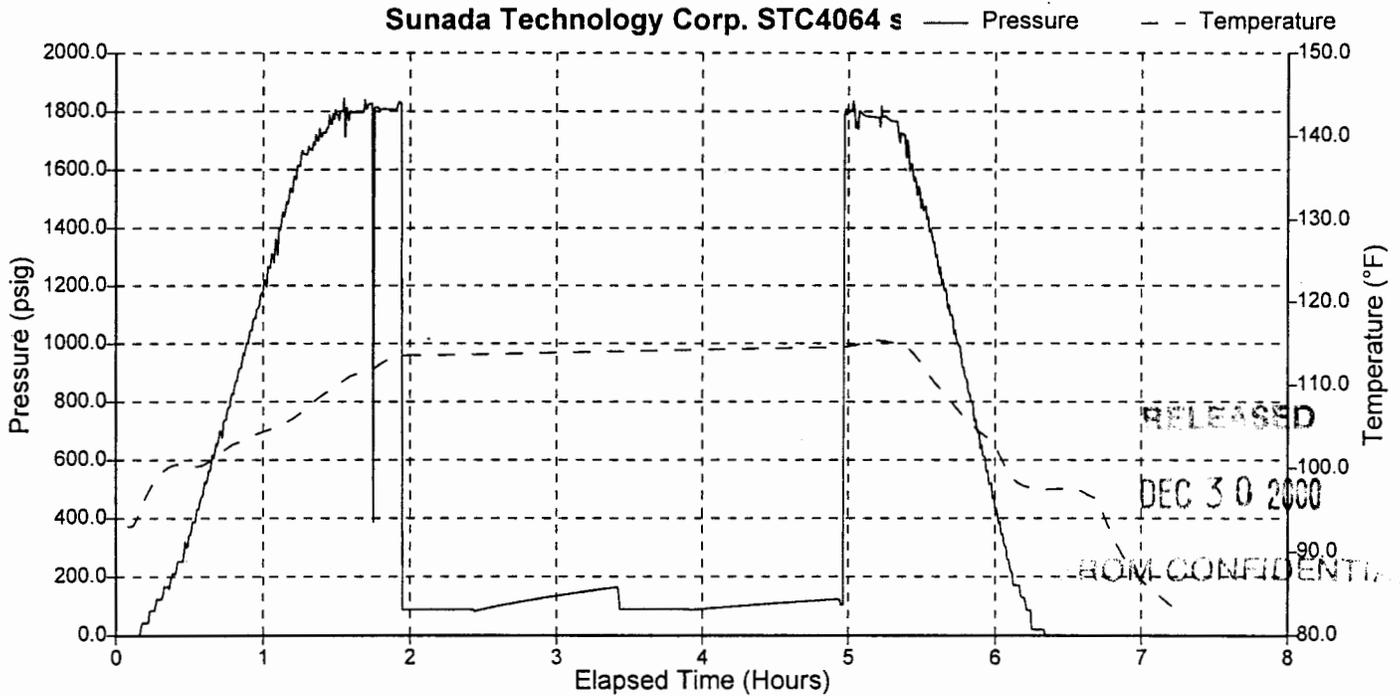
Company: WOOLSEY PETROLEUM CORP

Battery on: Sep 6, 1998 at 21:40:00

Notes: TOOL SLID 12' TO 15'

DEC 30 1998

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 DEC 30 2000
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POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1808	1808	PSI
(B) First Initial Flow Pressure	88	88	PSI
(C) First Final Flow Pressure	91	91	PSI
(D) Initial Closed-in Pressure	166	166	PSI
(E) Second Initial Flow Pressure	91	91	PSI
(F) Second Final Flow Pressure	91	91	PSI
(G) Final Closed-in Pressure	126	126	PSI
(H) Final Hydrostatic Mud	1806	1806	PSI



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Company Woolsey Petroleum Corporation Lease & Well No. Spriggs No. E-2

Elevation 1674 KB Formation Snyderville Effective Pay -- Ft. Ticket No. 1389

Date 9-7-98 Sec. 28 Twp. 33S Range 13W County Barber State Kansas

Test Approved By Wesley D. Hansen Diamond Representative Roger D. Friedly

Formation Test No. 2 Interval Tested from 3,911 ft. to 3,955 ft. Total Depth 3,955 ft.

Packer Depth 3,906 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,911 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,892 ft. Recorder Number 21098 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,952 ft. Recorder Number 13556 Cap. 5,475 psi

Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor Abercrombie Drlg, Inc. - Rig 5 Drill Collar Length 302 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 56 Weight Pipe Length -- ft. I.D. -- in.

Weight 8.6 Water Loss 12.4 cc. Drill Pipe Length 3,577 ft. I.D. 3 1/2 in.

Chlorides 5,500 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number 1 Anchor Length 44 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, surface, blow. Died in 10 mins.

2nd Open: No blow.

Recovered 5 ft. of drilling mud = .0246 bbls.

Recovered -- ft. of --

Remarks --

Time Set Packer(s) 1:51 P.M. Time Started Off Bottom 8:19 P.M. Maximum Temperature 112°

Initial Hydrostatic Pressure (A) 1836 P.S.I.

Initial Flow Period Minutes 30 (B) 10 P.S.I. to (C) 12 P.S.I.

Initial Closed In Period Minutes 60 (D) 34 P.S.I.

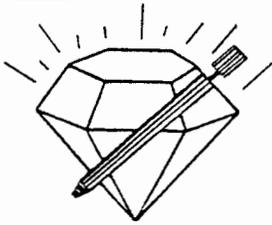
Final Flow Period Minutes 60 (E) 12 P.S.I. to (F) 14 P.S.I.

