



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

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET **Nº 20501**

Elevation 1517 GL Formation Snyderville Eff. Pay _____ Ft.

District PRATT Date 5-29-94 Customer Order No. _____

COMPANY NAME McGINNESS oil Co

ADDRESS 150 N. main Suite 1026 Wichita KS 67202

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

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

Mail Charts To _____ Address _____ No. Copies Requested _____

Formation Test No. 1 Interval Tested From 3586 ft. to 3654 ft. Total Depth 3654 ft.

Packer Depth 3581 ft. Size 6 5/8 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 3586 ft. Size 6 5/8 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3589 ft. Recorder Number 4339 Cap. 4300

Bottom Recorder Depth (Outside) 3654 ft. Recorder Number 13548 Cap. 4075

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor Pickrel #1 Drill Collar Length 213 I. D. 2 1/4 in.

Mud Type CHEMICAL Viscosity 43 Weight Pipe Length _____ I. D. _____ in.

Weight 8.8 Water Loss 12.0 cc. Drill Pipe Length 3352 I. D. 3.8 in.

Chlorides 3,200 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.

Jars: Make _____ Serial Number _____ Anchor Length 68 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: Surge in Bucket on opening No Blow Flush Tool

ON 2ND Flow Good Surge NO Blow

Recovered _____ ft. of _____

Recovered 30 ft. of D-19 mud

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Chlorides _____ P.P.M. Sample Jars used _____ Remarks: _____

Time On Location 2:15 P.M. Time Pick Up Tool 3:30 P.M. Time Off Location _____ A.M. P.M.

Time Set Packer(s) 5:10 P.M. Time Started Off Bottom 7:10 A.M. P.M. Maximum Temperature 107

Initial Hydrostatic Pressure _____ (A) 1702 P.S.I.

Initial Flow Period _____ Minutes 30 (B) 151 P.S.I. to (C) 60 P.S.I.

Initial Closed In Period _____ Minutes 30 (D) 60 P.S.I.

Final Flow Period _____ Minutes 30 (E) 60 P.S.I. to (F) 70 P.S.I.

Final Closed In Period _____ Minutes 30 (G) 70 P.S.I.

Final Hydrostatic Pressure _____ (H) 1713 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]
Signature of Customer or his authorized representative

Western Representative STUART STOVER

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 5-29-94
Recorder No. 4559

Test Ticket No. 20507

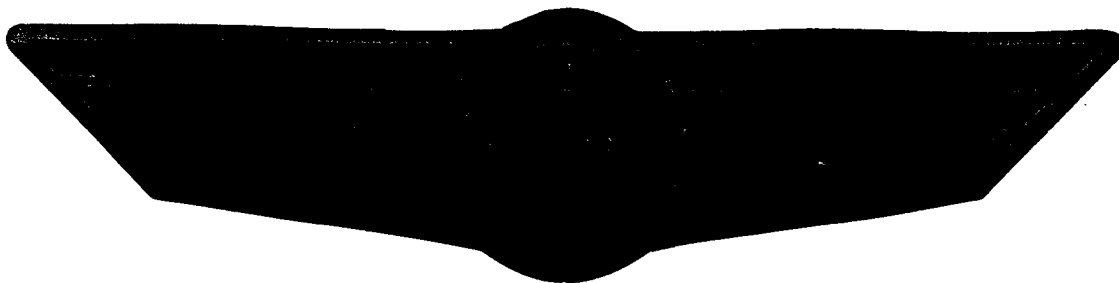
Capacity _____ Location _____ Ft. _____
Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1722</u> P.S.I.			M
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>1684</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 <u>0</u>	<u>101</u>	<u>0</u>	<u>56</u>	<u>0</u>	<u>47</u>	<u>0</u>	<u>59</u>
P 2 <u>5</u>	<u>81</u>	<u>3</u>	<u>55</u>	<u>5</u>	<u>47</u>	<u>3</u>	<u>52</u>
P 3 <u>10</u>	<u>72</u>	<u>6</u>	<u>55</u>	<u>10</u>	<u>76 FT</u>	<u>6</u>	<u>55</u>
P 4 <u>15</u>	<u>65</u>	<u>9</u>	<u>54</u>	<u>15</u>	<u>69</u>	<u>9</u>	<u>54</u>
P 5 <u>20</u>	<u>61</u>	<u>12</u>	<u>5</u>	<u>20</u>	<u>65</u>	<u>12</u>	<u>51</u>
P 6 <u>25</u>	<u>58</u>	<u>15</u>	<u>54</u>	<u>25</u>	<u>61</u>	<u>15</u>	<u>49</u>
P 7 <u>30</u>	<u>56</u>	<u>18</u>	<u>53</u>	<u>30</u>	<u>59</u>	<u>18</u>	<u>7</u>
P 8 <u>35</u>		<u>21</u>	<u>52</u>	<u>35</u>		<u>21</u>	
P 9 <u>40</u>		<u>24</u>	<u>51</u>	<u>40</u>		<u>24</u>	
P10 <u>45</u>		<u>27</u>	<u>49</u>	<u>45</u>		<u>27</u>	
P11 <u>50</u>		<u>30</u>	<u>47</u>	<u>50</u>		<u>30</u>	<u>49</u>
P12 <u>55</u>		<u>33</u>		<u>55</u>		<u>33</u>	
P13 <u>60</u>		<u>36</u>		<u>60</u>		<u>36</u>	
P14 <u>65</u>		<u>39</u>		<u>65</u>		<u>39</u>	
P15 <u>70</u>		<u>42</u>		<u>70</u>		<u>42</u>	
P16 <u>75</u>		<u>45</u>		<u>75</u>		<u>45</u>	
P17 <u>80</u>		<u>48</u>		<u>80</u>		<u>48</u>	
P18 <u>85</u>		<u>51</u>		<u>85</u>		<u>51</u>	
P19 <u>90</u>		<u>54</u>		<u>90</u>		<u>54</u>	
P20 <u>95</u>		<u>57</u>		<u>95</u>		<u>57</u>	
<u>100</u>		<u>60</u>		<u>100</u>		<u>60</u>	

