



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No 20504

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 1517 G.L. Formation KANSAS City Eff. Pay Ft.

District PRATT Date 5-31-94 Customer Order No.

COMPANY NAME MCGINNESS O.I Co

ADDRESS 150 N. MAIN Suite 1026 Wichita KS 67202

LEASE AND WELL NO. 1USLEF #1 COUNTY Barber STATE KS Sec. 3 Twp 33S Rge. 11W

Mail Invoice To Co. Name Same Address No. Copies Requested

Mail Charts To Same Address No. Copies Requested

Formation Test No. 4 Interval Tested From 4210 ft. to 4230 ft. Total Depth 4230 ft.
Packer Depth 4205 ft. Size 6 5/8 in. Packer Depth ft. Size in.
Packer Depth 4210 ft. Size 6 3/8 in. Packer Depth ft. Size in.Depth of Selective Zone Set
Top Recorder Depth (Inside) 4213 ft. Recorder Number 4339 Cap. 4300
Bottom Recorder Depth (Outside) 4230 ft. Recorder Number 13548 Cap. 4075
Below Straddle Recorder Depth ft. Recorder Number Cap.Drilling Contractor Pickrell #1 Drill Collar Length 243 I. D. 2 1/4 in.
Mud Type Chemical Viscosity 44 Weight Pipe Length I. D. in.
Weight 9.0 Water Loss 14.4 cc. Drill Pipe Length 3946 I. D. 3.8 in.
Chlorides 82,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.
Jars: Make Serial Number Anchor Length 20 ft. Size 5 1/2 in.
Did Well Flow? Reversed Out Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 x 14 in.Blow: 1/2" Slow Build to 2 1/2". 2ND Flow, NO Blow
Flushed Tool, Good Surge, NO BlowRecovered ft. of
Recovered 150 ft. of MUDDY WATER 80% WATER 20% MUD
Recovered ft. of
Recovered ft. of
Recovered ft. of
Chlorides 82,000 P.P.M. Sample Jars used Remarks:Time On Location 7:30 A.M. Time Pick Up Tool 8:00 A.M. Time Off Location A.M.
Time Set Packer(s) 9:45 A.M. Time Started Off Bottom 11:45 A.M. Maximum Temperature 111°
Initial Hydrostatic Pressure (A) 2069 P.S.I.
Initial Flow Period Minutes 30 (B) 113 P.S.I. to (C) 68 P.S.I.
Initial Closed In Period Minutes 45 (D) 1549 P.S.I.
Final Flow Period Minutes 15 (E) 159 P.S.I. to (F) 147 P.S.I.
Final Closed In Period Minutes 30 (G) 1528 P.S.I.
Final Hydrostatic Pressure (H) 2037 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature] - 4
Signature of Customer or his authorized representative

