

DIAMOND TESTING

P.O. Box 157

Page 1 of 2 Pages

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

CLHNB33DST1

Company Vess Oil Corporation Lease & Well No. Colahan "B" No. 33
 Elevation 2001 KB Formation Toronto - Lansing/Kansas City "F" Effective Pay _____ Ft. Ticket No. M397
 Date 9-26-12 Sec. 25 Twp. 11S Range 17W County Ellis State Kansas
 Test Approved By Roger L. Martin Diamond Representative Mike Cochran

Formation Test No. 1 Interval Tested from 3,165 ft. to 3,302 ft. Total Depth 3,302 ft.
 Packer Depth 3,160 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3,165 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,167 ft. Recorder Number 30037 Cap. 6,000 psi.
 Bottom Recorder Depth (Outside) 3,299 ft. Recorder Number 6884 Cap. 6,275 psi.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor L.D. Drilling, Inc. - Rig 1 Drill Collar Length _____ ft I.D. _____ in.
 Mud Type Chemical Viscosity 55 Weight Pipe Length _____ ft I.D. _____ in.
 Weight 8.9 Water Loss 7.4 cc. Drill Pipe Length 3,138 ft I.D. 3 1/4 in.
 Chlorides 2,900 P.P.M. Test Tool Length 27 ft Tool Size 3 1/2-IF in.
 Jars: Make Sterling Serial Number 1 Anchor Length 42' perf. w/ 95' drill pipe 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: A few bubbles on tool open, then no blow. No blow back during shut-in.

2nd Open: No blow. No blow back during shut-in.

Recovered 15 ft. of drilling mud = .153900 bbls. (Grind out: 100%-mud)
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks Tool Sample Grind Out: 100%-mud w/ a few spots of oil

Time Set Packer(s) 8:15 P.M. Time Started off Bottom 11:15 P.M. Maximum Temperature 100°
 Initial Hydrostatic Pressure.....(A) 1509 P.S.I.
 Initial Flow Period.....Minutes 30 (B) 20 P.S.I. to (C) 23 P.S.I.
 Initial Closed In Period.....Minutes 45 (D) 175 P.S.I.
 Final Flow Period.....Minutes 45 (E) 24 P.S.I. to (F) 25 P.S.I.
 Final Closed In Period.....Minutes 60 (G) 101 P.S.I.

DIAMOND TESTING

Pressure Survey Report

General Information

| | | | |
|------------------|--|----------------|---------------|
| Company Name | VESS OIL CORP | Job Number | M397 |
| Well Name | COLAHAN "B" #33 | Representative | MIKE COCHRAN |
| Unique Well ID | DST#1 3165-3302 TORONTO THRU LKC: F ZN | Well Operator | VESS OIL CORP |
| Surface Location | SEC.25-11S-17W ELLIS CO.KS. | Report Date | 2012/09/27 |
| Field | WILDCAT | Prepared By | MIKE COCHRAN |
| Well Type | Vertical | Qualified By | ROGER MARTIN |
| | | Test Unit | NO. 1 |

Test Information

| | | | |
|---------------------|--|-----------------|----------|
| Test Type | CONVENTIONAL | | |
| Formation | DST#1 3165-3302 TORONTO THRU LKC: F ZN | | |
| Test Purpose (AEUB) | Initial Test | | |
| Start Test Date | 2012/09/26 | Start Test Time | 18:35:00 |
| Final Test Date | 2012/09/27 | Final Test Time | 01:10:00 |
| | | Well Fluid Type | 01 Oil |
| Gauge Name | 30037 | | |
| Gauge Serial Number | | | |

Test Results

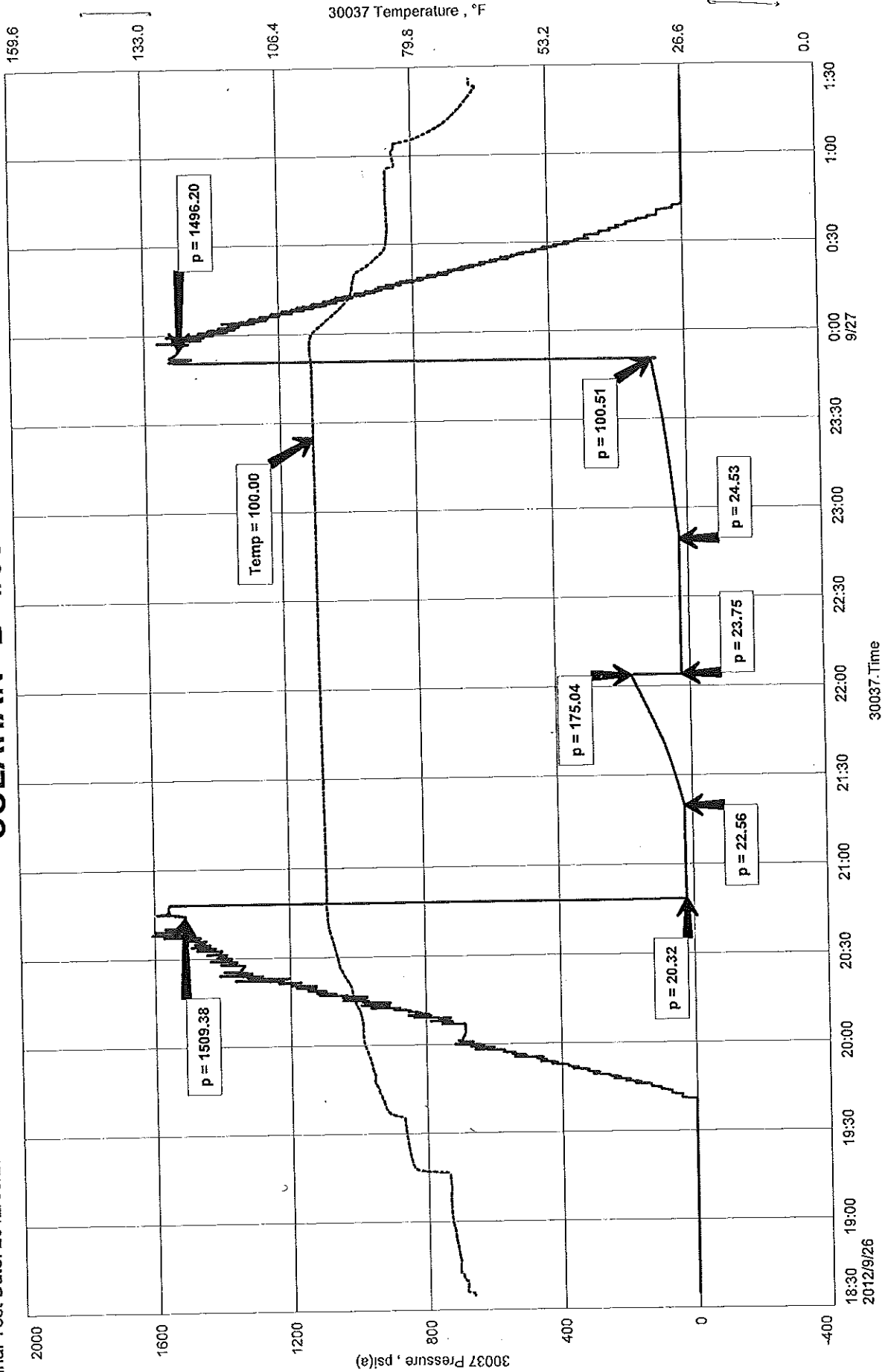
Remarks RECOVERED:
15' DM 100% MUD
15' TOTAL FLUID

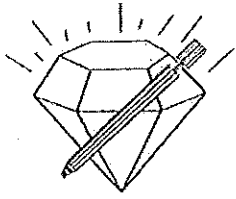
TOOL SAMPLE: 100% MUD W/ A FEW SPOTS OF OIL

COLAHAN "B" #33
Formation: DST#1 3165-3302 TORONTO THRU LKC: F ZN
Pool: WILDCAT
Job Number: M397

VESS OIL CORP
DST#1 3165-3302 TORONTO THRU LKC: F ZN
Start Test Date: 2012/09/26
Final Test Date: 2012/09/27

COLAHAN "B" #33





DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

CLHNB33DST2

Company Vess Oil Corporation Lease & Well No. Colahan "B" No. 33
Elevation 2001 KB Formation Lansing/Kansas City "G"-L Effective Pay -- Ft. Ticket No. M398
Date 9-27-12 Sec. 25 Twp. 11S Range 17W County Ellis State Kansas
Test Approved By Roger L. Martin Diamond Representative Mike Cochran

Formation Test No. 2 Interval Tested from 3,275 ft. to 3,465 ft. Total Depth 3,465 ft
Packer Depth 3,270 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,275 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,277 ft. Recorder Number 30037 Cap. 6,000 psi.
Bottom Recorder Depth (Outside) 3,462 ft. Recorder Number 6884 Cap. 6,275 psi.
Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi.

