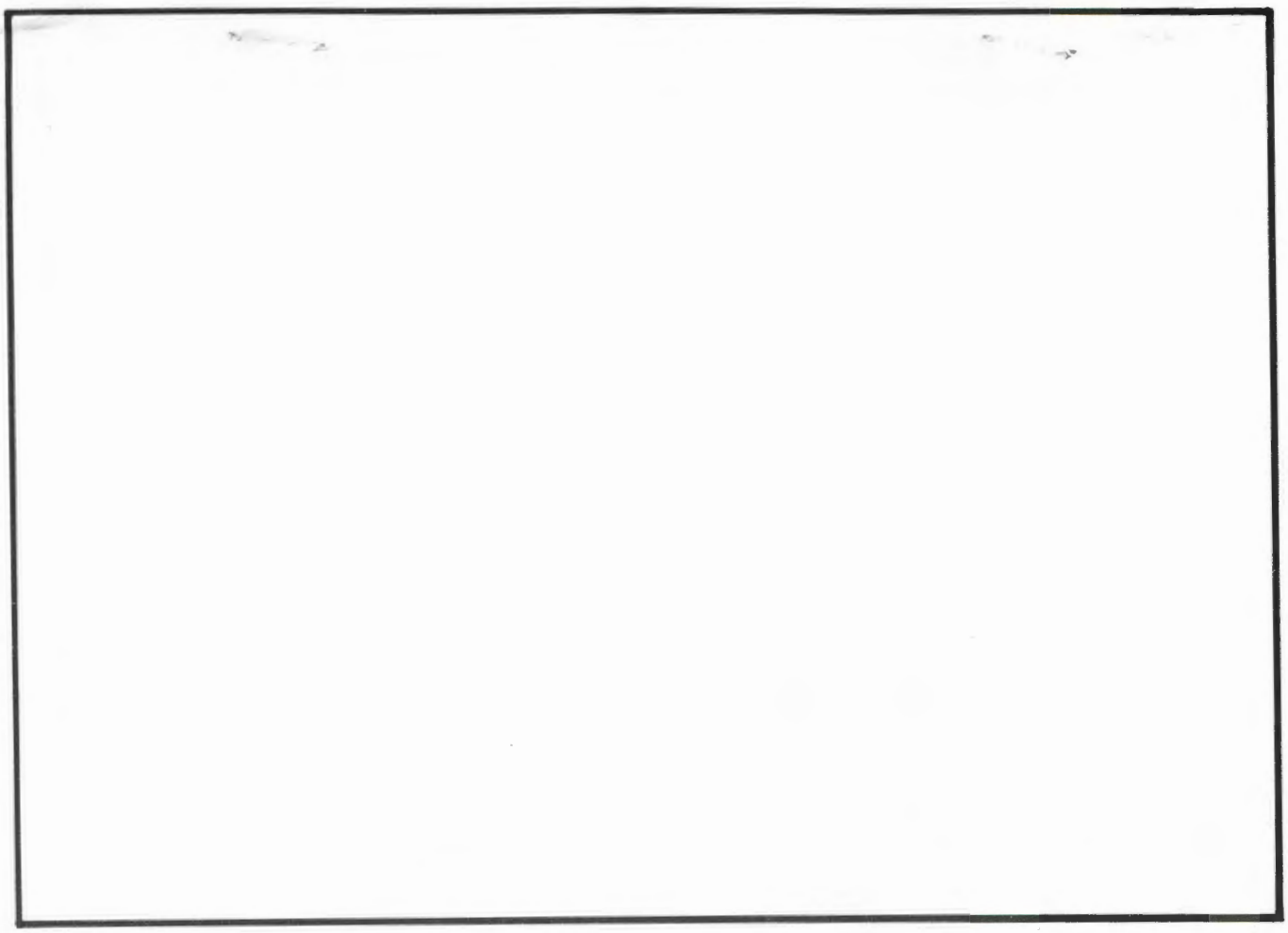
NOMENCLATURE

b	=	Approximate Radius of Investigation	Feet
b^1	=	Approximate Radius of Investigation (Net Pay Zone h^1)	Feet
D.R.	=	Damage Ratio	——
El	=	Elevation	Feet
GD	=	B.T. Gauge Depth (From Surface Reference)	Feet
h	=	Interval Tested	Feet
h^1	=	Net Pay Thickness	Feet
K	=	Permeability	md
K^1	=	Permeability (From Net Pay Zone h^1)	md
m	=	Slope Extrapolated Pressure Plot (Psi^2/cycle Gas)	psi/cycle
OF^1	=	Maximum Indicated Flow Rate	MCF/D
OF^2	=	Minimum Indicated Flow Rate	MCF/D
OF^3	=	Theoretical Open Flow Potential with/Damage Removed Max.	MCF/D
OF^4	=	Theoretical Open Flow Potential with/Damage Removed Min.	MCF/D
