KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1101738

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5030
Name: Vess Oil Corporation
Address 1: 1700 WATERFRONT PKWY BLDG 500
Address 2:
City: WICHITA State: KS Zip: 67206 + 6619
Contact Person: Patrick T. Canaday
Phone: (316) 682-1537
CONTRACTOR: License # 6039
Name: L. D. Drilling, Inc.
Wellsite Geologist: Roger Martin
Purchaser:

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [ ] Oil
- [ ] WSW
- [x] SWD
- [ ] SIOW
- [ ] Gas
- [ ] D&A
- [ ] ENHR
- [ ] SIGW
- [ ] OG
- [ ] GSW
- [ ] Temp. Abd.
- [ ] CM *(Coal Bed Methane)*
- [ ] Cathodic
- [ ] Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:

Operator:
Well Name:
Original Comp. Date: Original Total Depth:

- [ ] Deepening
- [ ] Re-perf.
- [ ] Conv. to ENHR
- [ ] Conv. to SWD
- [ ] Conv. to GSW
- [ ] Plug Back: Plug Back Total Depth
- [ ] Commingled Permit #:
- [ ] Dual Completion Permit #:
- [ ] SWD Permit #:
- [ ] ENHR Permit #:
- [ ] GSW Permit #:

08/01/2012	08/10/2012	12/04/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-163-24055-00-00
Spot Description: 390'N of SE SE SE
SW - NE - SE - SE Sec. 12 Twp. 10 S. R. 17 [ ] East [x] West
753 Feet from [ ] North / [x] South Line of Section
438 Feet from [x] East / [ ] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[ ] NE [ ] NW [x] SE [ ] SW
County: Rooks
Lease Name: Younger B Well #: 1
Field Name:
Producing Formation: LKC
Elevation: Ground: 1957 Kelly Bushing: 1962
Total Depth: 3862 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 215 Feet
Multiple Stage Cementing Collar Used? [x] Yes [ ] No
If yes, show depth set: 1179 Feet
If Alternate II completion, cement circulated from: 1179
feet depth to: 0 w/ 200 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 1600 ppm Fluid volume: 400 bbls
Dewatering method used: Evaporated
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. [ ] East [ ] West
County: Permit #:

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- [ ] **Letter of Confidentiality Received**
  Date:
- [ ] **Confidential Release Date:**
- [x] **Wireline Log Received**
- [x] **Geologist Report Received**
- [x] **UIC Distribution**

ALT [ ] I [x] II [ ] III **Approved by:** Deanna Garrisor **Date:** 12/12/2012

Side Two

1101738

Operator Name: Vess Oil Corporation Lease Name: Younger B Well #: 1

Sec. 12 Twp. 10 S. R. 17 ☐ East ☑ West County: Rooks

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

Dual Induction Log
Micro Log
Dual Compensated Porosity Log

☑ Log Formation (Top), Depth and Datum ☑ Sample

Name Top Datum

see attached

CASING RECORD ☑ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
surface	12.25	8.625	24	216	common	160	3% cc, 2% gel
production	7.875	5.5	15.5	3590	ASC	190	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:
☐ Perforate
☐ Protect Casing
☐ Plug Back TD
☑ Plug Off Zone

Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
-3508	common	75	common
-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
	3502-08'	500 gel HCL	

TUBING RECORD: Size: 2.875 Set At: 3565 Packer At: 3565

Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR.

Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☑ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

ROGER L. MARTIN
INDEPENDENT PETROLEUM GEOLOGIST 316-250-6970

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY VESS OIL CORPORATION
LEASE YOUNGER 'B' #1
FIELD CODELL
LOCATION 720 FSL & 405 FEL
SECTION 12 TOWNSHIP 10S RANGE 17W
COUNTY ROOKS STATE KANSAS

ELEVATIONS
KB 1962' GL 1957'
Measurements Are All From KB
API 15-163-24055

CONTRACTOR L.D. DRILLING, RIG #1
SPUD 08/01/2012 COMP 08/10/2012
RTD 3862' (-1900) LTD 3607' (-1645)
ELECTRICAL SURVEYS
Pioneer Energy Services: DIL, CNL/CDL, MICRO

CASING
SURFACE 5 jts new 8&5/8" 24#/ft Tally 208.25', set @ 216' w/160 sx
PRODUCTION 5&1/2" 15.5#/ft J55 used T&D LT&C set @ 3590'

FORMATION TOPS	LOG	SAMPLES
ANHYDRITE	1165' (+797)	1173' (+789)
BASE ANHYDRITE	1201' (+761)	1205' (+757)
TOPEKA	2861' (-899)	2863' (-901)
OREAD	3028' (-1066)	3030' (-1068')
PLATTSMOUTH POROSITY	3049' (-1087)	3050' (-1088)
HEEBNER SHALE	3086' (-1124)	3088' (-1126)
TORONTO	3105' (-1143)	3112' (-1150)
LANSING	3128' (-1166)	3130' (-1168)
MUNCIE CREEK SHALE	3258' (-1296)	3260' (-1298)
STARK SHALE	3326' (-1364)	3328' (-1366)
BASE KANSAS CITY	3371' (-1409)	3373' (-1411)
ARBUCKLE	3482' (-1520)	3482' (-1520)
RTD/LTD	3607' (-1645)	3608' (-1646)
GRANITE WASH		3820' (-1858)
DDTD		3862' (-1900)

CHRONOLOGY
07/31/2012- Move in LD Drilling, Rig #1.
08/01/2012- Rig up, Spud 12&1/4" hole, Ran 5 jts new 24# 8&5/8" surface casing, Tally 208.25', set @ 216' w/160 sx Common, 2% gel, 3% cc. Cement did circulate (Allied). Plug down @ 12:30 PM.
08/02/2012- 365' Rig check, drilled plug @ 4:30 AM.
08/03/2012- Drilling @ 1725'.
08/04/2012- Drilling @ 2470'.
08/05/2012- Circ @ 3095'. DST #1.
(Corrected depths- 1 joint off at ~2430')
08/06/2012- 3228'. DST #1. DST #2.
08/07/2012- Drilling @ 3375'.
08/08/2012- Circ @ 3482'. Ran DST #3.
08/09/2012- Drilling @ 3535'. Ran DST #4.
08/10/2012- Drilling @ 3830. Lost Circ & quickly regained @ 3687'. DD to 3862'. CTCH, TOH LDDP. TIH w/formation packer shoe, shoe jt, latch down plug & 5&1/2" 15.5# J55 used T&D LT&C csg. Set casing @ 3590'. Dropped ball & packer, set w/900 psi. Circ 1 hr. Allied cmt'd w/500 gal mud flush, 160 sx ASC, 10%NaCl, 2% gel, 5#/sk Gilsonite, 1/3#/sk Flocele, defoamer. Dsplc w/84 BFW. Plug landed w/1800# and held. Good Returns. Cellar stayed full, set slips. Ran 8 centralizers & 2 baskets (1above Arb & 1 below PC). 1184'. Rat hole plugged w/30 sx.

