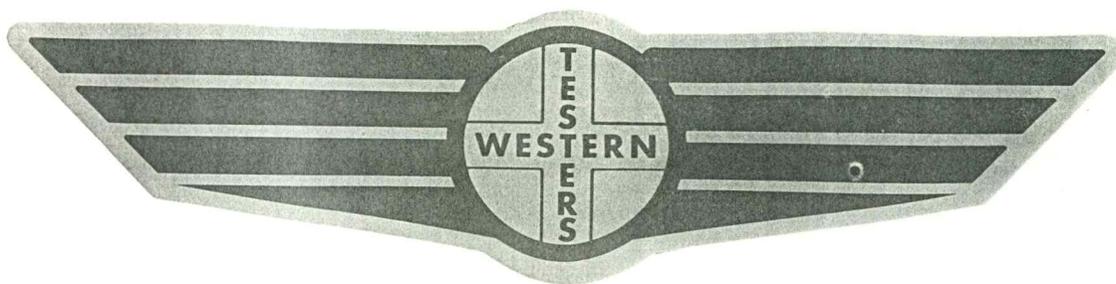


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

DST REPORT

GENERAL INFORMATION

DATE	: 7/13/94	TICKET	: 20325
CUSTOMER	: ZPC PETROLEUM, INC.	LEASE	: DUBBS
WELL	: #3-22D	TEST: 1	GEOLOGIST: ZEB ?
ELEVATION	: 2513 KB	FORMATION	: MISSISSIPPI
SECTION	: 32	TOWNSHIP	: 16S
RANGE	: 24W	COUNTY: NESS	STATE : KS
GAUGE SN#	: 11018	RANGE : 4425	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	4452.00 ft	TO:	4505.00 ft	TVD:	4505.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	4455.0 ft		4502.0 ft		
TEMPERATURE:	124.0				
DRILL COLLAR LENGTH:	0.0 ft	I.D.:		0.000 in	
WEIGHT PIPE LENGTH :	350.0 ft	I.D.:		2.700 in	
DRILL PIPE LENGTH :	4082.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	20.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	53.0 ft	ANCHOR SIZE:		5.500 in	
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:		0.750 in	
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :		4.5XH	
PACKER DEPTH:	4447.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	4452.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	

MUD INFORMATION

DRILLING CON. :	EMPHASIS RIG 5	VISCOSITY :	60.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	11.000 cc
WEIGHT :	9.400 ppg	SERIAL NUMBER:	
CHLORIDES :	3000 ppm	REVERSED OUT?:	NO
JARS-MAKE :			
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD FAIR BLOW - SLOWLY BUILDING TO 5 INCHES. FINAL FLOW PERIOD WEAK 1 INCH BLOW.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
70.0	100.0	0.0	0.0	0.0	CLEAN GASSY OIL
0.0	0.0	0.0	0.0	0.0	GRAVITY 39 @ 60 DEGREES F
60.0	70.0	0.0	0.0	30.0	MUDDY OIL
60.0	40.0	0.0	0.0	60.0	HEAVY OIL CUT MUD

RATE INFORMATION

OIL VOLUME:	0.9630 STB	TOTAL FLOW TIME:	60.0000 min.
GAS VOLUME:	0.0000 SCF	AVERAGE OIL RATE:	32.2901 STB/D
MUD VOLUME:	0.3824 STB	AVERAGE WATER RATE:	0.0000 STB/D
WATER VOLUME:	0.0000 STB		
TOTAL FLUID :	1.3454 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2180.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	67.00	69.00
INITIAL SHUT-IN	60.00		890.00
FINAL FLOW	30.00	96.00	100.00
FINAL SHUT-IN	60.00		864.00

FINAL HYDROSTATIC PRESSURE: 2156.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2267.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	71.00	71.00
INITIAL SHUT-IN	57.00		890.00
FINAL FLOW	30.00	113.00	113.00
FINAL SHUT-IN	57.00		878.00

FINAL HYDROSTATIC PRESSURE: 2212.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 7/13/94	TICKET : 20325
CUSTOMER : ZPC PETROLEUM, INC.	LEASE : DUBBS
WELL : #3-22D TEST: 1	GEOLOGIST: ZEB ?
ELEVATION: 2513 KB	FORMATION: MISSISSIPPI
SECTION : 32	TOWNSHIP : 16S
RANGE : 24W COUNTY: NESS	STATE : KS
GAUGE SN#: 11018 RANGE : 4425	CLOCK : 12

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	71.00	71.00
5.00	71.00	0.00
10.00	71.00	0.00
15.00	71.00	0.00
20.00	71.00	0.00
25.00	71.00	0.00
30.00	71.00	0.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	526.00	526.00	11.00
6.00	654.00	128.00	6.00
9.00	705.00	51.00	4.33
12.00	743.00	38.00	3.50
15.00	769.00	26.00	3.00
18.00	792.00	23.00	2.67
21.00	809.00	17.00	2.43
24.00	823.00	14.00	2.25
27.00	836.00	13.00	2.11
30.00	845.00	9.00	2.00
33.00	853.00	8.00	1.91
36.00	860.00	7.00	1.83
39.00	865.00	5.00	1.77
42.00	871.00	6.00	1.71
45.00	876.00	5.00	1.67
48.00	882.00	6.00	1.63
51.00	887.00	5.00	1.59
54.00	889.00	2.00	1.56
57.00	890.00	1.00	1.53

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	113.00	113.00
5.00	113.00	0.00
10.00	113.00	0.00
15.00	113.00	0.00
20.00	113.00	0.00
25.00	113.00	0.00
30.00	113.00	0.00

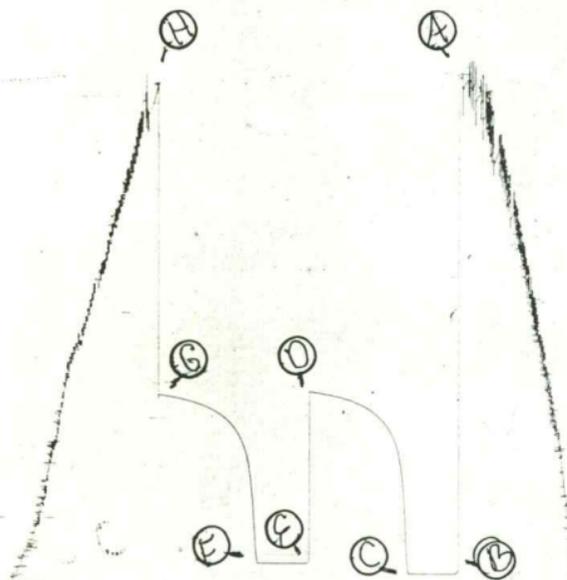
FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	388.00	388.00	11.00
6.00	588.00	200.00	6.00
9.00	654.00	66.00	4.33
12.00	703.00	49.00	3.50
15.00	736.00	33.00	3.00
18.00	761.00	25.00	2.67
21.00	783.00	22.00	2.43
24.00	798.00	15.00	2.25
27.00	809.00	11.00	2.11
30.00	823.00	14.00	2.00
33.00	838.00	15.00	1.91
36.00	842.00	4.00	1.83
39.00	849.00	7.00	1.77
42.00	853.00	4.00	1.71
45.00	860.00	7.00	1.67
48.00	865.00	5.00	1.63
51.00	869.00	4.00	1.59
54.00	871.00	2.00	1.56
57.00	878.00	7.00	1.53

USI 41 RSC#11012

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