P^S	=	Extrapolated Static Pressure	Psig.
P^F	=	Final Flow Pressure	Psig.
P^{OT}	=	Potentiometric Surface (Fresh Water*)	Feet
Q	=	Average Adjusted Production Rate During Test	bbls/day
Q^1	=	Theoretical Production w/Damage Removed	bbls/day
Q^g	=	Measured Gas Production Rate	MCF/D
R	=	Corrected Recovery	bbls
r^w	=	Radius of Well Bore	Feet
t	=	Flow Time	Minutes
t^o	=	Total Flow Time	Minutes
T	=	Temperature Rankine	°R
Z	=	Compressibility Factor	——
u	=	Viscosity Gas or Liquid	CP
Log	=	Common Log	

* Potentiometric Surface Reference to Rotary Table When Elevation Not Given, Fresh Water Corrected to 100° F.

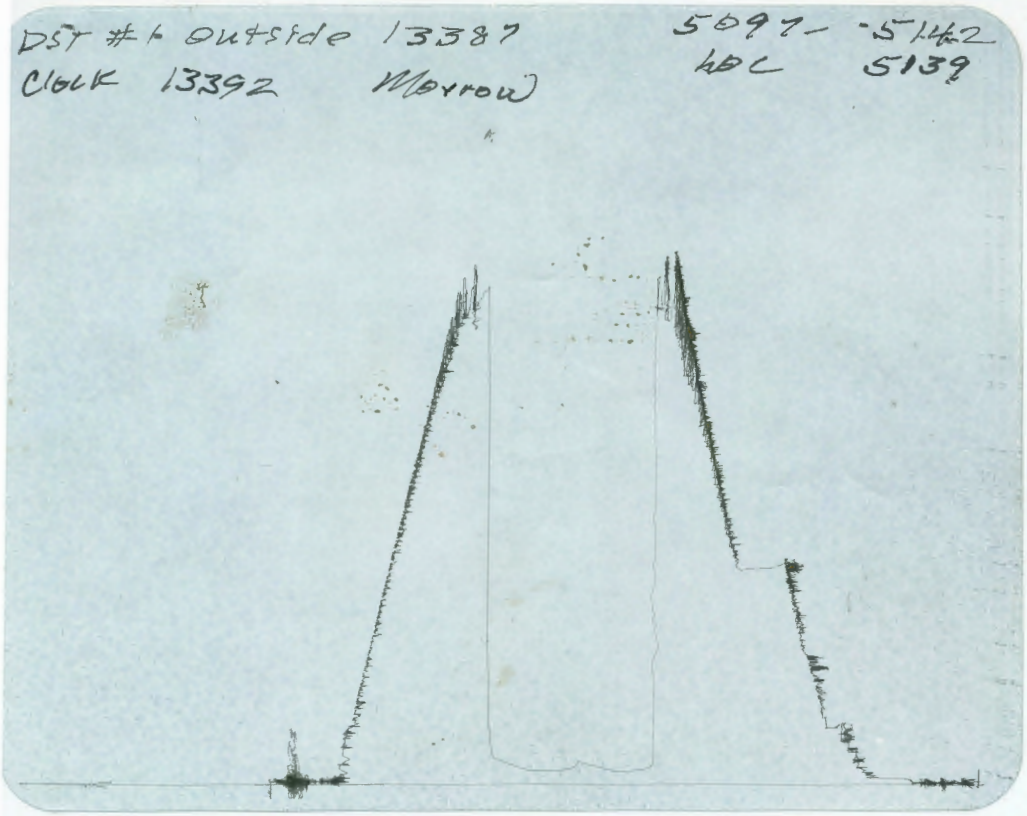


This is an actual photograph of recorder chart.