REMARKS:
*E-log tops picked by P. Ramondetta, Geologist, VOC

Respectfully submitted,
Roger L. Martin, Geologist (Wellsite)

	SAMPLE DESCRIPTION	REMARKS	
-2500			
-2550		1173' (+789) ANHYDRITE	
-2600		1205' (+757) BASE ANHYDRITE	
-2650	(Pr Spls) SH & LS: NS.		
-2700	LS: gy, argil Mdst & gy SH. (Fr Spls) LS: tn-wh, pred dn to chlky, Pr- NVP, NS. & SH: gy-blk, sm carb. Trc oomldc LS w/Gd Por & NS.	vis 50, wt 8.8 LCM 2#	
-2750	LS: gy-wh, bf, dn-mx & argil, VPr- NVP, NS. (Trc oomldc LS AA w/Por & NS) SH: pred gy-blk. LS: tn-gy-wh, pred dn- mx- fnx, sm fos, VPr- NVP, NS. Trc oomldc LS, AA w/Por & NS)	vis 50, wt 8.8 LCM 2#	
-2800	SH: AA. LS: gy, argil- shly, VPr- NVP. SH: gy & blk, sm carb. LS: cm-gy-tn, mx- vfnx, sm Sl fos, VPr- NVP, NS. sm argil- shly.		
-2850	SH: gy-blk, micac. (Gd spls) {TOPEKA} LS: cm-tn-gy, pred dn Mdst- Wkst, Rr Pkst, VPr- NVP, NS. sm wh-chlky. SH: gy-blk & LS: tn-gy-cm, dn- mx & argil, VPr- NVP, LS. LS: AA, pred dn- mx & Mdst w/VPr- NVP. & SH: gy-blk. (TOPEKA 30' Zn) LS: cm-bf-tn-STN, mx- vfnxln, sm sucro- Sl doloc, sm vfnly grnlr, Pr- Fr Por: IX Por, I.Gr Por. <5% w/Fr- Gd Por, spt'd sat STN,VSl SFO, Sl-Fr Cut, VSl Odor. Abndt dn to chlky.	2863' (-901) TOPEKA vis 50, wt 8.8 LCM 2# {Sl SFO}	
-2900	SH: gy-blk & LS: gy-dn & argil. SH: AA. LS: tn-gy-wh, dn Mdst & mx w/VPr- NVP. NS. sm chlky, Sl Cherty. LS: tn-gy-wh, pred dn- chlky, sm grnlr Pkst, Sl fos, Pr Por, NS. LS: AA, incrs Pkst w/Pr Por, NS; Abndt dn to VPr Por, NS.	vis 46, wt 8.9 LCM 2# vis 47, wt 8.9 LCM 2#	
-2950	LS: tn-wh, dn- mx & chlky w/Pr- NVP, NS. & grnlr Pkst w/VPr- Pr Por, NS. VSl Cherty. SH: blk Vcarb. LS: AA & gy-bn, dn Mdst. SH- SILTS: VC, gn-gy & mrn-rd. LS: lt tn-wh, dn- mx & chlky, VPr- NVP, NS. LS: tn-gy-wh, pred dn- mx- Rr fnx, sm grnlr Pkst. CHERTY: lt- dk gy, shrp, fos, Pr Por: mIX Por to NVP, NS.		
-3000	LS: AA & gy argil-shly, VPr- NVP. LS: gy-tn-wh, pred dn, sm Pkst w/Pr- NVP, NS. SH: blk carb- Vcarb. LS: gy, dn Mdst, sm argil- shly. {OREAD} LS: cm-bf-tn. mx- vfnxln, sm fnly grnlr Pkst w/Pr I.Gr Por, IX Por, mIX Por. Trc dull FLR, Trc STN & Pr Cut, NFO. sm wh-chlky & sm dn Mdst- Wkst & argil-shly Mdst.	vis 46, wt 8.9 LCM 2# 3030' (-1068') OREAD 3050' (-1088)	MW 8.8, VIS 48 PV 15, YP 28 pH 11.5, WL 6.4 Cl 1500, LCM 2#
-3050	{PLATTSMOUTH POROSITY} LS: cm-bf-tn, mx- fnx- sm 2RX, sm ool Pkst- Grst, Trc Gd I.ool Por w/subsat Tn STN & Sl SFO- Trc Odor, <5% w/STN-FLR- VSlSFO & Cut. LS: tn-gy-cm, pred dn- mx, Cherty: gy-tn, fos, shrp, VPr- NVP. LS: cm- tn, mx- vfnx, sm argil- shly, VPr- NVP. LS: gy-wh-tn, dn- chlky, mx- vfnx, VSl fos, VPr- NVP. Sl Cherty. {HEEBNER} SH: blk carb- Vcarb. LS: gy-tn, dn Mdst.	PLATTSMOUTH POR {VSl SFO} vis 47, wt 8.9 LCM 2# 3088' (-1126) HEEBNER SH	
-3100	SH: gn-gy & blk. sm argil LS & lmy calc SH. {TORONTO} LS: tn-wh, pred dn to chky & mx- fnx, sm Sl fos, VPr- Pr pp Por, Trc dd STN, NFP, Pred VPr- NVP. SH: gy-blk & mrn. {LANSING 'A' Zn} LS: tn-gy-wh, pred dn to chky & mx- fnx, VPr- Pr Por: pp Por, I.Gr Por, mIX Por, ~10% w/VSlSFO & Sl-Fr SGB, Vlt STN & dull FLR, Sl Odor (~5% w/Fr Por & sat STN), Sl- Fr Cut. (SH: AA)	3112' (-1150) TORONTO 3130' (-1168) LANSING VSl SFO vis 43, wt 9.2	DST #1 TOR- LKC 'F' 3084'- 3228' 30-45-45-60 1st Op: Wk 1/2" blo, incrs to BOB- 10.25", No BB 2nd Op: Wk surf blo incrs to BOB in 16.75", No BB. Rec: 58' Sl OCM (1%O,98%M) 189' G&OCWM (5%G,15%O, 31%W,49%M) 189' G&OCMW (8%G,11%O 455W,36%M)
-3150	{LANS 'B' Zn} LS: tn-wh, pred dn- chlky & mx- fnx, sm VPr- Pr Por: pp Por, IX Por, I.Gr Por Trc Fr vug Por, >5% <10% w/spt'd STN, VSl SFO & Sl SGB, VSl Odor,. Abndt dn & argil LS. SH: VC, sm lmy & calc & argil- shly LS. {LANS 'C' Zn} LS: cm-tn-gy, mx- fnx, sm Sl fos- ool Pkst, Pr- Fr pp- vug Por, IX Por, lfos Por, I.Gr Por w/spt'd- subsat lt STN & dull FLR, >5%<10% w/Sl SFO & GB, VSl Odor, Trc Fr- Gd vug Por w/subsat-sat STN. Pred chlky. SH- SILTS: gn-gy & mrn & blk carb. {LANS 'D' Zn} LS: lt tn-gy-wh, pred dn to chlky, sm mx- fnx, VRr md-Vcrsx's- 2RX, Rr Pkst, ~5% w/Pr- Fr IX Por, pp- vug Por, spt'd lt STN, VSl SFO & GB, VSl Odor. sm fos Pkst w/I.Gr Por.	{VSl SFO} {VSl SFO} Add Mud {VSl SFO}	436' TF Tool Spl: 2%G,4%O, 69%W,36%M Cl 41K ppm IHP: 1512 IFP: 94-191 ISIP: 603 FFP: 197-282 FSIP: 598 FHP: 1513 BHT: 103F