Final Closed In Period Minutes 240 (G) 36 P.S.I.

Final Hydrostatic Pressure (H) 1807 P.S.I.

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FROM CONFIDENTIAL



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ORIGINAL

Page 2 of 2 Pages

FLUID SAMPLE DATA

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Company Woolsey Petroleum Corporation
 Lease & Well No. Spriggs No. E-2
 Date 9-7-98 Sec. 28 Twp. 33 S Range 13 W
 Formation Test No. 2 Interval Tested From 3,911 ft. to 3,955 ft. Total Depth 3,955 ft.
 Formation Snyderville

	MUD PIT	RECOVERY
Viscosity	<u>56</u> CP	<u>54</u> CP
Weight	<u>8.6</u>	<u>8.9</u>
Water Loss	<u>12.4</u> CC	<u>10.4</u> CC
PH Factor	<u>11.5</u>	<u>11.5</u>

KOC
 1231 D 898
 CONFIDENTIAL

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	<u>--</u> @ <u>--</u> °F.	<u>--</u> ppm
Recovery Mud	<u>.60</u> @ <u>86</u> °F.	<u>8,500</u> ppm
Recovery Mud Filtrate	<u>.65</u> @ <u>86</u> °F.	<u>8,000</u> ppm
Mud Pit Sample	<u>.57</u> @ <u>90</u> °F.	<u>8,500</u> ppm
Mud Pit Sample Filtrate	<u>.62</u> @ <u>90</u> °F.	<u>7,800</u> ppm

Sample Taken By Roger D. Friedly

Witness By Wesley D. Hansen

Remarks Pit filtrate triton dish chlorides were 5,500 Ppm.
Recovery filtrate triton dish chlorides were 5,000 Ppm.

RELEASED

DEC 30 2000

FROM CONFIDENTIAL

Well LSD: ~~SECRET~~ BST #2
 Well Name: SPRIGGS E-2

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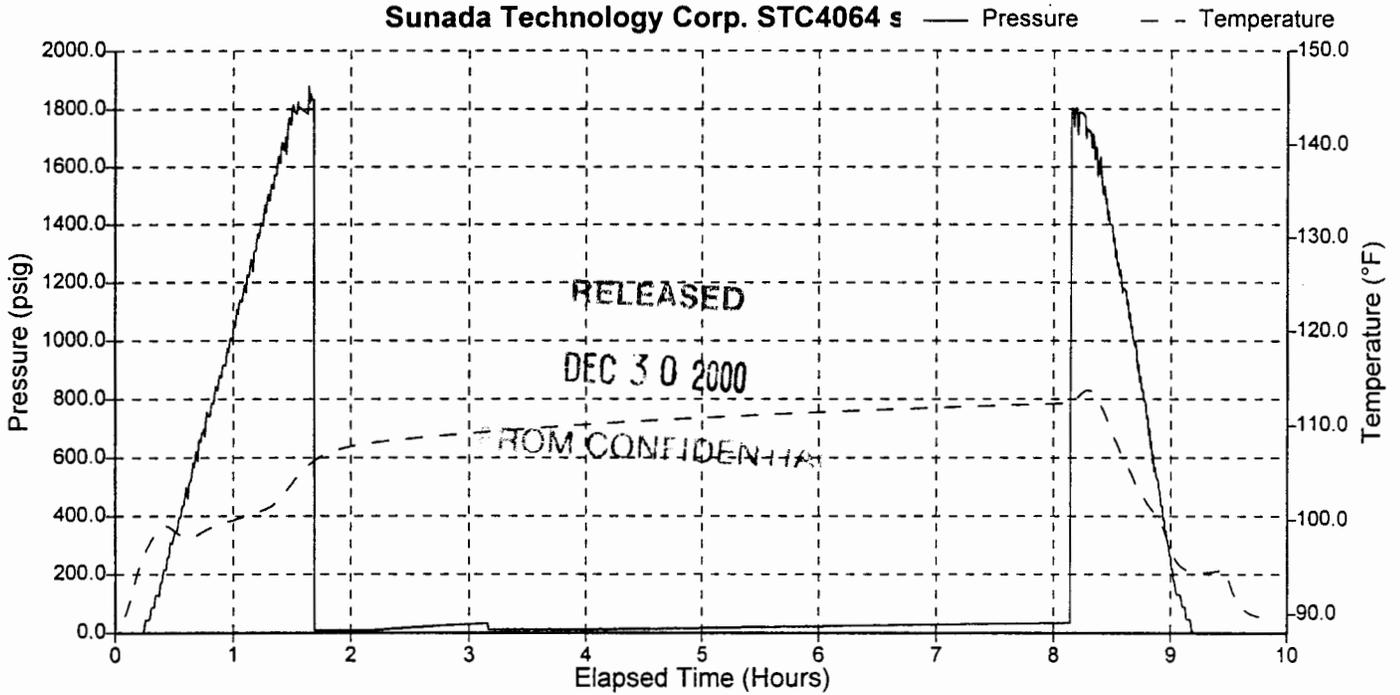
ORIGINAL

Company: WOOLSEY PETROLEUM CORP

Battery on: Sep 7, 1998 at 12:10:00

DEC 30 1998

Notes:



POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1836	1836	PSI
(B) First Initial Flow Pressure	10	10	PSI
(C) First Final Flow Pressure	12	12	PSI
(D) Initial Closed-in Pressure	34	34	PSI
(E) Second Initial Flow Pressure	12	12	PSI
(F) Second Final Flow Pressure	14	14	PSI
(G) Final Closed-in Pressure	36	36	PSI
(H) Final Hydrostatic Mud	1807	1807	PSI