Drilling Contractor L.D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft I.D. -- in.
Mud Type Chemical Viscosity 57 Weight Pipe Length -- ft I.D. -- in.
Weight 9.1 Water Loss 7.6 cc. Drill Pipe Length 3,248 ft I.D. 3 1/4 in.
Chlorides 3,000 P.P.M. Test Tool Length 27 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number 1 Anchor Length 32' perf. w/ 158 drill pipe 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: Good, surface blow increasing to 3 1/2 ins. No blow back during shut-in.

2nd Open: Weak, surface blow increasing to 1 1/2 ins. No blow back during shut-in.

Recovered 175 ft. of drilling mud = 1.795500 bbls. (Grind out: 100%-mud)

Recovered -- ft. of --
Recovered -- ft. of --
Recovered -- ft. of --
Recovered -- ft. of --
Recovered -- ft. of --

Remarks Tool Sample Grind Out: 100%-drilling mud w/ a few spots of oil & a slight gassy odor
Tool slid 2 ft.

Time Set Packer(s) 8:15 P.M. Time Started off Bottom 11:15 P.M. Maximum Temperature 100°
Initial Hydrostatic Pressure (A) 1595 P.S.I.
Initial Flow Period Minutes 30 (B) 26 P.S.I. to (C) 66 P.S.I.
Initial Closed In Period Minutes 45 (D) 792 P.S.I.
Final Flow Period Minutes 45 (E) 71 P.S.I. to (F) 103 P.S.I.
Final Closed In Period Minutes 60 (G) 708 P.S.I.
Final Hydrostatic Pressure (H) 1546 P.S.I.

DIAMOND TESTING

Pressure Survey Report

General Information

| | | | |
|------------------|-----------------------------|------------------------|---------------|
| Company Name | VESS OIL CORP | Job Number | M398 |
| Well Name | COLAHAN "B" #33 | Representative | MIKE COCHRAN |
| Unique Well ID | DST#2 3275-3465 | LKC: G-L Well Operator | VESS OIL CORP |
| Surface Location | SEC.25-11S-17W ELLIS CO.KS. | Report Date | 2012/09/28 |
| Field | WILDCAT | Prepared By | MIKE COCHRAN |
| Well Type | Vertical | Qualified By | ROGER MARTIN |
| | | Test Unit | NO. 1 |

Test Information

| | | | |
|---------------------|--------------------------|-----------------|----------|
| Test Type | CONVENTIONAL | | |
| Formation | DST#2 3275-3465 LKC: G-L | | |
| Test Purpose (AEUB) | Initial Test | | |
| Start Test Date | 2012/09/27 | Start Test Time | 18:25:00 |
| Final Test Date | 2012/09/28 | Final Test Time | 01:15:00 |
| | | Well Fluid Type | 01 Oil |
| Gauge Name | 30037 | | |
| Gauge Serial Number | | | |

Test Results

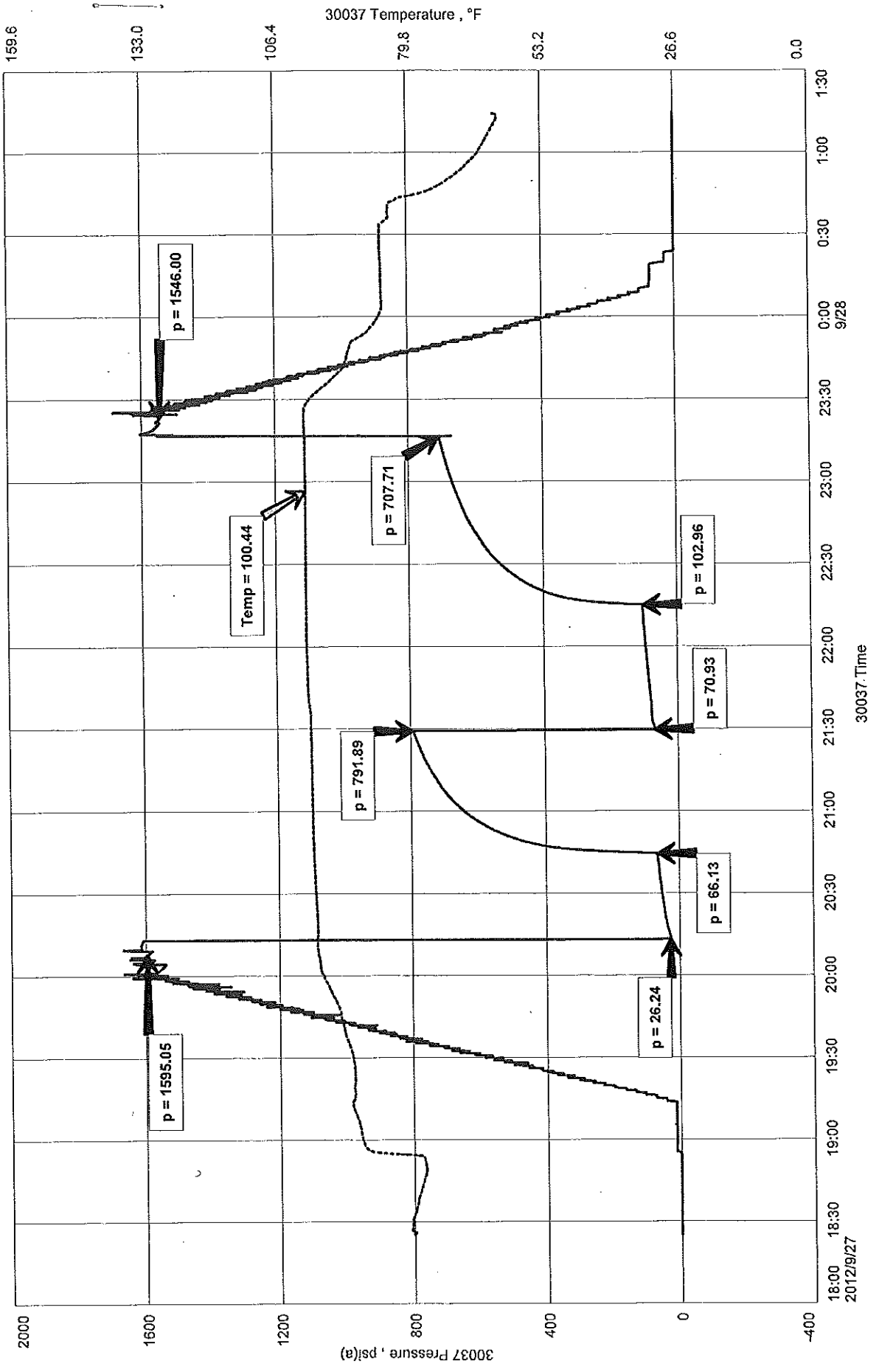
Remarks RECOVERED:
175' DM 100% MUD
175' TOTAL FLUID

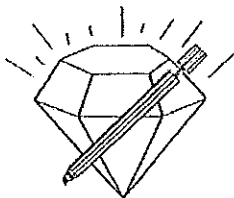
TOOL SAMPLE: 100% DRLG MUD, W/ A FEW SPECKS OF OIL AND A SLIGHT GASSY ODOR

COLAHAN "B" #33
 Formation: DST#2 3275-3465 LKC: G-L
 Pool: WILDCAT
 Job Number: M398

VESS OIL CORP
 DST#2 3275-3465 LKC: G-L
 Start Test Date: 2012/09/27
 Final Test Date: 2012/09/28

COLAHAN "B" #33





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
CLHNB33DST3

Company Vess Oil Corporation Lease & Well No. Colahan "B" No. 33
Elevation 2001 KB Formation Arbuckle Effective Pay _____ Ft. Ticket No. M399
Date 9-28-12 Sec. 25 Twp. 11S Range 17W County Ellis State Kansas
Test Approved By Roger L. Martin Diamond Representative Mike Cochran

Formation Test No. 3 Interval Tested from 3,463 ft. to 3,493 ft. Total Depth 3,493 ft.
Packer Depth 3,458 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3,463 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,465 ft. Recorder Number 30037 Cap. 6,000 psi.
Bottom Recorder Depth (Outside) 3,490 ft. Recorder Number 6884 Cap. 6,275 psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor L.D. Drilling, Inc. - Rig 1 Drill Collar Length _____ ft. I.D. _____ in.
Mud Type Chemical Viscosity 56 Weight Pipe Length _____ ft. I.D. _____ in.
Weight 9.2 Water Loss 8.0 cc. Drill Pipe Length 3,436 ft. I.D. 3 1/4 in.
Chlorides 3,000 P.P.M. Test Tool Length 27 ft. Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number 1 Anchor Length 30 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, surface blow increasing to 4 1/4 ins. No blow back during shut-in.