POINT		PRESSURE Elec. Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2471	2471	PSI
(B)	First Initial Flow Pressure	48	48	PSI
(C)	First Final Flow Pressure	54	54	PSI
(D)	Initial Closed-in Pressure	116	116	PSI
(E)	Second Initial Flow Pressure	52	52	PSI
(F)	Second Final Flow Pressure	55	55	PSI
(G)	Final Closed-in Pressure	137	137	PSI
(H)	Final Hydrostatic Mud	2443	2443	PSI

DST #1 Outside 13387
Clock 13392 Morrow

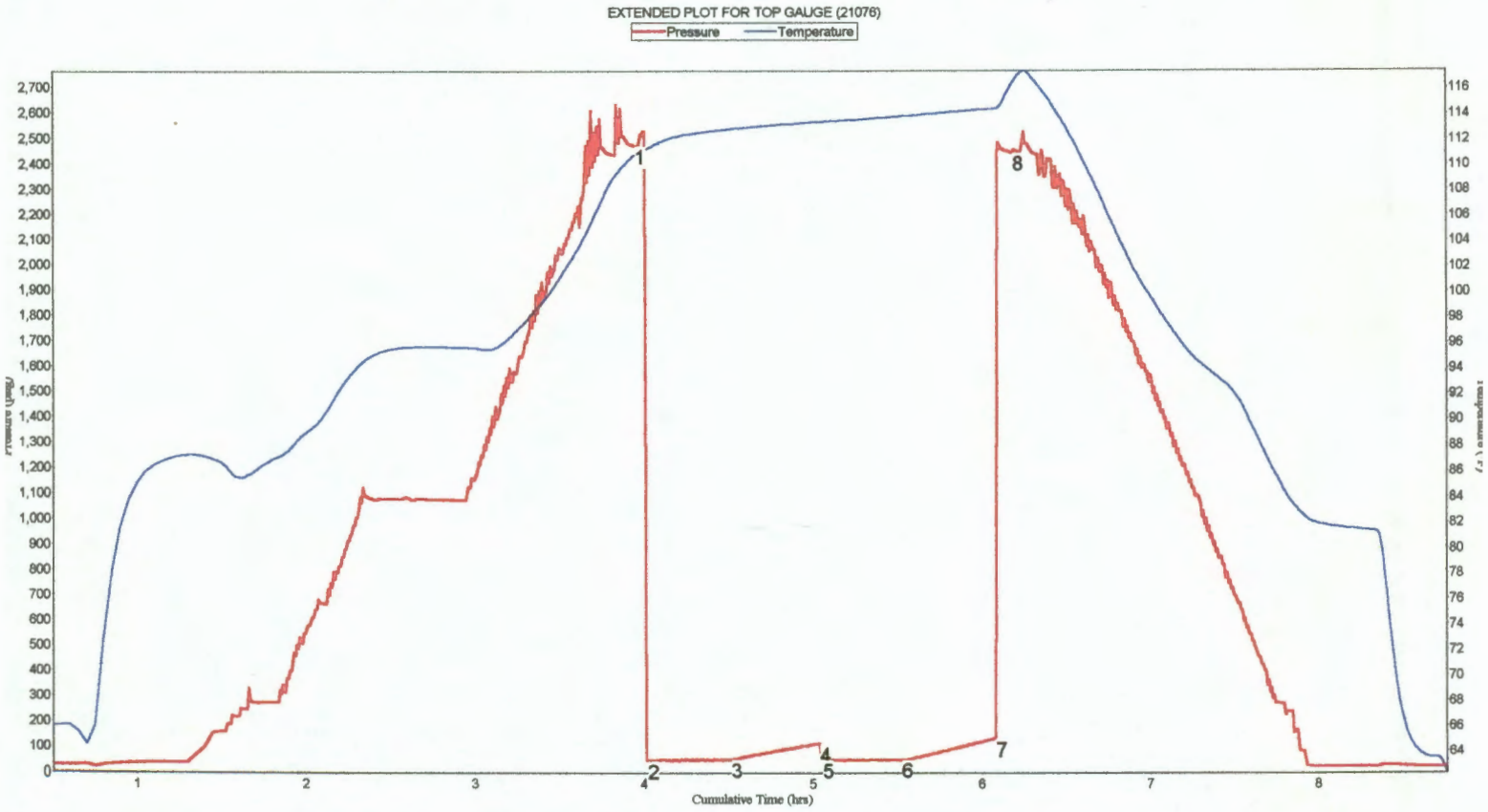
5097 - 5142
HDC 5139



SUNADA TECHNOLOGY CORP.

Pressure Measurement Profile

Company:	TRANS PAC OIL
Well LSD:	11-32S-21W
Well Name:	STEPHENS # 1-11
Gauge Depth:	N/A
Gauge:	21076
Gauge Model:	STC4064
Date of Test:	MAY 21, 2001



Point	Comment	Time	Pressure	Temp.
1	IHP	2001-05-21 1007:00	2470.71	110.8
2	IFP	2001-05-21 1011:30	47.73	111.3
3	FIFP	2001-05-21 1041:00	53.82	112.8
4	ISP	2001-05-21 1112:30	115.55	113.3
5	IFP	2001-05-21 1113:30	52.13	113.4
6	FFP	2001-05-21 1141:30	54.81	113.8
7	FSP	2001-05-21 1215:00	136.74	114.4
8	FHP	2001-05-21 1221:00	2442.76	116.4

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

Company Trans Pacific Oil Corp. Lease & Well No. Stephens No. 1-11

Elevation 1940 KB Formation Morrow Effective Pay -- Ft. Ticket No. 1563

Date 5-21-01 Sec. 11 Twp. 32S Range 21W County Clark State Kansas

Test Approved By W. Bryce Bidleman Diamond Representative Roger D. Friedly

Formation Test No. 1 Interval Tested from 5,097 ft. to 5,142 ft. Total Depth 5,142 ft.

Packer Depth 5,092 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 5,097 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 5,099 ft. Recorder Number Elec. Cap. 5,000 psi