-3200	SH: blk carb- Vcarb. LS: gy argil Mdst. SH: gn-gy. {LANS 'E' Zn} LS: cm-tn-gy, sm mot Pkst, Sl fos & mx- fnx, Pr- Fr Por (~5%): pp Por, IX Por, spt'd lt STN, VSl SFO&GB. Abndt chlky. SH- SILTS: gn-gy & blk. {LANS 'F' Zn} LS: wh-tn, prt chlky & mx- fnx- sm 2RX, ~5% sucro- vfnxln w/Pr- Fr IX Por w/sat STN, Sl SFO&GB & pp- vug Por w/spt'd STN- SFO. SH: AA. {LANS 'G' Zn} LS: cm-bf- Tn STN, mx- fnxln, sm prt ool & prt oomldc & sm Voomldc, Fr- Gd Por: mldc Por & I.ool Por, Pr- Fr IX Por, Sl- Fr SFO. Trc sat STN w/Gd Por. LS: tn-wh, mx- fnx, pre dn, prt chlky, VPr- NVP, <5% w/STN, AA.	vis 52, wt 9.2 LCM 2# {VSl SFO} vis 50, wt 9.2 LCM 2# {Sl- Fr SFO} vis 45, wt 9.1	DST #2 LKC 'G' Zn 3228'-3240' 30-45-45-60 1st Op: Wk 1/8" blo, incrs to BOB in 24.74", No BB. 2nd Op: Wk surf blo, incrs to BOB in 29.75", No BB. Rec: 8'Sl OCMW (2%O,19%M 79%W) 126' MW (17%M,83%W scum Oil) 126' SW (100% SW)
-3250	LS: AA & gy-bn, mx- fnx, sm argil w/VPr- NVP, Sl Cherty. NFO, Trc STN. {MUNCIE CREEK} SH: blk carb. & LS: gy-blk, Vargil. SH: VC, Gy-blk, mrn-rd & gn-gy. {LANS 'H' Zn} LS: lt gy-bf-wh, pred dn- mx, sm prt chlky, VRr VPr- Pr Por: mIX Por, pp Por, Trc STN- SFO- FLR, sm Sl fos Wkst- Pkst. LS: AA & gn-gy, sm argil, dn Mdst. SH: AA. {LANS 'I' Zn} LS: gy-tn-wh, mx- pred dn, sm Pkst- mot- fos, VRr Pr- Fr Por: pp- vug Por & mldc Por- spt'd- sat STN, dull FLR, VSl SFO & Sl- Fr Cut, VSl Odor, Pred dn to chky w/VPr- NVPor	3260' (-1298) MUNCIE CREEK SH MW 9.0, VIS 51 PV 11, YP 25 pH 11.0, WL 6.4 Cl 1700, LCM 2# {VSl SFO} vis 54, wt 9.2 LCM 3#	TF 260' Tool Spl: 100% W- Oil spks IHP: 1515 IFP: 17-69 ISIP: 610 FFP: 70-141 FSIP: 608 FHP: 1515 BHT: 103F
-3300	SH: VC, gn-gy-blk & mrn-rd. {LANS 'J' Zn} LS: lt tn-gy-wh, pred dn, sm chlky & mx- fnx, sm fos & ool Pkst, Rr Por: pp- vug Por, I.fos & I.Gr Por. >5% <10% w spt'd- subsat STN- FLR, VSl SFO, VSl Odor, Sl- Fr Cut, Trc Gd Cut. Sl Cherty, pred dn-chky LS. {STARK} SH: blk carb- VCarb. LS: gy dn Mdst- argil. SH: gy, calc- lmy. {LANS 'K' Zn} LS: tn-gy-wh, pred dn- mx, ~5% w/VPr- Pr Por: pp- vug Por & mIX Por, spt'd Tn sat STN & FLR, VSl SFO, Sl- Fr Cut, VSl Odor, Trc Fr- Gd Por w/subsat- sat STN, sm Pkst. Prd dn, sm chky	{VSl SFO} 3328' (-1366) STARK SHALE {VSl SFO}	DST #3 LKC 'H' Zn 3253'-3400' 30-45-45-60 1st Op: Wk 1/8" blo, incrs to 1.25" in bkt, No BB. 2nd Op: Wk surf blo, dd in 10", No BB Rec: 25' DM (100% M) IHP: 1625 IFP: 89-99 ISIP: 725 FFP: 94-99 FSIP: 650 FHP: 1523
-3350	{HUSHPUCKNEY} SH: blk carb- Vcarb & gn-gy, sm calc & lmy. {LANS 'L' Zn} LS: tn-wh & gy, mx- fnx, pred dn, VRr Pkst- fos & ool w/Pr- Fr Por: I.fos- ool Por, I.Gr Por w/spt'd- subsat STN, <5% w/Pr- Fr Por, subsat STN, VSl SFO, Sl- Fr Cut, VSl Odor, Trc Gd Por, w/STN- FLR- SFO. Pred dn & chlky, sm argil. {BASE KANSAS CITY} SH: blk- sm carb & dk gy & gn-gy SH- Silts. SH: Shrp incrs in 3400' spl- Vgt'd gn-gy & blk, mrn. SILTS: lt gy & gn-gy, Vfnly sndy, sm lmy & calc, VRr SS- SD CLUST: lt gy & gn-gy, Vfn Gr'd, silty- argil, lmy- calc, VPr- Pr I.Gr Por, Trc Fr Por w/STN- SFO & Cut, dull FLR. LS: cm-tn, mx- fnx, sm grnlr Pkst, sm sndy, Pr- Trc Fr Por: pp- vug Por, I.Gr Por, IX Por; <5% w/Por- STN- SFO & Cut, dull FLR, pred dn- chlky LS.	vis 49, wt 9.2, LCM 3# {VSl SFO} 3373' (-1411) BASE KANSAS CITY {VSl SFO} {VSl SFO}	BHT: 103 F MW 9.1, VIS 49 PV 10, YP 25 pH 10.5, WL 6.4 Cl 1700, LCM 3#
-3400	SH- SILTS: VC, gn-gy & rd-mrn, sm pyrtc. LS: tn-wh & mrn- tint, prt argil- shly, pred dn & chky w/VPr- NVP & NS. SH: gn-gy & mrn-rd, sm calc & lmy. LS: VC, mot Pkst, mx- fnx, sm fos & fragmntl Pkst, Pr- NVP, NS. SH: VC, gn-gy & blk, rd-mrn. LS: AA, gy-tn-wh & mrn-rd mot, dn- mx- fnx & argil- shly, VPr- NVP. NS. SH: AA, Incrs rd SH. LS: AA, & Rr CHERT: ambr- tn & gn, shrp, opq & orng-rd. LS: Abndt AA- argil- shly & dn & prt chlky, VPr- NVP w/NS & V.gt'd SH.	vis 47, wt 9.2 LCM 3# vis 48, wt 9.2 LCM 3#	