Western Representative STUART STOKER

FIELD INVOICE

Open Hole Test \$600.00
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$

WESTERN TESTING CO., INC. Pressure Data

Date 5-21-94
Recorder No. 1389

Test Ticket No. 2050
Location _____ Ft. _____

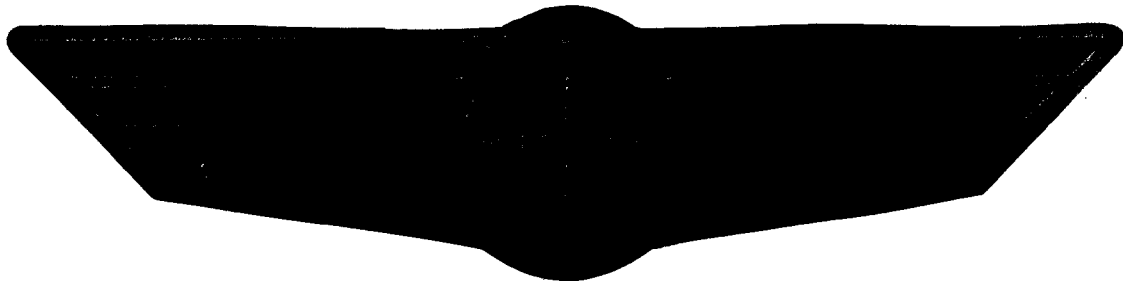
Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2024</u> P.S.I.			
B First Initial Flow Pressure	_____ P.S.I.	First Flow Pressure	_____ Mins.	_____ Mins.
C First Final Flow Pressure	_____ P.S.I.	Initial Closed-in Pressure	_____ Mins.	_____ Mins.
D Initial Closed-in Pressure	_____ P.S.I.	Second Flow Pressure	_____ Mins.	_____ Mins.
E Second Initial Flow Pressure	_____ P.S.I.	Final Closed-in Pressure	_____ Mins.	_____ Mins.
F Second Final Flow Pressure	_____ P.S.I.			
G Final Closed-in Pressure	_____ P.S.I.			
H Final Hydrostatic Mud	<u>2012</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>80</u>	0	<u>75</u>	0	<u>1405</u>	0	<u>1477</u>
P 2 5	<u>80</u>	3	<u>8105</u>	5	<u>1425</u>	3	<u>1414</u>
P 3 10	<u>80</u>	6	<u>1350</u>	10	<u>1581</u>	6	<u>1384</u>
P 4 15	<u>80</u>	9	<u>1422</u>	15	<u>150</u>	9	<u>1449</u>
P 5 20	<u>84</u>	12	<u>1462</u>	20	<u>147</u>	12	<u>1474</u>
P 6 25	<u>72</u>	15	<u>1488</u>	25		15	<u>1492</u>
P 7 30	<u>73</u>	18	<u>1510</u>	30		18	<u>1508</u>
P 8 35	<u>75</u>	21	<u>1529</u>	35		21	<u>1517</u>
P 9 40		24	<u>1538</u>	40		24	<u>1526</u>
P10 45		27	<u>1545</u>	45		27	<u>1525</u>
P11 50		30	<u>1548</u>	50		30	
P12 55		33	<u>1550</u>	55		33	
P13 60		36	<u>1552</u>	60		36	
P14 65		39	<u>1555</u>	65		39	
P15 70		42	<u>1557</u>	70		42	
P16 75		45	<u>1560</u>	75		45	
P17 80		48		80		48	
P18 85		51		85		51	
P19 90		54		90		54	
P20 95		57		95		57	
100		60		100		60	

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

DST REPORT

GENERAL INFORMATION

DATE : 5/31/94
CUSTOMER : MCGINNESS OIL COMPANY
WELL : #1 TEST: 4
ELEVATION: 1517 GL
SECTION : 3
RANGE : 11W COUNTY: BARBER
GAUGE SN#: 4339 RANGE : 4300

TICKET : 20504
LEASE : INSLEE
GEOLOGIST: MCGINNESS
FORMATION: KANSAS CITY
TOWNSHIP : 33S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4210.00 ft TO: 4230.00 ft TVD: 4230.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4213.0 ft 4230.0 ft
TEMPERATURE: 111.0

DRILL COLLAR LENGTH:	243.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	3946.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	21.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	20.0 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:	4205.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4210.0 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. : PICKRELL RIG 1
MUD TYPE : CHEMICAL
WEIGHT : 9.000 ppg
CHLORIDES : 8200 ppm
JARS-MAKE :
DID WELL FLOW?: NO

VISCOSITY : 44.00 cp
WATER LOSS: 14.400 cc

SERIAL NUMBER:
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD 1/2 INCH SLOWLY BUILDING TO
2 1/2 INCH BLOW. FINAL FLOW PERIOD NO BLOW -
FLUSHED TOOL - GOOD SURGE - NO BLOW.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
150.0	0.0	0.0	80.0	20.0	MUDDY WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 82000 PPM