Bottom Recorder Depth (Outside) 5,139 ft. Recorder Number 13387 Cap. 4,000 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor VAL Energy, Inc. - Rig 2 Drill Collar Length 532 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 62 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.2 Water Loss 10.0 cc. Drill Pipe Length 4,544 ft. I.D. 3 1/2 in.

Chlorides 4,000 P.P.M. Test Tool Length 21 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 45 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: Fair, 1 in., blow increasing to a good, 5 in., blow. No blow back during shut-in.
2nd Open: Fair, 1 in., blow increasing to a fair, 2¾ in., blow. No blow back during shut-in

Recovered 10 ft. of drilling mud with a few oil specks in tool = .049200 bbls.

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s) 10:10 ~~A.M.~~ P.M. Time Started Off Bottom 12:10 ~~P.M.~~ P.M. Maximum Temperature 114°

Initial Hydrostatic Pressure ..... (A) 2471 P.S.I.

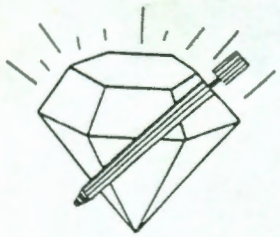
Initial Flow Period ..... Minutes 30 (B) 48 P.S.I. to (C) 54 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 116 P.S.I.

Final Flow Period ..... Minutes 30 (E) 52 P.S.I. to (F) 55 P.S.I.

Final Closed In Period ..... Minutes 30 (G) 137 P.S.I.

Final Hydrostatic Pressure ..... (H) 2443 P.S.I.



DIAMOND TESTING
P. O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

FLUID SAMPLE DATA

Company Trans Pacific Oil Corp.

Lease & Well No. Stephens No. 1-11

Date 5-21-01 Sec. 11 Twp. 32 S Range 21 W

Formation Test No. 1 Interval Tested From 5,097 ft. to 5,142 ft. Total Depth 5,142 ft.