-3450	SH: VAbndt rd SH- SILTS, sm lmy & calc & CHERT: AA & rd shrp Chert. SH: AA, Abndt Rd. Incrs CHERT: VC- gy-cm-tn & ambr, pred shrp, opq- transl, Rr ool & fos Chert. Abndt dn-chky & argil LS, AA. Pred CHERT: sm wthr'd, Trc oomldc Chert w/Fr- Gd Por AA. Trc ARB DOLO. DOLO: cm-tn-mrn, gy, mx- fnxln, VRr md- crsX's, Pred dn, sm argil- shly, VRr sndy, Pr- NVP, NS.(3492') DOLO: cm-tn-gy, mx- fnxln, Rr mdxln, pred dn- Pr Por w/NS. sm gn-gy, shly, trc pnk. (3497') DOLO: bf-tn-gy, mx- mdx, Trc sndy- fn- mdxln w/Pr- Fr Por w/SFO.	vis 48, wt 9.2 LCM 2# 3482' (-1520) ARBUCKLE MW 9.3, VIS 50 PV 15, YP 21 pH 10.5, WL 6.4 Cl 1700, LCM 3# {SFO}	DST #4 ARBUCKLE 3367'-3507' 30-45-45-60 1st Op: Wk 1/2" blo, incrs to BOB in 22", No BB 2nd Op: Wk surf blo, incrs to BOB in 33.25", No BB Rec: 98' OCWM (2%O,4%W,94%M) 189' G&OCWM (2%G,7%O, 37%W,54%M) 287' TF Cl 14K ppm Tool Spl:
-3500	(3502') Trc mdxln- rhmbc DOLO w/Fr IX Por, vug Por,mdxln- crsxln, spt'd-subsat STN, Fr- Gd SFO & Cut. (3507') Incrs md-crsxln- rhmbc ~30% w/Fr IX Por, VRr Gd Por, spt'd-subsat STN, Fr- Gd SFO. DOLO: gy-tn-bf-cm, ~20% mdxln- crsxln- rhmbc w/Fr- Gd Por: IX Por, vug Por w/spt'd- subsat Tn STN & dull FLR, Fr- Gd SFO, sm gasy- 'live', Rr dd oil, sm barren Por, sm dn- fnxln w/Rr 2RX w/VRr STN- SFO. Abndt dn- mx- fnx w/Pr- NVP w/NS. DOLO: cm-tn-gy, pred dn, mx- fnxln, Rr prt mdxln, VRr prt crsxln, Rr Fr- Gd Por: vug por, IX Por, VRr mldc, >90% barren. <10% w/spt'd STN, Sl SFO. Abndt dn- mx- fnx DOLO w/Pr- NVP.	{Fr- Gd SFO} {Fr- Gd SFO} {Fr- Gd SFO} {Sl SFO}	8%G,10%O, 30%W,52%M IHP: 1707 IFP: 87-136 ISIP: 1060 FFP: 144-208 FSIP:1064 FHP: 1671 BHT: 105 F
-3550	DOLO: cm-bf-tn, gy, pred mx- fnxln, dn to Pr Por w/NS. >10% <20% mdxln- crsxln w/Fr- Gd Por: IX Por, vug Por w/<5% spt'd STN & SFO. DOLO: AA, Incrs Fr- Gd barren Por. DOLO: cm-bf-tn-gy, Abndt dn- mx- fnxln, sm mdxln- crsxln- rhmbc w/Fr- VGd Por: IX Por, vug Por, >90% barren, Rr spt'd STN. CHERTY DOLO: cm-bf-tn & orng, pred shrp, opq, Rr vcrs- crsxln- rhmbc, VGd IX Por, NS. DOLO: cm-tn-gy, pred mx- fnxln, dn- Pr Por w/NS. ~15% mdxln- crsxln w/Fr- VGd Por, ~10% w/STN.	{Sl SFO}	
-3600	DOLO: cm-bf-gy, Abndt mdxln- crsxln- rhmbc w/Fr- VGd IX Por & vug Por. NS. VRr sndy: fn- md Gr'd, VRr crs Gr's. DOLO: AA, sm rhmbc, mdxln- crsxln w/Fr-VGd Por: IX Por, vug Por w/NS. & DOLO: mx- fnxln w/Pr- NVP, AA. DOLO: bf-tn-gy, mx- mdx, sm 2RX, sm dn to Pr Por, Rr Fr- Gd vug Por, Pr- Fr IX Por, sm Gd IX Por- AA. NS. >10% <20% mdx- crsxln- rhmbc w/Fr- VGd IX Por & vug Por. NS.	3607' (-1645) LTD vis 48, wt 9.0 LCM 10# RTD for E-logs 20' samples vis 47, wt 9.0 LCM 10#	
-3650	DOLO: Incrs dn to Pr Por w/NS. VRr Fr- Gd Por: vug Por, sm 2RX & sm rhmbc w/Gd IX Por, pred mdxln. Abndt dn- mx- fnx w/Pr- VPr Por & NS. DOLO: pred cm-tn, mx- fnln w/Pr- Fr Por: IX Por, vug Por, NS. Rr md- vcrsxln Dolo- 2RX w/Gd- VGd IX Por & vug Por, NS. Abndt mx- mdxln, sm dn w/NVP, sm Pr- Fr Por: IX Por, vug Por, pp Por.	Losing Fluid Add Premix 1# gel & chem & hulls Adding Premix #2 gel & hulls Lost all Circulation ~100 bbl lost	
-3700	DOLO: cm-tn-gy, mx- fnxln, Rr mdxln, Pred Pr- Fr pp- vug Por, IX Por, Rr Fr- Gd IX Por & vug Por, AA w/NS. DOLO: cm-bf-gy, mx- fnxln w/Pr-Fr IX Por, pp- vug Por, Rr <10% w/Gd vug & IX Por, Sl Cherty, Rr Qtzc, NS. DOLO: bf-tn, mx- mdxln, Pr- Fr IX Por, sm Fr- Gd vug Por, NS. VRr Sndy: md- Vcrs Gr'd. DOLO: cm-bf-gy, Abndt fn- mdxln, Fr- Gd Por: IX Por, vug Por, pp Por, NS. VRr VGd Por, NS.	Adding Premix #3 gel & chem & hulls vis 47, wt 9.0 LCM 10# vis 47, wt 9.0 LCM 10# Losing volume	
-3750	sm bf-tn, mx- fnx, pred dn to Pr Por. DOLO: cm-bf-gy, sm fnxln- mxln, Abndt mdxln- crsx, sm Sndy: fn- Vcrs Gr'd, rnd'd to anglr & sm Qtzc Chert. sm Fr- Gd Por: IX Por, vug Por, I.Gr Por, NS. sm crs- Vcrs free Sd Gr's & Qtzc Chert. DOLO: AA, incrs sndy Dolo & Doloc Sd Clust- fn- Vcrs Gr'd, mdxln, Pr- Fr I.Gr Por, Rr Gd Por, NS.	vis 46, wt 9.0 LCM 10# Mix mud #4 gel & hulls & chemical	
-3800	SS- SD CLUST: trans-bf, gy & gn-gy, fn- Vcrs Gr'd, well rnd'd to anglr, well cmt'd to fribl w/Pr- Fr visbl Por, Rr Gd visbl Por, Abndt Free Sd Gr's: md- Vcrs, Rnd'd- anglr GRANITE WASH: Kfeldspar- Qtz, Biot, Plag & Pyrite & Sd Gr's, sm shly (sm DOLO, AA), NS. (Granite Wash in 3830' spl) VAbndt GRANITE WASH: pnk-rd Kfeldspar & transl Qtz, blk Biotite & Hornbln & sm Sd Gr's, AA. NS.	Add Premix #4 gel & hulls & chemical 3820' (-1858) GRANITE WASH vis 49, wt 9.0 LCM 12# vis 49, wt 9.0 LCM 15#	
-3850	GRANITE WASH: AA, Incrs pnk- rd Kfeldspar & transl- gn-gy & blk VC Qtz, Biotite & Plag.	vis 48, wt 9.0 LCM 15# 3862' (-1900) DDTD/RTD VESS OIL CORP YOUNGER 'B' #1 720'FSL 405'FEL Sec 12-10S-17W ROOKS CO, KS API#15-163-24055	
-3900			