RATE INFORMATION

OIL VOLUME:	0.0000	STB	TOTAL FLOW TIME:	55.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	0.0000	STB/D
MUD VOLUME:	0.1475	STB	AVERAGE WATER RATE:	19.3123	STB/D
WATER VOLUME:	0.5901	STB			
TOTAL FLUID :	0.7376	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2069.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	113.00	68.00
INITIAL SHUT-IN	45.00		1549.00
FINAL FLOW	15.00	159.00	147.00
FINAL SHUT-IN	30.00		1528.00

FINAL HYDROSTATIC PRESSURE: 2037.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2024.00

Description	Duration	p1	p End
INITIAL FLOW	35.00	80.00	75.00
INITIAL SHUT-IN	45.00		1560.00
FINAL FLOW	20.00	165.00	147.00
FINAL SHUT-IN	27.00		1535.00

FINAL HYDROSTATIC PRESSURE: 2012.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 5/31/94	TICKET : 20504
CUSTOMER : MCGINNESS OIL COMPANY	LEASE : INSLEE
WELL : #1 TEST: 4	GEOLOGIST: MCGINNESS
ELEVATION: 1517 GL	FORMATION: KANSAS CITY
SECTION : 3	TOWNSHIP : 33S
RANGE : 11W	STATE : KS
GAUGE SN#: 4339	CLOCK : 12
COUNTY: BARBER	
RANGE : 4300	

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	80.00	80.00
5.00	80.00	0.00
10.00	80.00	0.00
15.00	80.00	0.00
20.00	74.00	-6.00
25.00	72.00	-2.00
30.00	73.00	1.00
35.00	75.00	2.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	865.00	865.00	0.00
6.00	1350.00	485.00	0.00
9.00	1422.00	72.00	0.00
12.00	1463.00	41.00	0.00
15.00	1488.00	25.00	0.00
18.00	1510.00	22.00	0.00
21.00	1529.00	19.00	0.00
24.00	1538.00	9.00	0.00
27.00	1545.00	7.00	0.00
30.00	1548.00	3.00	0.00
33.00	1550.00	2.00	0.00
36.00	1552.00	2.00	0.00
39.00	1555.00	3.00	0.00
42.00	1557.00	2.00	0.00
45.00	1560.00	3.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	165.00	165.00
5.00	142.00	-23.00
10.00	158.00	16.00
15.00	150.00	-8.00
20.00	147.00	-3.00

FINAL SHUT IN

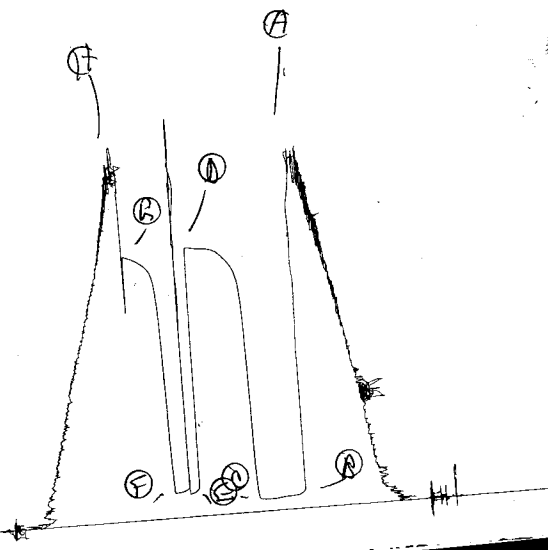
Time (min)	Pressure	Delta P	Horner T
3.00	1111.00	1111.00	0.00
6.00	1384.00	273.00	0.00
9.00	1449.00	65.00	0.00
12.00	1474.00	25.00	0.00
15.00	1492.00	18.00	0.00
18.00	1508.00	16.00	0.00
21.00	1517.00	9.00	0.00
24.00	1526.00	9.00	0.00
27.00	1535.00	9.00	0.00

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