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

DST REPORT

GENERAL INFORMATION

DATE : 5/29/94
CUSTOMER : MCGINNESS OIL COMPANY
WELL : #1 TEST: 1
ELEVATION: 1517 GL
SECTION : 3
RANGE : 11W COUNTY: BARBER
GAUGE SN#: 4339 RANGE : 4300

TICKET : 20501
LEASE : INSLEE
GEOLOGIST: MCGINNESS
FORMATION: SNYDERVILLE
TOWNSHIP : 33S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 3586.00 ft TO: 3654.00 ft TVD: 3654.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 3589.0 ft 3654.0 ft
TEMPERATURE: 107.0

DRILL COLLAR LENGTH:	213.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	3352.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	21.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	68.0 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:	3581.0 ft	SIZE:	6.630 in
PACKER DEPTH:	3586.0 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 : 8.800 ppg
CHLORIDES : 3200 ppm
JARS-MAKE :
DID WELL FLOW?: NO

VISCOSITY : 43.00 cp
WATER LOSS: 12.000 cc

SERIAL NUMBER:
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD SURGE IN BUCKET ON OPENING
FINAL FLOW PERIOD NO BLOW - FLUSHED TOOL - GOOD
SURGE - NO BLOW.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
30.0	0.0	0.0	0.0	100.0	DRILLING MUD

RATE INFORMATION

OIL VOLUME:	0.0000	STB	TOTAL FLOW TIME:	60.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	0.0000	STB/D
MUD VOLUME:	0.1475	STB	AVERAGE WATER RATE:	0.0000	STB/D
WATER VOLUME:	0.0000	STB			
TOTAL FLUID :	0.1475	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1702.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	151.00	60.00
INITIAL SHUT-IN	30.00		60.00
FINAL FLOW	30.00	60.00	70.00
FINAL SHUT-IN	30.00		70.00

FINAL HYDROSTATIC PRESSURE: 1713.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1723.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	101.00	56.00
INITIAL SHUT-IN	30.00		47.00
FINAL FLOW	30.00	47.00	59.00
FINAL SHUT-IN	30.00		49.00

FINAL HYDROSTATIC PRESSURE: 1684.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 5/29/94	TICKET : 20501
CUSTOMER : MCGINNESS OIL COMPANY	LEASE : INSLEE
WELL : #1 TEST: 1	GEOLOGIST: MCGINNESS
ELEVATION: 1517 GL	FORMATION: SNYDERVILLE
SECTION : 3	TOWNSHIP : 33S
RANGE : 11W COUNTY: BARBER	STATE : KS
GAUGE SN#: 4339 RANGE : 4300	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	101.00	101.00
5.00	81.00	-20.00
10.00	73.00	-8.00
15.00	65.00	-8.00
20.00	61.00	-4.00
25.00	58.00	-3.00
30.00	56.00	-2.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	55.00	55.00	0.00
6.00	55.00	0.00	0.00
9.00	54.00	-1.00	0.00
12.00	54.00	0.00	0.00
15.00	54.00	0.00	0.00
18.00	53.00	-1.00	0.00
21.00	52.00	-1.00	0.00
24.00	51.00	-1.00	0.00
27.00	49.00	-2.00	0.00
30.00	47.00	-2.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	47.00	47.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

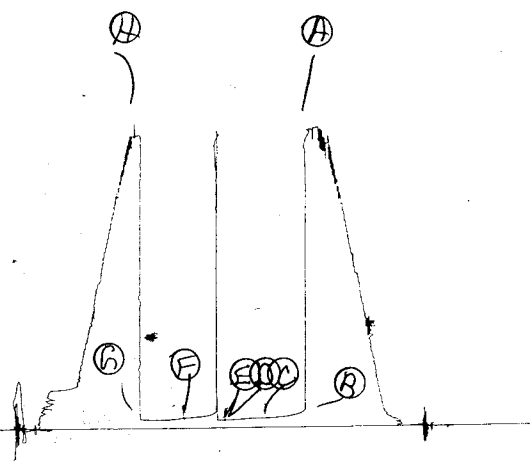
Time (min)	Pressure	Delta P
5.00	47.00	0.00
10.00	76.00	29.00
15.00	69.00	-7.00
20.00	65.00	-4.00
25.00	61.00	-4.00
30.00	59.00	-2.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	57.00	57.00	0.00
6.00	55.00	-2.00	0.00
9.00	53.00	-2.00	0.00
12.00	51.00	-2.00	0.00
15.00	49.00	-2.00	0.00
18.00	49.00	0.00	0.00
21.00	49.00	0.00	0.00
24.00	49.00	0.00	0.00
27.00	49.00	0.00	0.00
30.00	49.00	0.00	0.00

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