ATTACHMENT TO ACO-1

Younger B #1 – API 15-163-24055-00-00
S2 NE SE SE
Sec 12-10S-17W
Rooks County, KS

	SAMPLE TOPS	LOG TOPS
ANHYDRITE TOP	1173 (+789)	1165 +797
ANHYDRITE BASE	1205 (+757)	1201 +761
TOPEKA	2863 (-901)	2861 -899
OREAD	3030 (-1068)	3028 -1066
PLATTS Porosity	3050 (-1088)	3049 -1087
HEEBNER	3088 (-1126)	3086 -1124
TORONTO	3112 (-1150)	3105 -1143
LANSING	3130 (-1168)	3128 -1166
Muncie CREEK	3260 (-1298)	3258 -1296
STARK	3328 (-3328)	3326 -1364
BKC	3373 (-1411)	3371 -1409
CONGLOMERATE		
ARBUCKLE	3482 (-1520)	3482 -1520
RTD	3608 (-1646)	
LTD	3607 (-1645)	
GRANITE WASH	3820 (-1858)	
RTD	**3862 (-1900)**	

DST #1 3084-3228 ' **Zone: Tor – LKC F**
Times: **30-45-45-60**
1st open: **Wk ½" blow inc to btm bkt – 10.25 min – No BB**
2nd open: **Weak surf blow inc to btm bkt-16.75 min – No BB**
Rec.: **58' Slt OCM (1% oil, 98% Mud); 189' G&OWM (5% Gas, 15% Oil, 31% Wtr, 49% Mud); 189' G&OCMW (8% Gas, 11% Oil, 45% Wtr, 36% Mud); 436' TF**
Tool – 2% Gas, 4% oil, 69% Wtr, 36% Mud (Cl – 41,000 ppm)
IHP: **1512** **FHP: 1513**
IFP: **94-191** **FFP: 197-282**
ISIP: **603** **FSIP: 598** **TEMP: 103F**

DST #2 3228-40' ' **Zone: LKC G**
Times: **30-45-45-60**
1st open: Wk 1/8" blow, in to bob in 24.74 min – No BB
2nd open: Wl Surf blow, in to bob in 29.75 min – No BB

Rec.:	**8' Slt OCMW (2% oil, 79% wtr, 19% mud); 126' MW (83% wtr, 17% mud – scum oil); 126' SW(100% SW). TF – 260'. Tool – 100% wtr – oil specks**		
IHP:	**1515**	**FHP: 1515**	
IFP:	**17-69**	**FFP: 70-141**	
ISIP:	**610**	**FSIP: 608**	**TEMP: 103F**

DST #3 3253-3400' ' **Zone: LKC-H - Pleasanton**

Times:	30-45-45-60		
1st open:	Wk blow 1/8", inc to 1.25" in bkt, No BB		
2nd open:	Wk surf blow, died – 10 min, No BB		
Rec.:	**25' Drilling Mud (100% mud)**		
IHP:	**1625**	**FHP: 1623**	
IFP:	**89-99**	**FFP: 94-99**	
ISIP:	**725**	**FSIP: 650**	**TEMP: 103F**

DST #4 3367-3507' ' **Zone: Arbuckle**

Times:	30-45-45-60		
1st open:	Wk ½" blow, inc to BOB in 22 min, No BB		
2nd open:	Wk surf blow, in to BOB in 33.25 min, No BB		
Rec.:	**98' OCWM (2% oil, 4% wtr, 94% mud); 189' G&OCWM (2% gas, 7% oil, 37% wtr, 54% mud). 287' TF. Cl – 14,000. Tool – 8% gas, 10% oil, 30% wtr, 52% mud**		
IHP:	**1707**	**FHP: 1671**	
IFP:	**87-136**	**FFP: 144-208**	
ISIP:	**1060**	**FSIP: 1064**	**TEMP: 105F**

ALLIED OIL & GAS SERVICES, LLC 056471

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

DATE 8-1-12	SEC. 12	TWP. 10	RANGE 17	CALLED OUT	ON LOCATION	JOB START 4:00 pm	JOB FINISH 4:30 pm
LEASE Younger B	WELL # 1		LOCATION [illegible]			COUNTY Rooks	STATE Kansas
OLD OR NEW (Circle one)							

CONTRACTOR L D Drlg. Rig #1
TYPE OF JOB Surface
HOLE SIZE 12 ¼ T.D. 219
CASING SIZE 8 5/8 New DEPTH 217.23
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX 250# MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 15'
PERFS.
DISPLACEMENT 13 BBL fresh

OWNER

CEMENT
AMOUNT ORDERED 160 sx Comm.
3% cc
2% Gel

EQUIPMENT

PUMP TRUCK CEMENTER Robert Y.
419 HELPER Wayne O.
BULK TRUCK
423 DRIVER Kevin R.
BULK TRUCK
DRIVER

COMMON	160	@	
POZMIX		@	
GEL	3	@	
CHLORIDE	6	@	
ASC		@	
HANDLING	169 sx	@	
MILEAGE	20 per sk per mile		
		TOTAL	

REMARKS:

Ran 5 jts. csg. to 217' w/ 8 5/8" csg. Shoe jt. @ 217'. Rig up to cement. Cement w/ 160 sx Comm. 3% cc 2% Gel. Plug down @ 4:30 pm. Cement did circulate. Job complete. Thank you.