2nd Open: Weak, surface blow increasing to 3 1/2 ins. No blow back during shut-in.

Recovered 166 ft. of gas in pipe
Recovered 78 ft. of gassy oil = .800280 bbls. (Grind out: 5%-gas; 95%-oil) Gravity: 35.2 @ 60°
Recovered 73 ft. of gas & heavy oil cut watery mud = .748980 bbls. (Grind out: 10%-gas; 49%-oil; 6%-water; 35%-mud)
Recovered 151 ft. of TOTAL FLUID = 1.549260 bbls.

Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks Tool Sample Grind Out: 8%-gas; 31%-oil; 4%-water; 57%-mud
Tool took 15-20 ft. of mud on the initial tool open.

Time Set Packer(s) 2:15 P.M. Time Started off Bottom 5:15 P.M. Maximum Temperature 102°
Initial Hydrostatic Pressure.....(A) 1650 P.S.I.
Initial Flow Period.....Minutes 30 (B) 37 P.S.I. to (C) 49 P.S.I.
Initial Closed In Period.....Minutes 45 (D) 480 P.S.I.
Final Flow Period.....Minutes 45 (E) 55 P.S.I. to (F) 75 P.S.I.
Final Closed In Period.....Minutes 60 (G) 463 P.S.I.
Final Hydrostatic Pressure.....(H) 1600 P.S.I.

DIAMOND TESTING

Pressure Survey Report

General Information

| | | | |
|------------------|-----------------------------|----------------|---------------|
| Company Name | VESS OIL CORP | Job Number | M399 |
| Well Name | COLAHAN "B" #33 | Representative | MIKE COCHRAN |
| Unique Well ID | DST#3 3463-3493 ARBUCKLE | Well Operator | VESS OIL CORP |
| Surface Location | SEC.25-11S-17W ELLIS CO.KS. | Report Date | 2012/09/28 |
| Field | WILDCAT | Prepared By | MIKE COCHRAN |
| Well Type | Vertical | Qualified By | ROGER MARTIN |
| | | Test Unit | NO. 1 |

Test Information

| | | | |
|---------------------|--------------------------|-----------------|----------|
| Test Type | CONVENTIONAL | | |
| Formation | DST#3 3463-3493 ARBUCKLE | | |
| Test Purpose (AEUB) | Initial Test | | |
| Start Test Date | 2012/09/28 | Start Test Time | 12:40:00 |
| Final Test Date | 2012/09/28 | Final Test Time | 19:25:00 |
| | | Well Fluid Type | 01 Oil |
| Gauge Name | 30037 | | |
| Gauge Serial Number | | | |

Test Results

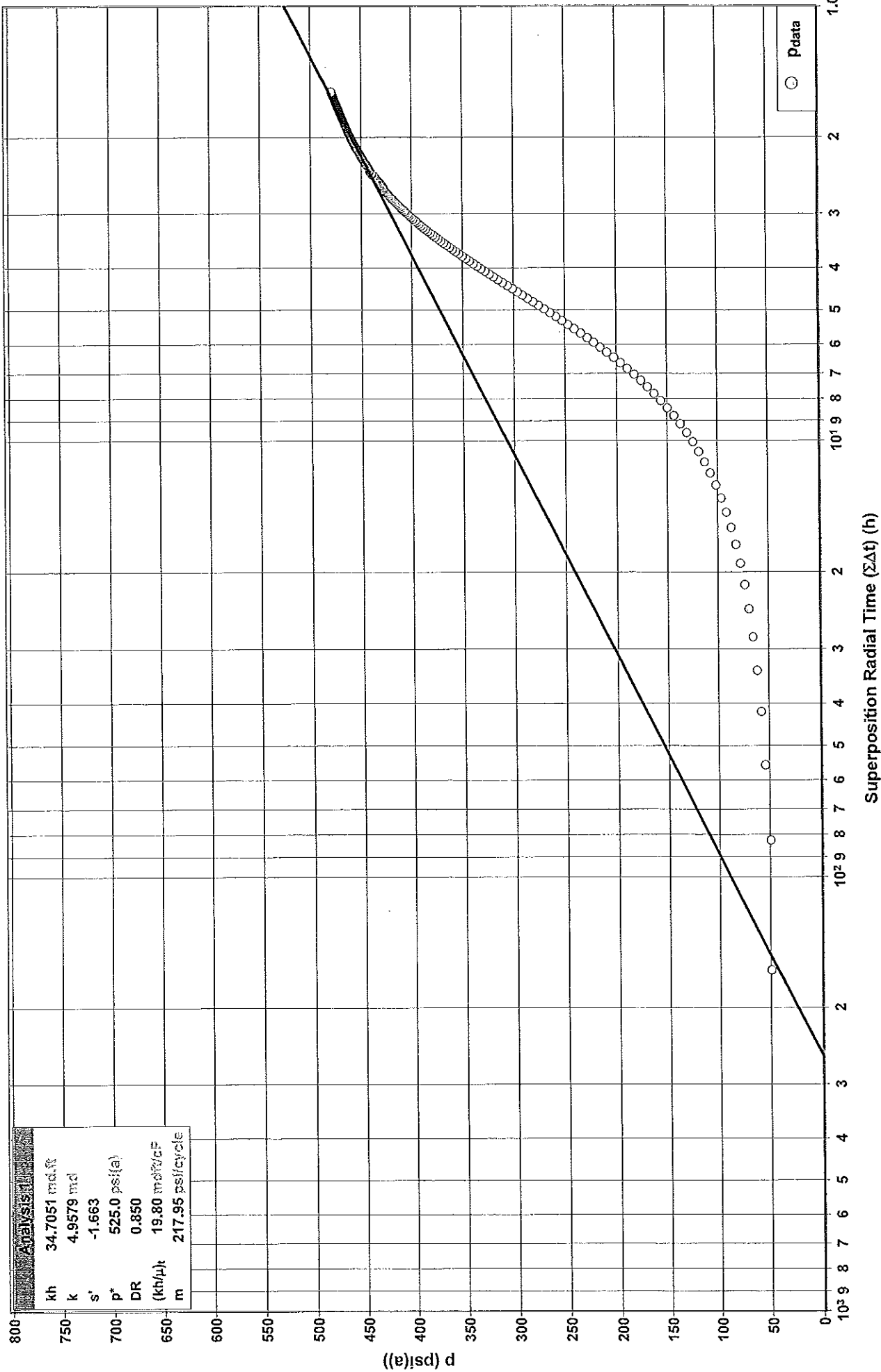
Remarks RECOVERED:
166' GIP
78' GO 5% GAS, 95% OIL
73' GHOCWM 10% GAS, 49% OIL, 6% WTR, 35% MUD
151' TOTAL FLUID

GRAVITY:35.2 @ 60

TOOL SAMPLE: 8% GAS, 31% OIL, 4% WTR, 57% MUD

DST #3 INITIAL SHUT-IN
Radial

VESS OIL CORPORATION
COLAHAN 'B' #33
DSWT #3 ARBUCKLE 3,463' - 3,493'



| Analysis 1 | |
|------------|------------------|
| kh | 34.7051 md.ft |
| k | 4.9579 md |
| s' | -1.663 |
| p* | 525.0 psi(a) |
| DR | 0.850 |
| (kh/μk) | 19.80 md/cP |
| m | 217.95 psi/cycle |

