Flat ticket

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET Nº 4049

P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

Elevation ____ Formation Simpson Eff. Pay ____ Ft.

District Pratt Date 11-6-79 Customer Order No. ____

COMPANY NAME Vincent Oil Corp

ADDRESS 230 OW Garvey Bldg Wichita

LEASE AND WELL NO. Hufford #1 COUNTY Kingman STATE Ks. Sec. 24 Twp. 30S Rge. 7W

Mail Invoice To Same (Co. Name) Address No. Copies Requested ____

Mail Charts To Same Address No. Copies Requested ____

Formation Test No. 2 Interval Tested from ~~4580~~ 4581 ft. to 4635 ft. Total Depth 4635 ft.

Packer Depth 4576 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Packer Depth 4581 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 4589 ft. Recorder Number 3354 Cap. 4150

Bottom Recorder Depth (Outside) 4592 ft. Recorder Number 2605 Cap. 4200

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

Drilling Contractor Raino & Williams Rig 3

Mud Type Drispac Viscosity 51

Weight 9.3 Water Loss 10.2 cc.

Chlorides 15.000 P.P.M.

Jars: Make WTC Serial Number 404

Did Well Flow? No Reversed Out No

Drill Collar Length 445 I. D. 2 1/4 in.

Weight Pipe Length — I. D. — in.

Drill Pipe Length ~~29~~ 4136 I. D. 3.8 in.

Test Tool Length 29' ft. Tool Size 5 1/2 OD in.

Anchor Length 23' ft. Size 5 1/2 OD in.

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 F.H. in.

Blow: Weak to Stong blow throughout test - Stong Blow 12 min on Initial - 20 min on Finial

Recovered 180 ft. of watery drilling mud

Recovered 180 ft. of muddy water

Recovered 300 ft. of water - chlorides — 62,000 P.P.M Middle

86,000 P.P.M Bottom

Recovered ____ ft. of

Recovered ____ ft. of

Remarks: ____

Time Set Packer(s) 9:40 ~~A.M.~~ P.M. Time Started Off Bottom 12:40 ~~A.M.~~ P.M. Maximum Temperature 143°

Initial Hydrostatic Pressure		(A) ~~2530~~ 2461	P.S.I.
Initial Flow Period	Minutes 30	(B) ~~70~~ 73	P.S.I. to (C) ~~230~~ 242 P.S.I.
Initial Closed In Period	Minutes 60	(D) ~~1560~~ 1635	P.S.I.
Final Flow Period	Minutes 30	(E) ~~250~~ 295	P.S.I. to (F) ~~330~~ 348 P.S.I.
Final Closed In Period	Minutes 60	(G) ~~1530~~ 1614	P.S.I.
Final Hydrostatic Pressure		(H) ~~2450~~ 2276	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 Lawrence E. Stalmaker
Signature of Customer or his authorized representative

RECEIVED NOV 7 - 1979

Western Representative Rod Isitt Thank you

FIELD INVOICE

Open Hole Test	$ 550.00
Misrun	$ ____
Straddle Test	$ ____
Jars	$ 275.00
Selective Zone	$ ____
Safety Joint	$ 35.00
Standby	$ ____
Evaluation	$ ____
Extra Packer	$ ____
Circ. Sub.	$ ____
Mileage	$ ____
Fluid Sampler	$ ____
Extra Charts	$ ____
TOTAL	$ 860.00

WESTERN TESTING CO., INC.
Pressure Data

Date 11-6-79 Test Ticket No. 4049

Recorder No. 3354 Capacity 4150 Location 4589 Ft.

Clock No. — Elevation — Well Temperature 143 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2303 P.S.I.	Open Tool	9:40 PM	
B First Initial Flow Pressure	74 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	253 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1626 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure	290 P.S.I.	Final Closed-in Pressure	60 Mins.	63 Mins.
F Second Final Flow Pressure	348 P.S.I.			
G Final Closed-in Pressure	1623 P.S.I.			
H Final Hydrostatic Mud	2335 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1 0	74
P 2 5	127
P 3 10	181
P 4 15	205
P 5 20	222
P 6 25	237
P 7 30	253
P 8 35	
P 9 40	
P10 45	
P11 50	
P12 55	
P13 60	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 20 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	253
3	778
6	1492
9	1532
12	1555
15	1566
18	1576
21	1583
24	1589
27	1593
30	1600
33	1604
36	1610
39	1610
42	1612
45	1616
48	1619
51	1621
54	1622
57	1624
60	1626

Second Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	290
5	292
10	304
15	316
20	327
25	338
30	348
35	
40	
45	
50	
55	
60	
65	
70	
75	
80	
85	
90	