SERVICE

DEPTH OF JOB
PUMP TRUCK CHARGE
EXTRA FOOTAGE @
MILEAGE 20 @
MANIFOLD @
22 Lv Mile @
@
TOTAL

CHARGE TO: Vess Oil Corp.
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

@
@
@
@
@

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment

ALLIED OIL & GAS SERVICES, LLC 056512

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell KS

DATE 8-29-12	SEC. 12	TWP. 10	RANGE 17	CALLED OUT	ON LOCATION	JOB START 11:30 AM	JOB FINISH 12:00 pm
LEASE Younger R	WELL # 1	LOCATION Codell Ks 1E ½S Winto				COUNTY Rooks	STATE KS
OLD OR (NEW) (Circle one)							

CONTRACTOR Smokey Hill #1
TYPE OF JOB Port collar
HOLE SIZE T.D.
CASING SIZE 5½ 15.5# DEPTH 3590.28
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL port collar DEPTH 1179
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT 5½ bbl

OWNER

CEMENT (used 200)
AMOUNT ORDERED 300 60/40 4%gel ¼# flo

EQUIPMENT

PUMP TRUCK CEMENTER Robert Y / Bob S.
417 HELPER Woody O.
BULK TRUCK
473 DRIVER Walter K.
BULK TRUCK
DRIVER

COMMON	120	@ 16.25	1950.00
POZMIX	80	@ 8.5	680.00
GEL	7	@ 21.25	148.75
CHLORIDE		@	
ASC		@	
FLO SEAL	2.50#	@ 2.70	135.00
HANDLING	321.67 FT	@ 2.10	675.50
MILEAGE	456.87 T/mi	X2.35	1073.66
		TOTAL	~~4527.91~~ 4662.91

REMARKS:

ran to 1179 tool pc to 1200# open pc mixed recieved circulation mixed 40bbl (200sks 60/40 4%gel ¼#flo) closed pc test to 1200# ran 5jts washed clean (21bbl)

cement circulated to surface

Thank you!!

SERVICE

DEPTH OF JOB			1179
PUMP TRUCK CHARGE			1050.00
EXTRA FOOTAGE		@	
MILEAGE 34 HUNT		@ 7.00	238.00
MANIFOLD		@	
34 LWMX		@ 4.00	136.00
		@	
		TOTAL	1424.00

CHARGE TO: Vess Oil Corp
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
	TOTAL	

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) 183.54
TOTAL CHARGES 6086.91
DISCOUNT 20% 1651.68 IF PAID IN 30 DAYS
Net 4435.23 8-30
before tax

PRINTED NAME
SIGNATURE

ALLIED CEMENTING CO., LLC. 034661

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: RUSSELL

DATE 10-8-12	SEC. 12	TWP. 10	RANGE 17	CALLED OUT	ON LOCATION	JOB START 2PM	JOB FINISH 2:30 PM
LEASE YOUNGER	WELL # B#1	LOCATION CODELL KS 1E-½S-WINTO				COUNTY RAWLINS	STATE KS
OLD OR NEW (Circle one)							

CONTRACTOR W.O.
TYPE OF JOB SQUEEZE
HOLE SIZE T.D.
CASING SIZE 5½ DEPTH 3590
TUBING SIZE 2 7/8 DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS. 3502 TO 3508
DISPLACEMENT

OWNER

CEMENT
AMOUNT ORDERED 150 SK CLASS A
7# FL-10

EQUIPMENT

PUMP TRUCK # 409 CEMENTER BOB S.
HELPER TONY
BULK TRUCK # 410 DRIVER KEVIN
BULK TRUCK # DRIVER

REMARKS:

PUMPED 75 SK CEMENT
CEMENT IN FORMATION
5.42 BBL = 25.36 SK
WORK OVER VALVE 1000#
THANK YOU.

COMMON	75	@ 17.9	1342.50
POZMIX		@	
GEL		@	
CHLORIDE		@	
ASC		@	
FL10	7#	@ 16.6	116.20
		@	
		@	
		@	
		@	
		@	
HANDLING	150.19 SKS	@ 2.48	372.47
MILEAGE	239.819 TM	x 2.6	623.53
		TOTAL	2454.7

SERVICE

DEPTH OF JOB	3520 PT		
PUMP TRUCK CHARGE			2609.47
EXTRA FOOTAGE		@	
MILEAGE	HEAVY 34	@ 7.7	261.8
MANIFOLD	SQUEEZE	@ 250.00	
LDV	34	@ 4.4	149.6
		@	
		TOTAL	3011.87

CHARGE TO: VESS OIL
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
	TOTAL	

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME
SIGNATURE

SALES TAX (If Any) 344.39
TOTAL CHARGES 5466.57
DISCOUNT 1639.97 IF PAID IN 30 DAYS
Net 3826.60 BS 10-5
before tax

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

Company Vess Oil Corporation Lease & Well No. Younger "B" No. 1

Elevation 1962 KB Formation Toronto/Lansing "A"-"F" Effective Pay -- Ft. Ticket No. 2875

Date 8-6-12 Sec. 12 Twp. 10S Range 17W County Rooks State Kansas

Test Approved By Roger L. Martin Diamond Representative Roger D. Friedly

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Formation Test No. 1 Interval Tested from 3,084 ft. to 3,228 ft. Total Depth 3,228 ft

Packer Depth 3,079 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,084 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,216 ft. Recorder Number 0062 Cap. 5,000 psi.

Bottom Recorder Depth (Outside) 3,225 ft. Recorder Number 11033 Cap. 5,150 psi.

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

Drilling Contractor L. D. Drilling, Inc. - Rig 1

Mud Type Chemical Viscosity 48

Weight 8.8 Water Loss 6.4 cc.

Chlorides 1,500 P.P.M.

Jars: Make Sterling Serial Number 5

Did Well Flow? No Reversed Out No

Drill Collar Length -- ft I.D. -- in.

Weight Pipe Length -- ft I.D. -- in.

Drill Pipe Length 3,057 ft I.D. 3 1/4 in.

Test Tool Length 27 ft Tool Size 3 1/2-IF in.

Anchor Length 17' perf. w/127' drill pipe Size 4 1/2-FH in.

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, 1/2 in. blow increasing. Off bottom of bucket in 10 1/4 mins. No blow back during shut-in.

2nd Open: Weak, surface blow increasing. Off bottom of bucket in 16 3/4 mins. No blow back during shut-in.

Recovered 58 ft. of slightly oil cut mud = .595080 bbls. (Grind out: 1%-oil; 99%-mud)

Recovered 189 ft. of gas & oil cut watery mud = 1.939140 bbls. (Grind out: 5%-gas; 15%-oil; 31%-water; 49%-mud)

Recovered 189 ft. of gas & oil cut muddy water = 1.939140 bbls. (Grind out: 8%-gas; 11%-oil; 45%-water; 36%-mud) Chlorides: 41,000 Ppm PH: 7.0 RW: .16 @ 69°

Recovered 436 ft. of TOTAL FLUID = 4.473360 bbls.

Recovered ____ ft. of

Recovered ____ ft. of

Remarks Tool Sample Grind Out: 2%-gas; 4%-oil; 69%-water; 25%-mud

---

Time Set Packer(s) 2:07 A.M. Time Started off Bottom 5:07 A.M. Maximum Temperature 103°

Initial Hydrostatic Pressure.....(A) 1512 P.S.I.

Initial Flow Period.....Minutes 30 (B) 94 P.S.I. to (C) 191 P.S.I.

Initial Closed In Period.....Minutes 45 (D) 603 P.S.I.

Final Flow Period.....Minutes 45 (E) 197 P.S.I to (F) 282 P.S.I.

Final Closed In Period.....Minutes 60 (G) 598 P.S.I.

Final Hydrostatic Pressure.....(H) 1513 P.S.I.