Oil Well Test - Buildup Radial Flow Analysis

Analysis Results

| | | | |
|---|------------------|---|--------|
| Flow Capacity (kh) | 34.7 md.ft | Total Skin (s') | -1.663 |
| Effective Permeability (k) | 4.9579 md | Skin Due to Damage (s _d) | -1.663 |
| Effective Gas Permeability (k _g) | md | Skin Due To Inclination (s _{inc}) | |
| Effective Oil Permeability (k _o) | 4.9579 md | Skin Due To Partial Penetration (s _{pp}) | |
| Effective Water Permeability (k _w) | md | Pressure Drop Due to Total Skin (Δp _{skin}) | psi(a) |
| Total Fluid Rate (in situ) ((qβ) _i) | 26.5 rbbl/d | Damage Ratio (DR) | 0.850 |
| Total Mobility ((k/μ) _i) | 2.83 md/cP | Flow Efficiency (FE) | 1.177 |
| Total Transmissivity ((kh/μ) _i) | 19.80 mdf/cP | | |
| Semi-Log Slope (m) | 217.95 psi/cycle | | |

Reservoir Parameters

| | |
|---|------------------|
| Net Pay (h) | 7.000 ft |
| Total Porosity (φ _t) | 15.00 % |
| Gas Saturation (S _g) | 0.00 % |
| Oil Saturation (S _o) | 80.00 % |
| Water Saturation (S _w) | 20.00 % |
| Formation Compressibility (c _f) | 4.1093e-06 1/psi |
| Total Compressibility (c _t) | 1.3153e-05 1/psi |
| Wellbore Radius (r _w) | 0.300 ft |

Pressures

| | |
|--|--------------|
| Extrapolated Pressure (p*) | 525.0 psi(a) |
| Final Flowing Pressure (p _{wf}) | 49.2 psi(a) |
| Final Measured Pressure (p _{last}) | 0.1 psi(a) |

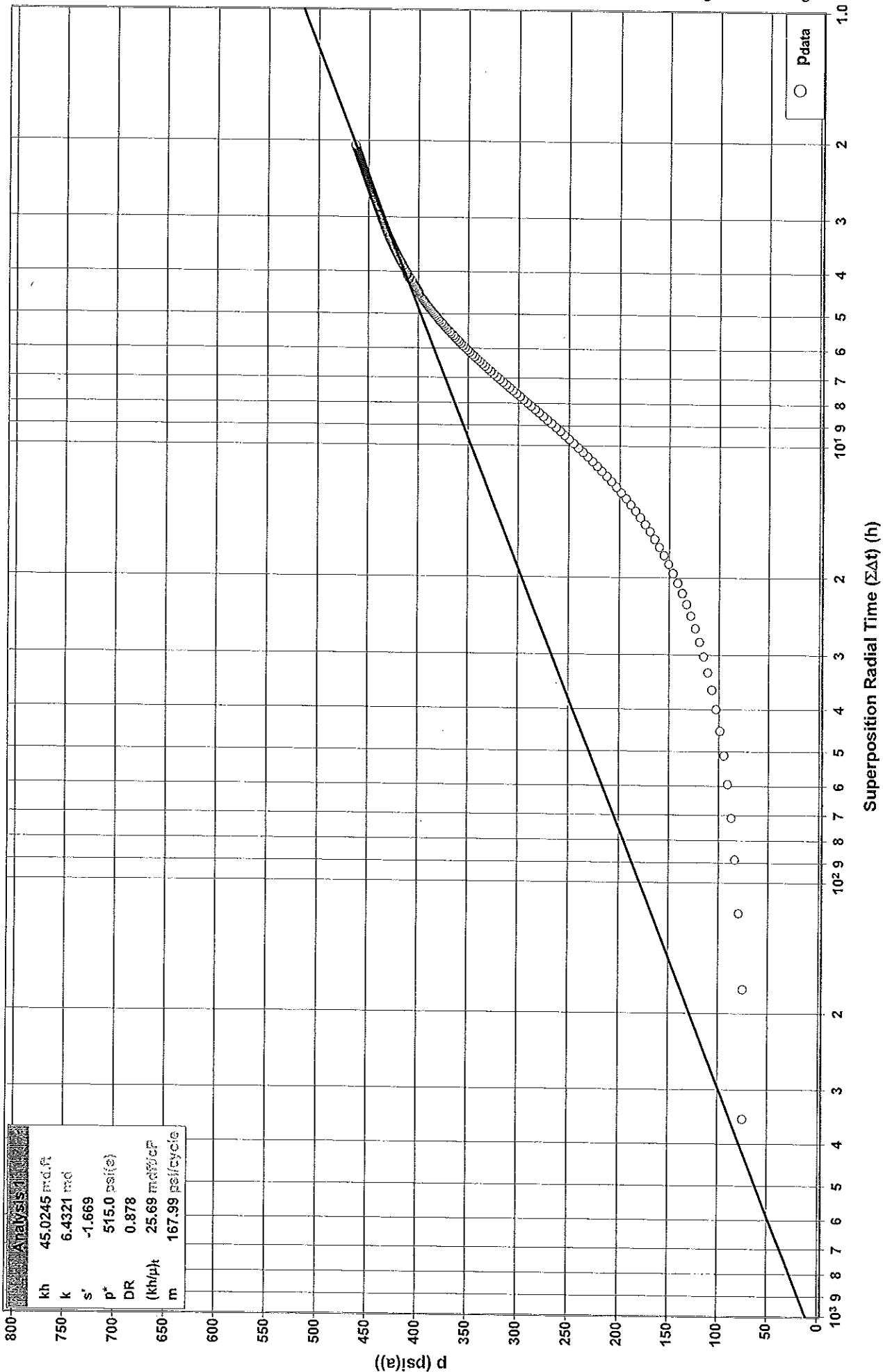
Fluid Properties

| | |
|---|-------------------|
| Reservoir Temperature (T _{resv}) | 102.0 °F |
| Reservoir Pressure (p _{resv}) | 1828.8 psi(a) |
| Oil Gravity (γ _o) | 35.2 °API |
| Oil Viscosity (μ _o) | 1.7524 cP |
| Oil Compressibility (c _o) | 1.0551e-05 1/psi |
| Oil Formation Volume Factor (B _o) | 1.207 |
| Solution Gas Ratio (R _s) | 386.3 scf/bbl |
| Oil Correlation | Vasquez and Beggs |
| Oil Viscosity Correlation | Beggs & Robinson |

Production and Times

| | |
|---|------------|
| Corrected Time (t _c) | 0.45 h |
| Total Cumulative Production Oil (Cum _{oil}) | 0.00 Mbbl |
| Final Oil Rate (q _{o final}) | 22.0 bbl/d |

**VESS OIL CORPORATION
COLAHAN 'B' #33
DST #3 ARBUCKLE 3,463' - 3,493'
Radial**



| Analysis | |
|----------|------------------|
| kh | 45.0245 md.ft |
| k | 6.4321 md |
| s' | -1.669 |
| p* | 515.0 psife) |
| DR | 0.878 |
| (kh/p) | 25.69 md/cp |
| m | 167.99 psi/cycle |

Oil Well Test - Buildup Radial Flow Analysis

Analysis Results

| | | | |
|---|------------------|---|--------|
| Flow Capacity (kh) | 45 md.ft | Total Skin (s') | -1.669 |
| Effective Permeability (k) | 6.4321 md | Skin Due to Damage (s _d) | -1.669 |
| Effective Gas Permeability (k _g) | md | Skin Due To Inclination (s _{inc}) | |
| Effective Oil Permeability (k _o) | 6.4321 md | Skin Due To Partial Penetration (s _{pp}) | |
| Effective Water Permeability (k _w) | md | Pressure Drop Due to Total Skin (Δp _{skin}) | psi(a) |
| Total Fluid Rate (in situ) ((qβ) _i) | 26.5 rbbl/d | Damage Ratio (DR) | 0.878 |
| Total Mobility ((k/μ) _i) | 3.67 md/cP | Flow Efficiency (FE) | 1.139 |
| Total Transmissivity ((kh/μ) _i) | 25.69 mdf/cP | | |
| Semi-Log Slope (m) | 167.99 psi/cycle | | |

Reservoir Parameters

| | |
|---|------------------|
| Net Pay (h) | 7.000 ft |
| Total Porosity (φ _t) | 15.00 % |
| Gas Saturation (S _g) | 0.00 % |
| Oil Saturation (S _o) | 80.00 % |
| Water Saturation (S _w) | 20.00 % |
| Formation Compressibility (c _f) | 4.1093e-06 1/psi |
| Total Compressibility (c _t) | 1.3153e-05 1/psi |
| Wellbore Radius (r _w) | 0.300 ft |