Formation Morrow

	MUD PIT	RECOVERY
Viscosity	62 CP	58 CP
Weight	9.2	9.1
Water Loss	10.0 CC	10.0 CC
PH Factor	9.5	8.5

	RESISTIVITY			CHLORIDE CONTENT
Recovery Water	--	@	-- °F.	-- ppm
Recovery Mud	.82	@	68 °F.	7,500 ppm
Recovery Mud Filtrate	.84	@	68 °F.	7,200 ppm
Mud Pit Sample	1.00	@	62 °F.	6,800 ppm
Mud Pit Sample Filtrate	1.40	@	62 °F.	5,000 ppm

Sample Taken By ROGER D. FRIEDLY

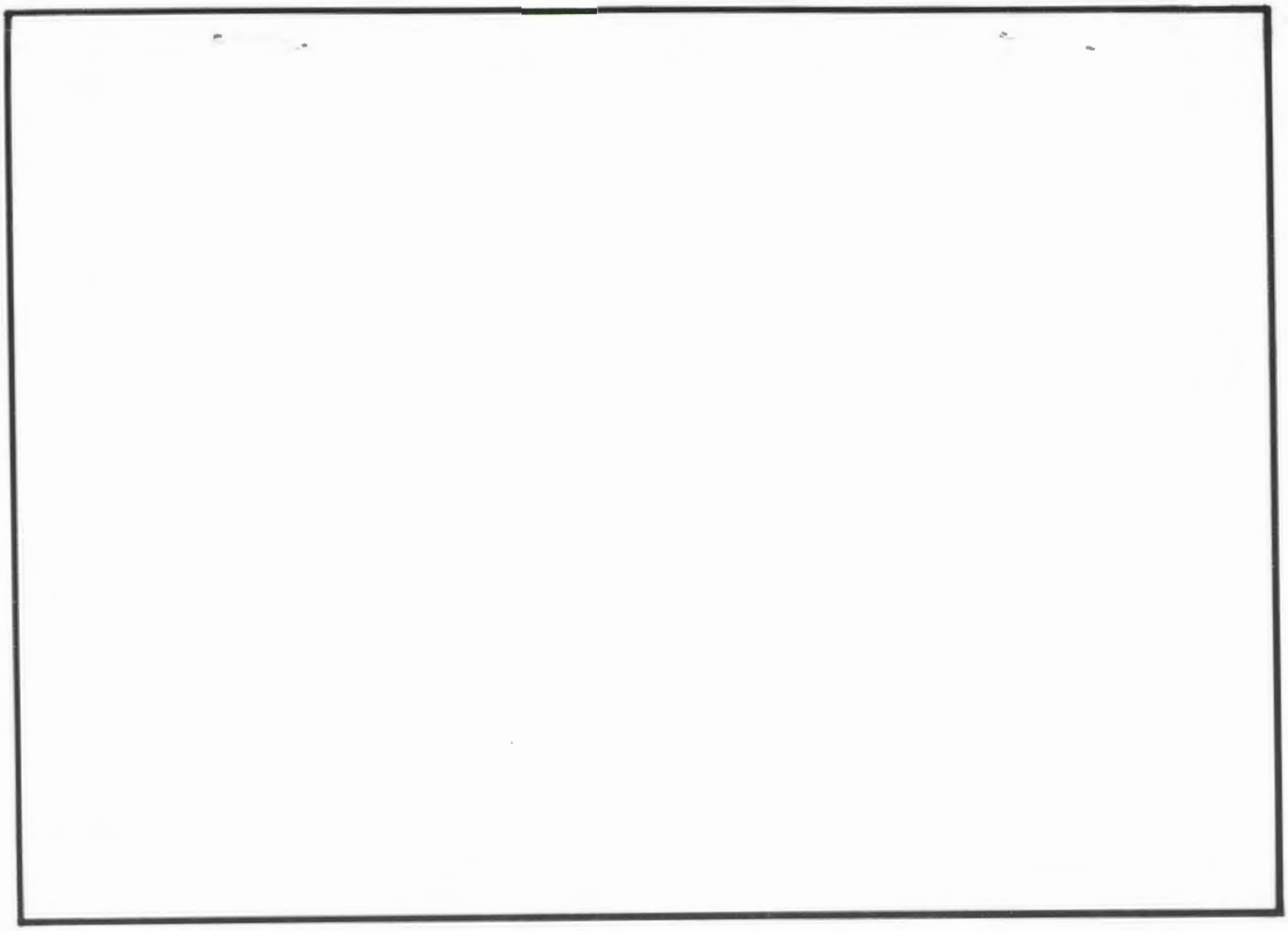
Witness By W. Bryce Bidleman

Remarks Pit filtrate triton dish chlorides were 4,000 Ppm.
Recovery filtrate triton dish chlorides were 2,500 Ppm.

NOMENCLATURE

b	=	Approximate Radius of Investigation	Feet
b^1	=	Approximate Radius of Investigation (Net Pay Zone h^1)	Feet
D.R.	=	Damage Ratio	——
El	=	Elevation	Feet
GD	=	B.T. Gauge Depth (From Surface Reference)	Feet
h	=	Interval Tested	Feet
h^1	=	Net Pay Thickness	Feet
K	=	Permeability	md
K^1	=	Permeability (From Net Pay Zone h^1)	md