DIAMOND TESTING
ROGER D. FRIEDLY - TESTER
CELL 620-793-2043

Company Name	VESS OIL CORP
Contact	BILL HORIGAN
Well Name	YOUNGER B #1
Unique Well ID	DST #1 TOR/LANS A-F 3084-3228
Surface Location	SEC 12-10S-17W-ROOKS-KS
Field	WILDCAT

Test Information

		Job Number	
		Test Unit	NO. 5
		Representative	JAKE FAHRENBRUCH
		Well Operator	VESS OIL CORP
		Report Date	2012/08/06
Test Type	CONVENTIONAL	Prepared By	JAKE FAHRENBRUCH
Formation	DST #1 TOR/LANS (A-F) 3084-3228	Qualified By	ROGER MARTIN
Test Purpose	Initial Test		
Well Fluid Type	06 Water		
H2S			

Start Test Date	2012/08/06	Start Test Time	00:12:00
Final Test Date	2012/08/06	Final Test Time	07:19:00

Remarks

RECOVERED:	58'	SLTOCM 1% OIL, 98% MUD
	189'	G&OWM 5% GAS, 15% OIL, 31% WTR, 49% MUD
	189'	G&OCMW 8% GAS, 11% OIL, 45% WTR, 36% MUD
	436'	TOTAL FLUID

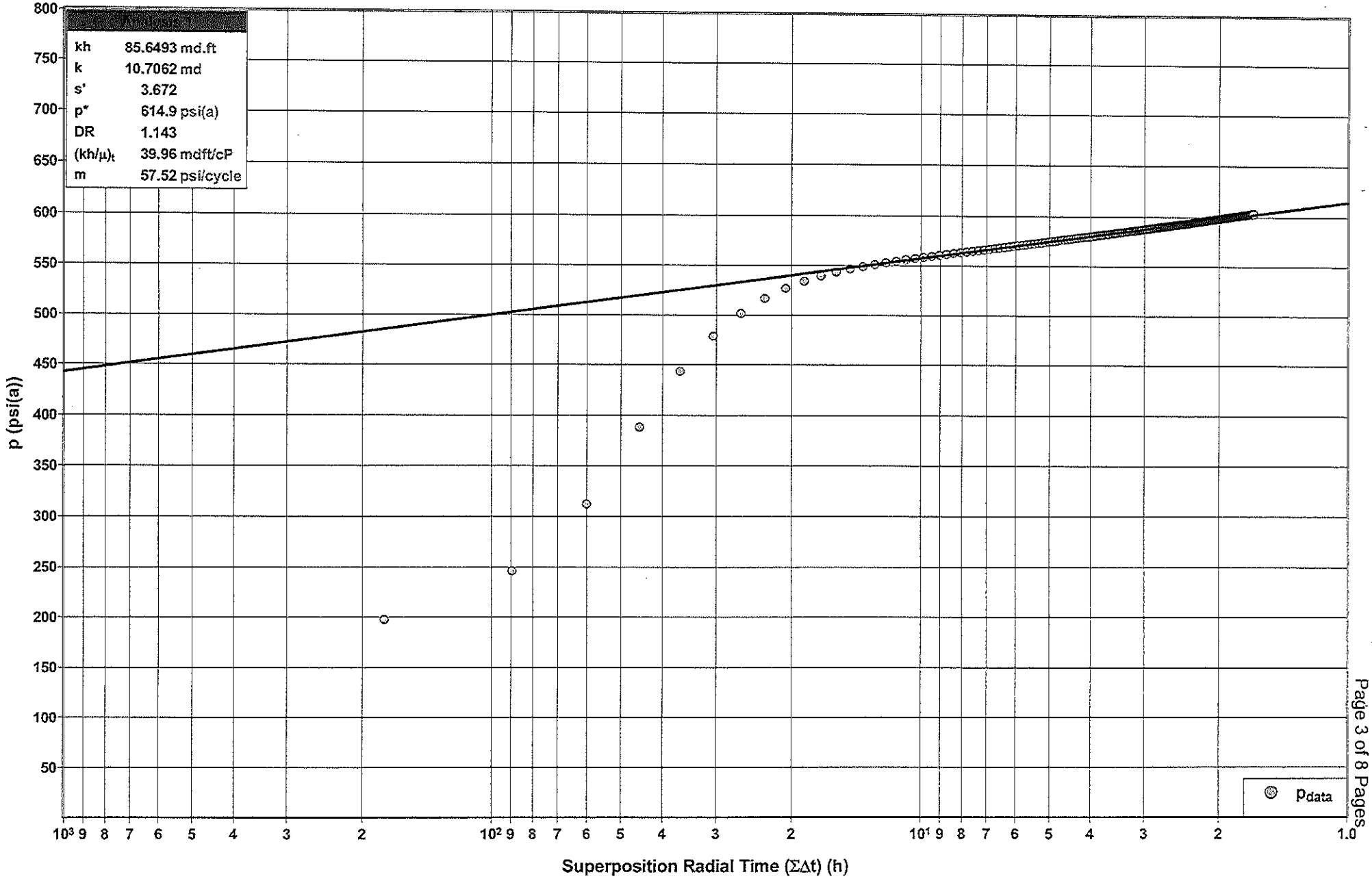
TOOL SAMPLE: 2% GAS, 4% OIL, 69% WTR, 36% MUD

CHLORIDES41,000 Ppm
PH 7.0
RW .16 @ 69 deg.

VESS OIL CORP
YOUNGER 'B' #1
DST #1 TOR./LANS 'A-F' 3,084' - 3,228

DST #1 INITIAL SHUT-IN

Radial



Oil Well Test - Buildup

Radial Flow Analysis

Analysis Results

Flow Capacity (kh)	85.6 md.ft	Total Skin (s')	3.784
Effective Permeability (k)	8.5649 md	Skin Due to Damage (s_d)	3.784
Effective Gas Permeability (k_g)	md	Skin Due To Inclination (s_{inc})	
Effective Oil Permeability (k_o)	8.5649 md	Skin Due To Partial Penetration (s_{PP})	
Effective Water Permeability (k_w)	md	Pressure Drop Due to Total Skin (Δp_{skin})	189.1 psi(a)
Total Fluid Rate (in situ) ($(q\beta)_t$)	14.1 rbbl/d	Damage Ratio (DR)	1.148
Total Mobility ($(k/\mu)_t$)	4.00 md/cP	Flow Efficiency (FE)	0.871
Total Transmissivity ($(kh/\mu)_t$)	39.96 mdft/cP		
Semi-Log Slope (m)	57.52 psi/cycle		

Reservoir Parameters

Net Pay (h)	10.000 ft
Total Porosity (ϕ_t)	8.00 %
Gas Saturation (S_g)	0.00 %
Oil Saturation (S_o)	80.00 %
Water Saturation (S_w)	20.00 %
Formation Compressibility (c_f)	5.3341e-06 1/psi
Total Compressibility (c_t)	1.3803e-05 1/psi
Wellbore Radius (r_w)	0.300 ft

Pressures

Extrapolated Pressure (p*)	614.9 psi(a)
Final Flowing Pressure (p_{wfo})	191.9 psi(a)
Final Measured Pressure (p_{last})	0.3 psi(a)