Pressures

| | |
|--|--------------|
| Extrapolated Pressure (p*) | 515.0 psi(a) |
| Final Flowing Pressure (p _{vfo}) | 74.6 psi(a) |
| Final Measured Pressure (p _{last}) | 0.1 psi(a) |

Fluid Properties

| | |
|---|-------------------|
| Reservoir Temperature (T _{resv}) | 102.0 °F |
| Reservoir Pressure (p _{resv}) | 1828.8 psi(a) |
| Oil Gravity (γ _o) | 35.2 °API |
| Oil Viscosity (μ _o) | 1.7524 cP |
| Oil Compressibility (c _o) | 1.0551e-05 1/psi |
| Oil Formation Volume Factor (B _o) | 1.207 |
| Solution Gas Ratio (R _s) | 386.3 scf/bbl |
| Oil Correlation | Vasquez and Beggs |
| Oil Viscosity Correlation | Beggs & Robinson |

Production and Times

| | |
|---|------------|
| Corrected Time (t _c) | 1.20 h |
| Total Cumulative Production Oil (Cum _{oil}) | 0.00 Mbbbl |
| Final Oil Rate (q _{o final}) | 22.0 bbl/d |

DST #3 ARBUCKLE 3,463' - 3,493

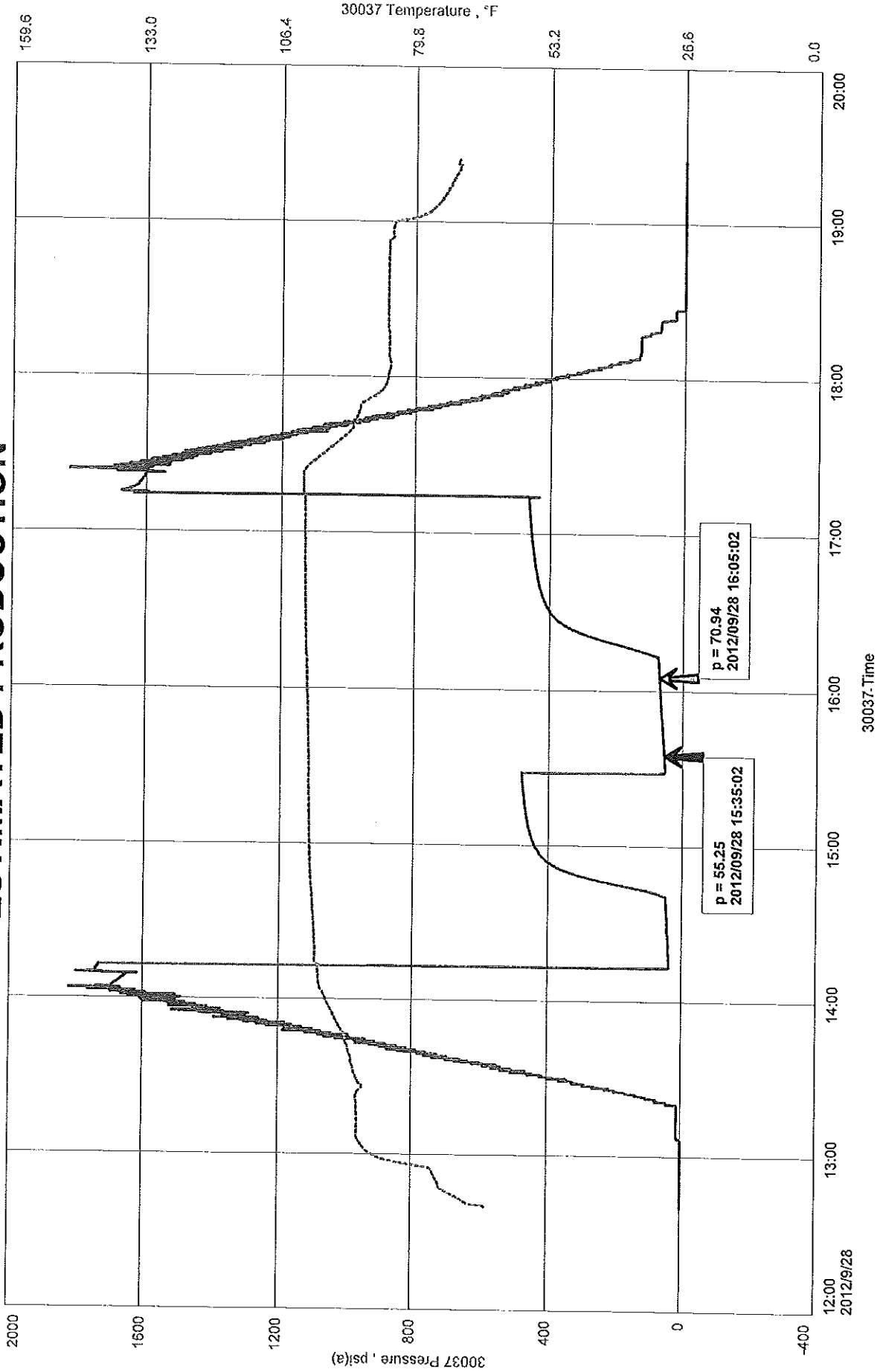
VESS OIL CORPORATION
COLAHAN 'B' #33

| | | | | | | | | | | |
|--------------------|----------------|----------------|-----------------|----------------|-----------------|---------------|--------------|-------------------|-------------------|------------------|
| <u>DESCRIPTION</u> | <u>SECOND</u> | <u>FIRST</u> | <u>PRESSURE</u> | <u>DRILL-</u> | <u>FLUID</u> | <u>TIME</u> | <u>TOTAL</u> | <u>DAILY</u> | <u>AVERAGE</u> | <u>ESTIMATED</u> |
| FINAL FLOW | <u>READING</u> | <u>READING</u> | <u>CHANGE</u> | <u>PIPE</u> | <u>GRADIENT</u> | <u>CHANGE</u> | <u>TIME</u> | <u>PRODUCTION</u> | <u>PERCENTAGE</u> | <u>DAILY</u> |
| | 71 | 55 | 16 | <u>SIZE-ID</u> | 0.368 | 30 | 1440 | 30 | OIL | PRODUCTION |
| | | | | 0.0142 | | | | | 72.76% | 22 |

VESS OIL CORP
 DST#3 3463-3493 ARBUCKLE
 Start Test Date: 2012/09/28
 Final Test Date: 2012/09/28

COLAHAN "B" #33
 Formation: DST#3 3463-3493 ARBUCKLE
 Pool: WILDCAT
 Job Number: M399