m	=	Slope Extrapolated Pressure Plot (Psi^2/cycle Gas)	psi/cycle
OF^1	=	Maximum Indicated Flow Rate	MCF/D
OF^2	=	Minimum Indicated Flow Rate	MCF/D
OF^3	=	Theoretical Open Flow Potential with/Damage Removed Max.	MCF/D
OF^4	=	Theoretical Open Flow Potential with/Damage Removed Min.	MCF/D
P^S	=	Extrapolated Static Pressure	Psig.
P^F	=	Final Flow Pressure	Psig.
$P^{\circ T}$	=	Potentiometric Surface (Fresh Water*)	Feet
Q	=	Average Adjusted Production Rate During Test	bbls/day
Q^1	=	Theoretical Production w/Damage Removed	bbls/day
Q^g	=	Measured Gas Production Rate	MCF/D
R	=	Corrected Recovery	bbls
r^w	=	Radius of Well Bore	Feet
t	=	Flow Time	Minutes
t°	=	Total Flow Time	Minutes
T	=	Temperature Rankine	°R
Z	=	Compressibility Factor	——
u	=	Viscosity Gas or Liquid	CP
Log	=	Common Log	

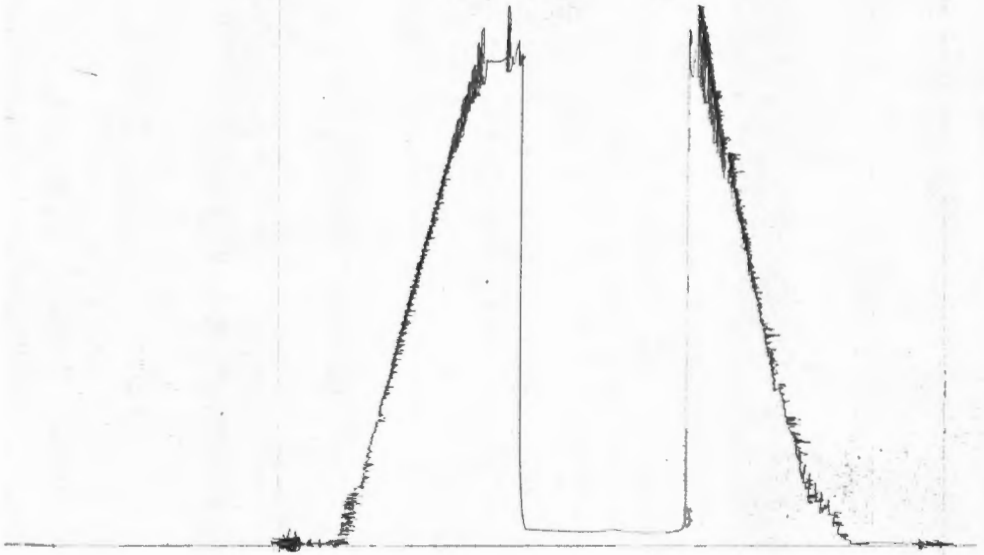
* Potentiometric Surface Reference to Rotary Table When Elevation Not Given, Fresh Water Corrected to 100° F.