Final Shut-In
Breakdown: 21 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	348
3	892
6	1511
9	1542
12	1561
15	1570
18	1578
21	1585
24	1589
27	1593
30	1596
33	1600
36	1603
39	1606
42	1610
45	1612
48	1614
51	1617
54	1619
57	1621
60	1622
63	1623

Company Vincent Oil Corporation — Lease & Well No. Hufford #1

Elevation --- — Formation Simpson — Effective Pay ---- Ft. — Ticket No. 4049

Date 11/6/79 — Sec. 24 — Twp. 30S — Range 7W — County Kingman — State Kansas

Test Approved by Raymond E. Palmer — Western Representative Rod Tritt

Formation Test No. 2 — Interval Tested from 4581 ft. to 4635 ft. — Total Depth 4635 ft.

Packer Depth 4576 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Packer Depth 4581 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4589 ft. — Recorder Number 3354 — Cap. 4150

Bottom Recorder Depth (Outside) 4592 ft. — Recorder Number 2605 — Cap. 4200

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

Drilling Contractor Rains & Williamson Drilling Rig #3 — Drill Collar Length 445 — I. D. 2¼ in.

Mud Type drispac — Viscosity 51 — Weight Pipe Length - — I. D. - in.

Weight 9.3 — Water Loss 10.2 cc. — Drill Pipe Length 4136 — I. D. 3.8 in.

Chlorides 15,000 P.P.M. — Test Tool Length 29 ft. — Tool Size 5½OD in.

Jars: Make WTC — Serial Number 404 — Anchor Length 23 ft. — Size 5½OD in.

Did Well Flow? No — Reversed Out No — Surface Choke Size 3/4 in. — Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. — Tool Joint Size 4½FH in.

Blow: Weak to strong blow throughout test. Strong blow twelve minutes on initial flow. Twemty minutes on final flow.

Recovered 180 ft. of watery drilling mud

Recovered 180 ft. of muddy water

Recovered 300 ft. of water chlorides - 62,000 ppm Middle

Recovered ft. of 86,000 ppm Bottom

Recovered ft. of

Remarks:

Time Set Packer(s) 9:40 ~~A.M.~~ P.M. — Time Started Off Bottom 12:40 A.M. ~~P.M.~~ — Maximum Temperature 143°

Initial Hydrostatic Pressure			(A)	2303	P.S.I.	
Initial Flow Period	Minutes 30	(B)	74	P.S.I. to (C)	253	P.S.I.
Initial Closed In Period	Minutes 60	(D)	1626	P.S.I.		
Final Flow Period	Minutes 30	(E)	290	P.S.I. to (F)	348	P.S.I.
Final Closed In Period	Minutes 63	(G)	1623	P.S.I.		
Final Hydrostatic Pressure		(H)	2235	P.S.I.		

WESTERN TESTING CO., INC.

Pressure Data

Date 11/6/79 Test Ticket No. 4049

Recorder No. 3354 Capacity 4150 Location 4589 Ft.

Clock No. --- Elevation ---- Well Temperature 143 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2303 P.S.I.	Open Tool		9:40P M	
B	First Initial Flow Pressure	74 P.S.I.	First Flow Pressure		30 Mins.	30 Mins.
C	First Final Flow Pressure	253 P.S.I.	Initial Closed-in Pressure		60 Mins.	60 Mins.
D	Initial Closed-in Pressure	1626 P.S.I.	Second Flow Pressure		30 Mins.	30 Mins.
E	Second Initial Flow Pressure	290 P.S.I.	Final Closed-in Pressure		60 Mins.	63 Mins.
F	Second Final Flow Pressure	348 P.S.I.				
G	Final Closed-in Pressure	1623 P.S.I.				
H	Final Hydrostatic Mud	2235 P.S.I.				

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc. of 5 mins. and a final inc. of 0 Min.

Point Mins.	Press.
P 1 0	74
P 2 5	127
P 3 10	181
P 4 15	205
P 5 20	222
P 6 25	237
P 7 30	253
P 8	
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P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
20	

Initial Shut-In
Breakdown: 20 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	253
3	778
6	1492
9	1532
12	1555
15	1566
18	1576
21	1583
24	1589
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42	1612
45	1616
48	1619
51	1621
54	1622
57	1624
60	1626

Second Flow Pressure
Breakdown: 6 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	290
5	292
10	304
15	316
20	327
25	338
30	348

Final Shut-In
Breakdown: 21 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	348
3	892
6	1511
9	1542
12	1561
15	1570
18	1578
21	1585
24	1589
27	1593
30	1596
33	1600
36	1603
39	1606
42	1610
45	1612
48	1614
51	1617
54	1619
57	1621
60	1622
63	1623

3354
DST #1
Nufford #2
Vincent Oil

11-6-79

Tkt # 4049
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