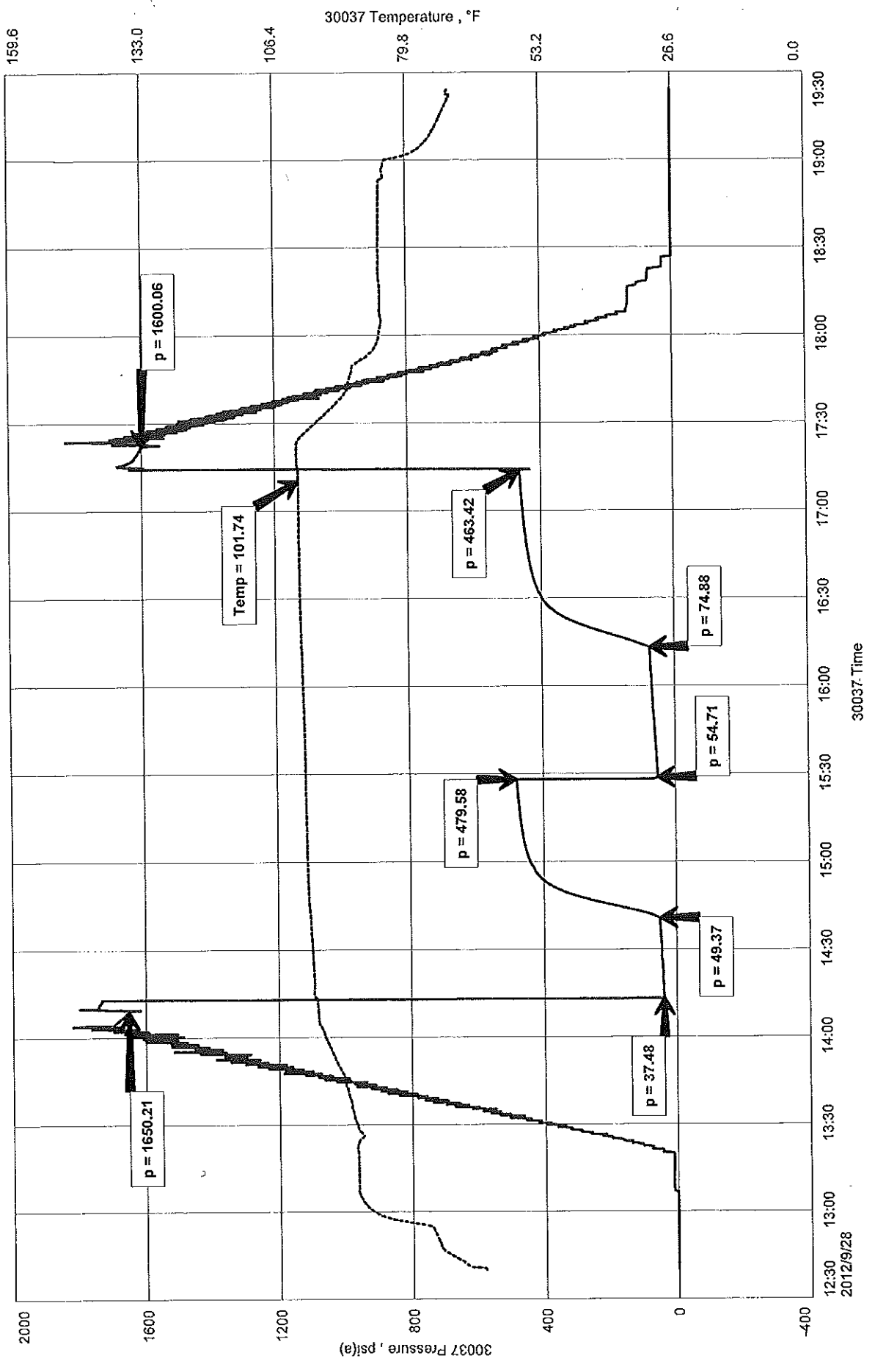
ESTIMATED PRODUCTION

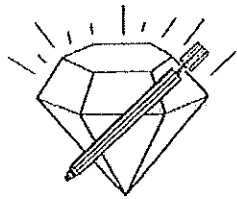


COLAHAN "B" #33
 Formation: DST#3 3463-3493 ARBUCKLE
 Pool: WILDCAT
 Job Number: M399

COLAHAN "B" #33

VESS OIL CORP
 DST#3 3463-3493 ARBUCKLE
 Start Test Date: 2012/09/28
 Final Test Date: 2012/09/28





DIAMOND TESTING

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Page 1 of 2 Pages

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CLHNB33DST4

Company Vess Oil Corporation Lease & Well No. Colahan "B" No. 33
 Elevation 2001 KB Formation Arbuckle Effective Pay Ft. Ticket No. M400
 Date 9-29-12 Sec. 25 Twp. 11S Range 17W County Ellis State Kansas
 Test Approved By Roger L. Martin Diamond Representative Mike Cochran

Formation Test No. 4 Interval Tested from 3,493 ft. to 3,503 ft. Total Depth 3,503 ft.
 Packer Depth 3,488 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Packer Depth 3,493 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,495 ft. Recorder Number 30037 Cap. 6,000 psi.
 Bottom Recorder Depth (Outside) 3,500 ft. Recorder Number 6884 Cap. 6,275 psi.
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor L.D. Drilling, Inc. - Rig 1 Drill Collar Length ft. I.D. in.
 Mud Type Chemical Viscosity 60 Weight Pipe Length ft. I.D. in.
 Weight 9.2 Water Loss 8.0 cc. Drill Pipe Length 3,466 ft. I.D. 3 1/4 in.
 Chlorides 3,000 P.P.M. Test Tool Length 27 ft. Tool Size 3 1/2-IF in.
 Jars: Make Sterling Serial Number 1 Anchor Length 10 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: Good, surface blow increasing to 1 in. immediately. Decreased to a weak, intermittent surface blow after 11 mins. No blow back during shut-in.
 2nd Open: Weak, 1/4 in. blow decreasing to a weak, intermittent surface blow. No blow back during shut-in.

Recovered 86 ft. of gas in pipe
 Recovered 1 ft. of clean oil w/ a trace of water = .010260 bbls. (Grind out: 100%-oil) Gravity: 35.4 @ 60°
 Recovered 40 ft. of gas & oil cut muddy water = .410400 bbls. (Grind out: 2%-gas; 22%-oil; 6%-water; 70%-mud) Chlorides: 600 Ppm PH: 8.0 RW: 9.0 @ 72°
 Recovered 41 ft. of TOTAL FLUID = .420660 bbls.
 Recovered ft. of
 Recovered ft. of
 Remarks Tool Sample Grind Out: 6%-gas; 31%-oil; 18%-water; 45%-mud

Time Set Packer(s) 5:15 A.M. Time Started off Bottom 8:15 A.M. Maximum Temperature 102°
 Initial Hydrostatic Pressure.....(A) 1698 P.S.I.
 Initial Flow Period.....Minutes 30 (B) 21 P.S.I. to (C) 23 P.S.I.
 Initial Closed In Period.....Minutes 45 (D) 480 P.S.I.
 Final Flow Period.....Minutes 45 (E) 26 P.S.I. to (F) 28 P.S.I.
 Final Closed In Period.....Minutes 60 (G) 445 P.S.I.
 Final Hydrostatic Pressure.....(H) 1632 P.S.I.

DIAMOND TESTING

Pressure Survey Report

General Information

| | | | |
|------------------|-----------------------------|----------------|---------------|
| Company Name | VESS OIL CORP | Job Number | M400 |
| Well Name | COLAHAN "B" #33 | Representative | MIKE COCHRAN |
| Unique Well ID | DST#4 3493-3503 ARBUCKLE | Well Operator | VESS OIL CORP |
| Surface Location | SEC.25-11S-17W ELLIS CO.KS. | Report Date | 2012/09/29 |
| Field | WILDCAT | Prepared By | MIKE COCHRAN |
| Well Type | Vertical | Qualified By | ROGER MARTIN |
| | | Test Unit | NO. 1 |

Test Information

| | | | |
|---------------------|--------------------------|-----------------|----------|
| Test Type | CONVENTIONAL | | |
| Formation | DST#4 3493-3503 ARBUCKLE | | |
| Test Purpose (AEUB) | Initial Test | | |
| Start Test Date | 2012/09/29 | Start Test Time | 02:56:00 |
| Final Test Date | 2012/09/29 | Final Test Time | 10:15:00 |
| | | Well Fluid Type | 01 Oil |
| Gauge Name | 30037 | | |
| Gauge Serial Number | | | |