This is an actual photograph of recorder chart.

POINT		PRESSURE Elec. Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2465	2465	PSI
(B)	First Initial Flow Pressure	47	47	PSI
(C)	First Final Flow Pressure	56	56	PSI
(D)	Initial Closed-in Pressure	84	84	PSI
(E)	Second Initial Flow Pressure	57	57	PSI
(F)	Second Final Flow Pressure	66	66	PSI
(G)	Final Closed-in Pressure	81	81	PSI
(H)	Final Hydrostatic Mud	2437	2437	PSI

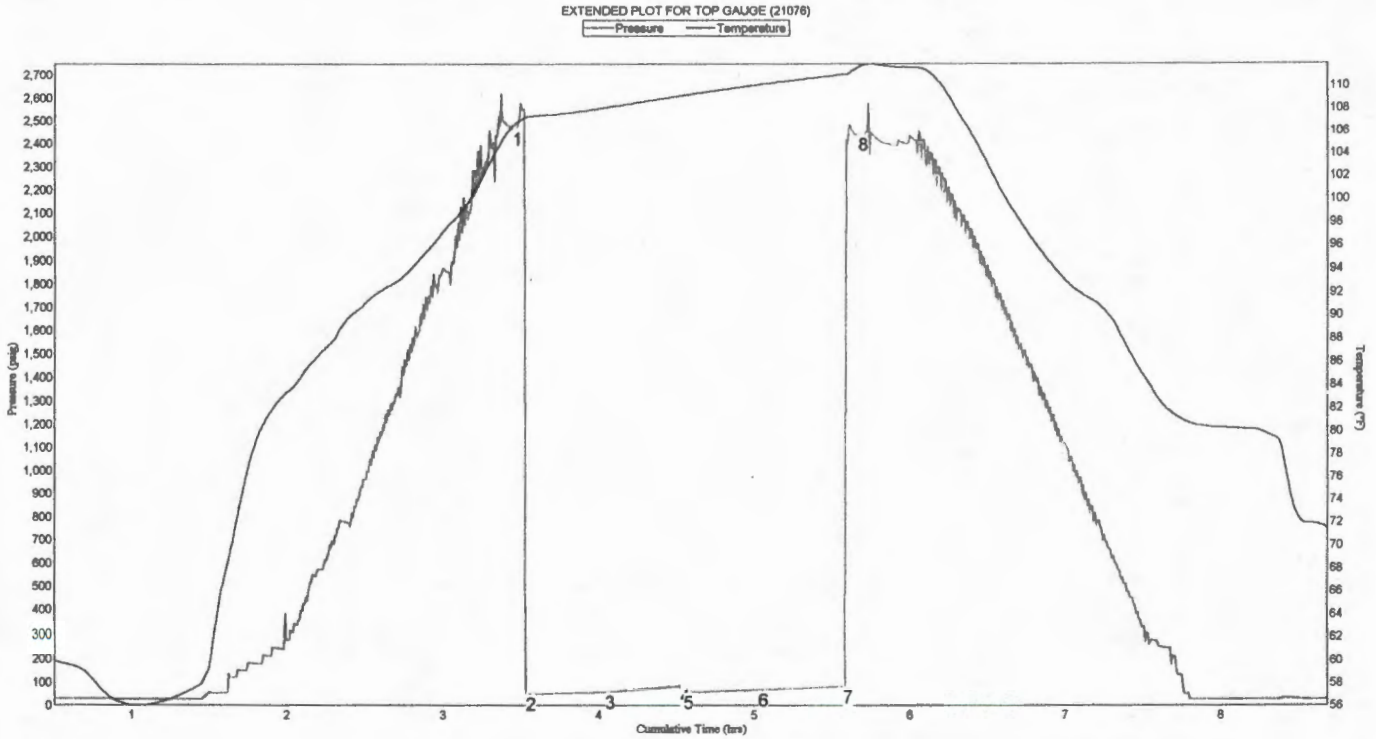
DST # 2 Duyside 13387 5116 - 5162
Block 18392 Morrow Loc 5119



SUNADA TECHNOLOGY CORP.