Test Results

Remarks RECOVERED:
86' GIP
<1' CO ~100% OIL W/ A TR OF WTR
40' GOCWM 2% GAS, 22% OIL, 6% WTR, 70% MUD
<41' TOTAL FLUID

CHLOR: 600PPM
PH:8.0
RW: 9.0 @ 72 DEG

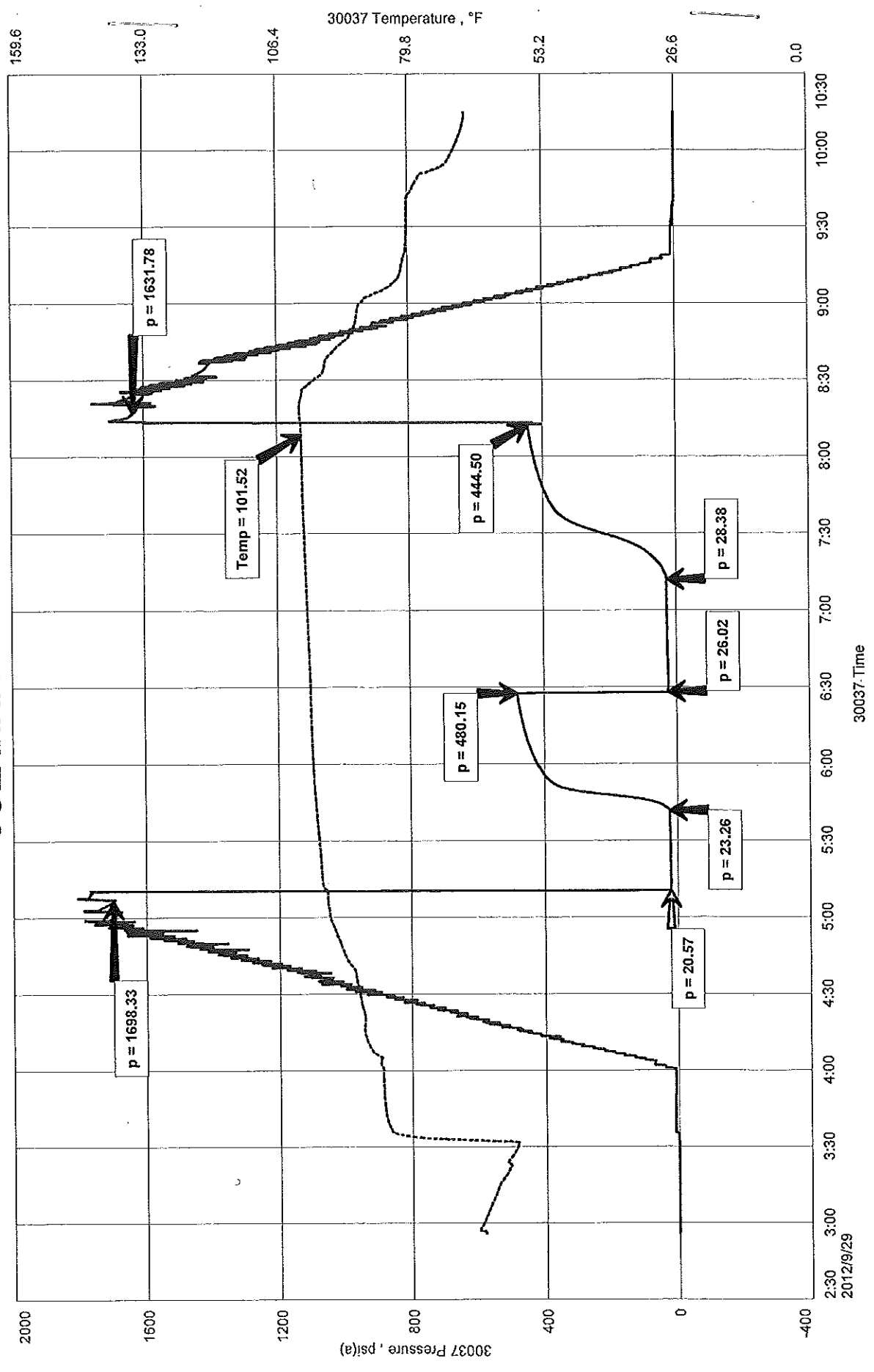
GRAVITY: 35.4 @ 60

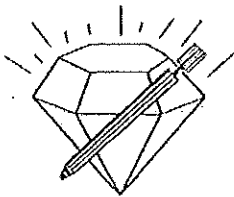
TOOL SAMPLE: 6% GAS, 31% OIL, 18% WTR, 45% MUD

VESS OIL CORP
 DST#4 3493-3503 ARBUCKLE
 Start Test Date: 2012/09/29
 Final Test Date: 2012/09/29

COLAHAN "B" #33
 Formation: DST#4 3493-3503 ARBUCKLE
 Pool: WILDCAT
 Job Number: M400

COLAHAN "B" #33





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
CLHNB33DST5

Company Vess Oil Corporation Lease & Well No. Colahan "B" No. 33
Elevation 2001 KB Formation Arbuckle Effective Pay Ft. Ticket No. M401
Date 9-29-12 Sec. 25 Twp. 11S Range 17W County Ellis State Kansas
Test Approved By Roger L. Martin Diamond Representative Mike Cochran

Formation Test No. 5 Interval Tested from 3,503 ft. to 3,518 ft. Total Depth 3,518 ft.
Packer Depth 3,498 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 3,503 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,505 ft. Recorder Number 30037 Cap. 6,000 ps
Bottom Recorder Depth (Outside) 3,515 ft. Recorder Number 6884 Cap. 6,275 ps
Below Straddle Recorder Depth ft. Recorder Number Cap. ps

Drilling Contractor L.D. Drilling, Inc. - Rig 1 Drill Collar Length ft. I.D.
Mud Type Chemical Viscosity 51 Weight Pipe Length ft. I.D.
Weight 9.1 Water Loss 8.0 cc. Drill Pipe Length 3,476 ft. I.D. 3 1/4 in.
Chlorides 3,500 P.P.M. Test Tool Length 27 ft. Tool Size 3 1/2-FH
Jars: Make Sterling Serial Number 1 Anchor Length 15 ft. Size 4 1/2-FH
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, surface blow increasing to 1 in. in 11 mins. Then decreased to a weak, intermittent surface blow. No blow back during shut-in.
2nd Open: Weak, surface blow. No blow back during shut-in.

Recovered 30 ft. of gas in pipe
Recovered 5 ft. of gassy watery oil = .051300 bbls. (Grind out: 4%-gas; 95%-oil; 1%-water) Gravity: 35.0 @ 60°
Recovered 50 ft. of gas & oil specked watery mud = .513000 bbls. (Grind out: 2%-gas; 2%-oil; 36%-water; 60%-mud) Chlorides: 1,100 Ppm PH: 8.0 RW: 1.1 @ 58
Recovered 55 ft. of TOTAL FLUID = .564300 bbls.

Recovered ft. of
Recovered ft. of
Remarks Tool Sample Grind Out: 3%-gas; 19%-oil; 32%-water; 46%-mud

Time Set Packer(s) 10:45 P.M. Time Started off Bottom 1:45 A.M. Maximum Temperature 102°
Initial Hydrostatic Pressure.....(A) 1648 P.S.I.
Initial Flow Period.....Minutes 30 (B) 16 P.S.I. to (C) 24 P.S.I.
Initial Closed In Period.....Minutes 45 (D) 440 P.S.I.
Final Flow Period.....Minutes 45 (E) 27 P.S.I. to (F) 34 P.S.I.
Final Closed In Period.....Minutes 60 (G) 427 P.S.I.
Final Hydrostatic Pressure.....(H) 1627 P.S.I.

DIAMOND TESTING

Pressure Survey Report

General Information

| | | | |
|------------------|-----------------------------|----------------|---------------|
| Company Name | VESS OIL CORP | Job Number | M401 |
| Well Name | COLAHAN "B" #33 | Representative | MIKE COCHRAN |
| Unique Well ID | DST#5 3503-3518 ARBUCKLE | Well Operator | VESS OIL CORP |
| Surface Location | SEC.25-11S-17W ELLIS CO.KS. | Report Date | 2012/09/30 |
| Field | WILDCAT | Prepared By | MIKE COCHRAN |
| Well Type | Vertical | Qualified By | ROGER MARTIN |
| | | Test Unit | NO. 1 |

Test Information

| | | | |
|---------------------|--------------------------|-----------------|----------|
| Test Type | CONVENTIONAL | | |
| Formation | DST#5 3503-3518 ARBUCKLE | | |
| Test Purpose (AEUB) | Initial Test | | |
| Start Test Date | 2012/09/29 | Start Test Time | 20:55:00 |
| Final Test Date | 2012/09/30 | Final Test Time | 03:55:00 |
| | | Well Fluid Type | 01 Oil |
| Gauge Name | 30037 | | |
| Gauge Serial Number | | | |

Test Results

Remarks RECOVERED:
 30' GIP
 5' GWO 4% GAS, 95% OIL, 1% WTR
 50' GOSWM 2% GAS, 2% OIL, 36% WTR, 60% MUD
 55' TOTAL FLUID

CHLOR: 1,100 PPM
 PH:8.0
 RW: 1.1 @ 58 DEG

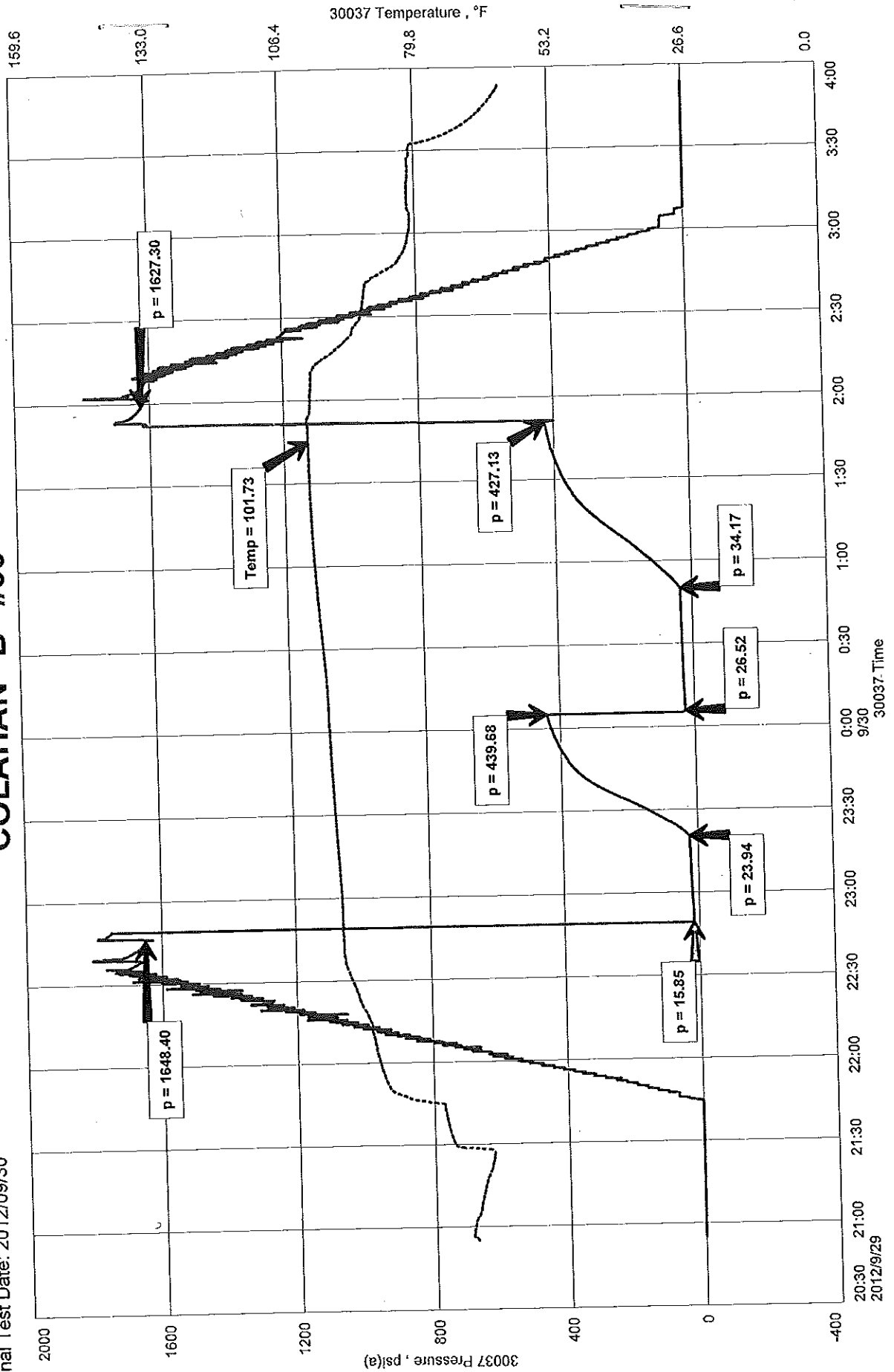
GRAVITY: 35.0 @ 60

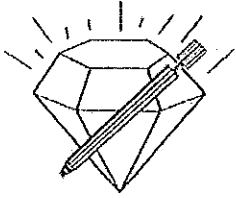
TOOL SAMPLE: 3% GAS, 19% OIL, 32% WTR, 46% MUD

COLAHAN "B" #33
 Formation: DST#5 3503-3518 ARBUCKLE
 Pool: WILDCAT
 Job Number: M401

VESS OIL CORP
 DST#5 3503-3518 ARBUCKLE
 Start Test Date: 2012/09/29
 Final Test Date: 2012/09/30

COLAHAN "B" #33





DIAMOND TESTING

P.O. Box 157

Page 1 of 2 Pages

HOISINGTON, KANSAS 67544

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CLHNB33DST6

Company Vess Oil Corporation Lease & Well No. Colahan "B" No. 33
 Elevation 2001 KB Formation Arbuckle Effective Pay ft. Ticket No. M402
 Date 9-30-12 Sec. 25 Twp. 11S Range 17W County Ellis State Kansas
 Test Approved By Roger L. Martin Diamond Representative Mike Cochran

Formation Test No. 6 Interval Tested from 3,518 ft. to 3,528 ft. Total Depth 3,528 ft.
 Packer Depth 3,513 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Packer Depth 3,518 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,520 ft. Recorder Number 30037 Cap. 6,000 psi.
 Bottom Recorder Depth (Outside) 3,525 ft. Recorder Number 6884 Cap. 6,275 psi.
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor L.D. Drilling, Inc. - Rig 1 Drill Collar Length ft. I.D. in.
 Mud Type Chemical Viscosity 52 Weight Pipe Length ft. I.D. in.
 Weight 9.1 Water Loss 7.8 cc. Drill Pipe Length 3,491 ft. I.D. 3 1/4 in.
 Chlorides 3,200 P.P.M. Test Tool Length 27 ft. Tool Size 3 1/2-IF in.
 Jars: Make Sterling Serial Number 1 Anchor Length 10 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, surface blow increasing to 1 1/4 ins. No blow back during shut-in.

2nd Open: Weak, surface blow increasing to 1/4 in. No blow back during shut-in.

Recovered 1 ft. of oil w/ a trace of water = .010260 bbls. (Grind out: 100%-oil) Gravity: 34.2 @ 60°
 Recovered 64 ft. of muddy water w/ a slight odor = .656640 bbls. (Grind out: 70%-water; 30%-mud) Chlorides: 1,500 Ppm PH: 8.0 RW: .40 @ 78°
 Recovered 65 ft. of TOTAL FLUID = .666900 bbls.
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks Tool Sample Grind Out: 2%-gas; 6%-oil; 42%-water; 50%-mud

Time Set Packer(s) 3:15 P.M. Time Started off Bottom 6:15 P.M. Maximum Temperature 105°
 Initial Hydrostatic Pressure.....(A) 1663 P.S.I.
 Initial Flow Period.....Minutes 30 (B) 16 P.S.I. to (C) 27 P.S.I.
 Initial Closed In Period.....Minutes 45 (D) 882 P.S.I.
 Final Flow Period.....Minutes 45 (E) 30 P.S.I. to (F) 42 P.S.I.
 Final Closed In Period.....Minutes 60 (G) 865 P.S.I.

DIAMOND TESTING

Pressure Survey Report

General Information

| | | | |
|------------------|-----------------------------|----------------|---------------|
| Company Name | VESS OIL CORP | Job Number | M402 |
| Well Name | COLAHAN "B" #33 | Representative | MIKE COCHRAN |
| Unique Well ID | DST#6 3518-3528 ARBUCKLE | Well Operator | VESS OIL CORP |
| Surface Location | SEC.25-11S-17W ELLIS CO.KS. | Report Date | 2012/09/30 |
| Field | WILDCAT | Prepared By | MIKE COCHRAN |
| Well Type | Vertical | Qualified By | ROGER MARTIN |
| | | Test Unit | NO. 1 |

Test Information

| | | | |
|---------------------|--------------------------|-----------------|----------|
| Test Type | CONVENTIONAL | | |
| Formation | DST#6 3518-3528 ARBUCKLE | | |
| Test Purpose (AEUB) | Initial Test | | |
| Start Test Date | 2012/09/30 | Start Test Time | 13:20:00 |
| Final Test Date | 2012/09/30 | Final Test Time | 16:05:00 |
| | | Well Fluid Type | 01 Oil |
| Gauge Name | 30030 | | |
| Gauge Serial Number | | | |

Test Results

Remarks RECOVERED:
1' OIL ~100% OIL W/ A TR OF WTR
64' MW 70% WTR, 30% MUD
65' TOTAL FLUID

CHLOR: 1,500 PPM
PH:8.0
RW: .4 @ 78 DEG
GRAVITY: 34.2 @ 60

TOOL SAMPLE: 2% GAS, 6% OIL, 42% WTR, 50% MUD

COLAHAN "B" #33
 Formation: DST#6 3518-3528 ARBUCKLE
 Pool: WILDCAT
 Job Number: M402

VESS OIL CORP
 DST#6 3518-3528 ARBUCKLE
 Start Test Date: 2012/09/30
 Final Test Date: 2012/09/30

COLAHAN "B" #33