Pressure Measurement Profile

Company:	TRANS PAC OIL CORP
Well LSD:	11-32S-21W
Well Name:	STEPHENS 1-11
Gauge Depth:	N/A
Gauge:	21076
Gauge Model:	STC4064
Date of Test:	M AY 22, 2001



Point	Comment	Time	Pressure	Temp.
1	IHP	2001-05-22 0702:00	2464.68	106.4
2	IFP	2001-05-22 0707:00	47.13	107.2
3	FISP	2001-05-22 0737:30	55.99	108.0
4	ISP	2001-05-22 0806:30	84.34	109.1
5	FFP	2001-05-22 0807:30	57.33	109.1
6	FFP	2001-05-22 0836:30	66.10	110.0
7	FSP	2001-05-22 0909:00	81.31	110.9
8	FHP	2001-05-22 0915:00	2437.06	111.6

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

Company Trans Pacific Oil Corp. Lease & Well No. Stephens No. 1-11

Elevation 1940 KB Formation Morrow Effective Pay -- Ft. Ticket No. 1564

Date 5-22-01 Sec. 11 Twp. 32S Range 21W County Clark State Kansas

Test Approved By W. Bryce Bidleman Diamond Representative Roger D. Friedly

Formation Test No. 2 Interval Tested from 5,116 ft. to 5,162 ft. Total Depth 5,162 ft.

Packer Depth 5,111 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 5,116 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 5,119 ft. Recorder Number Elec. Cap. 5,000 psi

Bottom Recorder Depth (Outside) 5,159 ft. Recorder Number 13387 Cap. 4,000 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor VAL Energy, Inc. - Rig 2 Drill Collar Length 492 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 62 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.0 Water Loss 10.0 cc. Drill Pipe Length 4,603 ft. I.D. 3 1/2 in.

Chlorides 4,500 P.P.M. Test Tool Length 21 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 46 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, ¼ in., blow decreasing to a weak, surface blow.
2nd Open: Weak, surface blow. Died in 5 mins.

Recovered 10 ft. of drilling mud with a few oil specks in tool = .049200 bbls.

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s) 7:07 A.M. P.M. Time Started Off Bottom 9:07 A.M. P.M. Maximum Temperature 111°

Initial Hydrostatic Pressure ..... (A) 2465 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 47 P.S.I. to (C) 56 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 84 P.S.I.

Final Flow Period ..... Minutes 30 (E) 57 P.S.I. to (F) 66 P.S.I.

Final Closed In Period ..... Minutes 30 (G) 81 P.S.I.

Final Hydrostatic Pressure ..... (H) 2437 P.S.I.

DIAMOND TESTING
P. O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

FLUID SAMPLE DATA

Company Trans Pacific Oil Corp.

Lease & Well No. Stephens No. 1-11

Date 5-22-01 Sec. 11 Twp. 32 S Range 21 W

Formation Test No. 2 Interval Tested From 5,116 ft. to 5,162 ft. Total Depth 5,162 ft.

Formation Morrow

	MUD PIT	RECOVERY
Viscosity	62 CP	58 CP
Weight	9.0	9.0
Water Loss	10.0 CC	9.6 CC
PH Factor	11.0	10.0

	RESISTIVITY			CHLORIDE CONTENT
Recovery Water	--	@ --	°F.	-- ppm
Recovery Mud	.80	@ 70	°F.	8,000 ppm
Recovery Mud Filtrate	.84	@ 72	°F.	7,400 ppm
Mud Pit Sample	1.00	@ 62	°F.	7,000 ppm
Mud Pit Sample Filtrate	1.10	@ 64	°F.	6,000 ppm

Sample Taken By ROGER D. FRIEDLY

Witness By W. Bryce Bidleman

Remarks Pit filtrate triton dish chlorides were 4,500 Ppm.
Recovery filtrate triton dish chlorides were 5,000 Ppm.