Fluid Properties

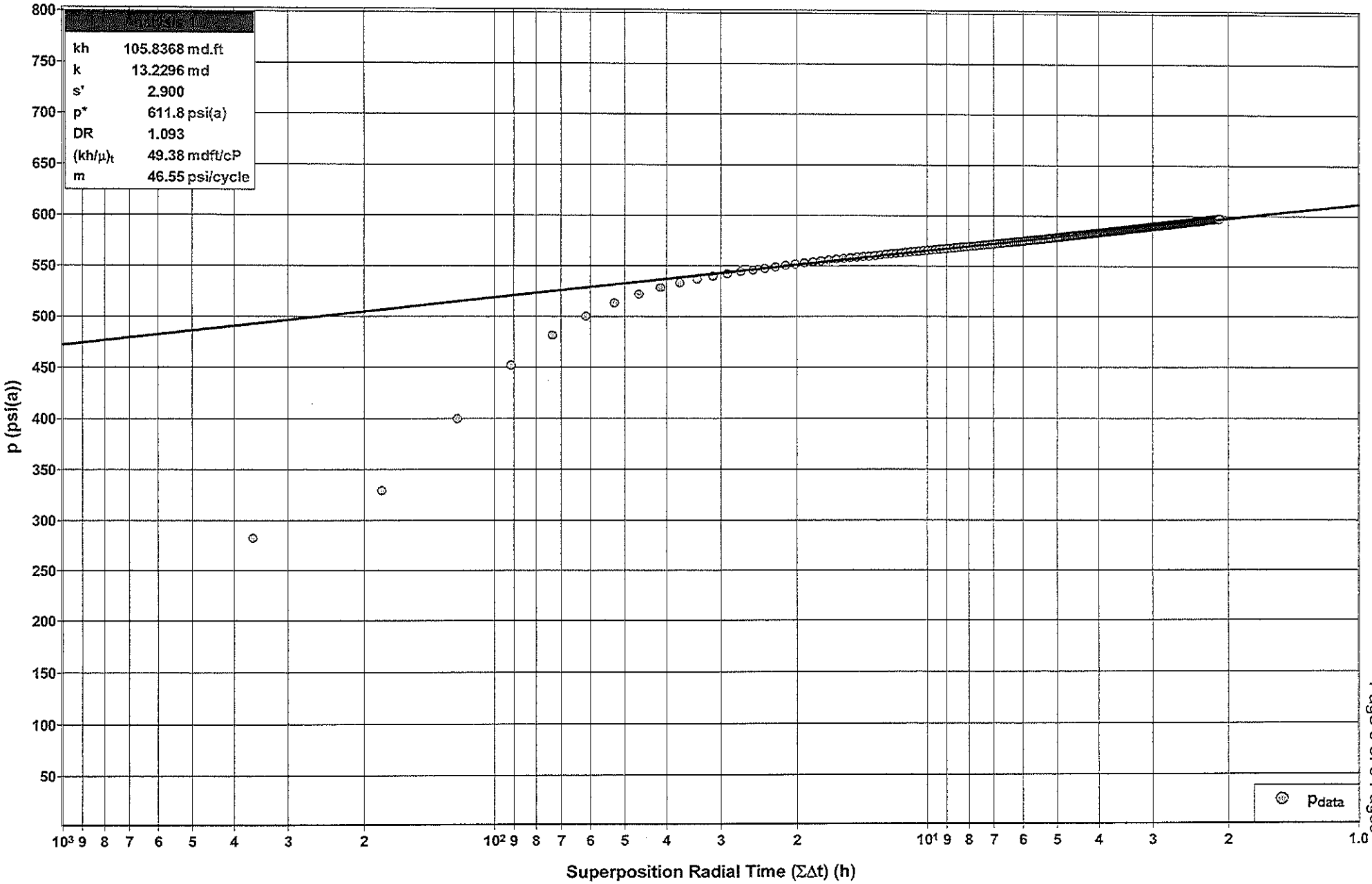
Reservoir Temperature (T_{resv})	103.0 °F
Reservoir Pressure (p_{resv})	1658.3 psi(a)
Oil Gravity (γ_o)	34.0 °API
Oil Viscosity (μ_o)	2.1435 cP
Oil Compressibility (c_o)	9.8285e-06 1/psi
Oil Formation Volume Factor (B_o)	1.178
Solution Gas Ratio (R_s)	325.9 scf/bbl
Oil Correlation	Vasquez and Beggs
Oil Viscosity Correlation	Beggs & Robinson

Production and Times

Corrected Time (t_c)	0.49 h
Total Cumulative Production Oil (Cum_{oil})	0.00 Mbbl
Final Oil Rate ($q_{o\ final}$)	12.0 bbl/d

VESS OIL CORP
YOUNGER 'B' #1
DST #1 TOR./LANS 'A-F' 3,084' - 3,228

DST #1 FINAL SHUT-IN
Radial



Oil Well Test - Buildup

Radial Flow Analysis

Analysis Results

Flow Capacity (kh)	106 md.ft	Total Skin (s')	3.011
Effective Permeability (k)	10.5837 md	Skin Due to Damage (s_d)	3.011
Effective Gas Permeability (k_g)	md	Skin Due To Inclination (s_{inc})	
Effective Oil Permeability (k_o)	10.5837 md	Skin Due To Partial Penetration (s_{pp})	
Effective Water Permeability (k_w)	md	Pressure Drop Due to Total Skin (Δp_{skin})	121.8 psi(a)
Total Fluid Rate (in situ) ($(q\beta)_t$)	14.1 rbbl/d	Damage Ratio (DR)	1.097
Total Mobility ($(k/\mu)_t$)	4.94 md/cP	Flow Efficiency (FE)	0.911
Total Transmissivity ($(kh/\mu)_t$)	49.38 mdft/cP		
Semi-Log Slope (m)	46.55 psi/cycle		

Reservoir Parameters

Net Pay (h)	10.000 ft
Total Porosity (ϕ_t)	8.00 %
Gas Saturation (S_g)	0.00 %
Oil Saturation (S_o)	80.00 %
Water Saturation (S_w)	20.00 %
Formation Compressibility (c_f)	5.3341e-06 1/psi
Total Compressibility (c_t)	1.3803e-05 1/psi
Wellbore Radius (r_w)	0.300 ft

Pressures

Extrapolated Pressure (p*)	611.8 psi(a)
Final Flowing Pressure (p_{wfo})	282.1 psi(a)
Final Measured Pressure (p_{last})	0.3 psi(a)

Fluid Properties

Reservoir Temperature (T_{resv})	103.0 °F
Reservoir Pressure (p_{resv})	1658.3 psi(a)
Oil Gravity (γ_o)	34.0 °API
Oil Viscosity (μ_o)	2.1435 cP
Oil Compressibility (c_o)	9.8285e-06 1/psi
Oil Formation Volume Factor (B_o)	1.178
Solution Gas Ratio (R_s)	325.9 scf/bbl
Oil Correlation	Vasquez and Beggs
Oil Viscosity Correlation	Beggs & Robinson

Production and Times

Corrected Time (t_c)	1.25 h
Total Cumulative Production Oil (Cum_{oil})	0.00 Mbbl
Final Oil Rate ($q_{o\ final}$)	12.0 bbl/d

VESS OIL CORP.
YOUNGER 'B' #1

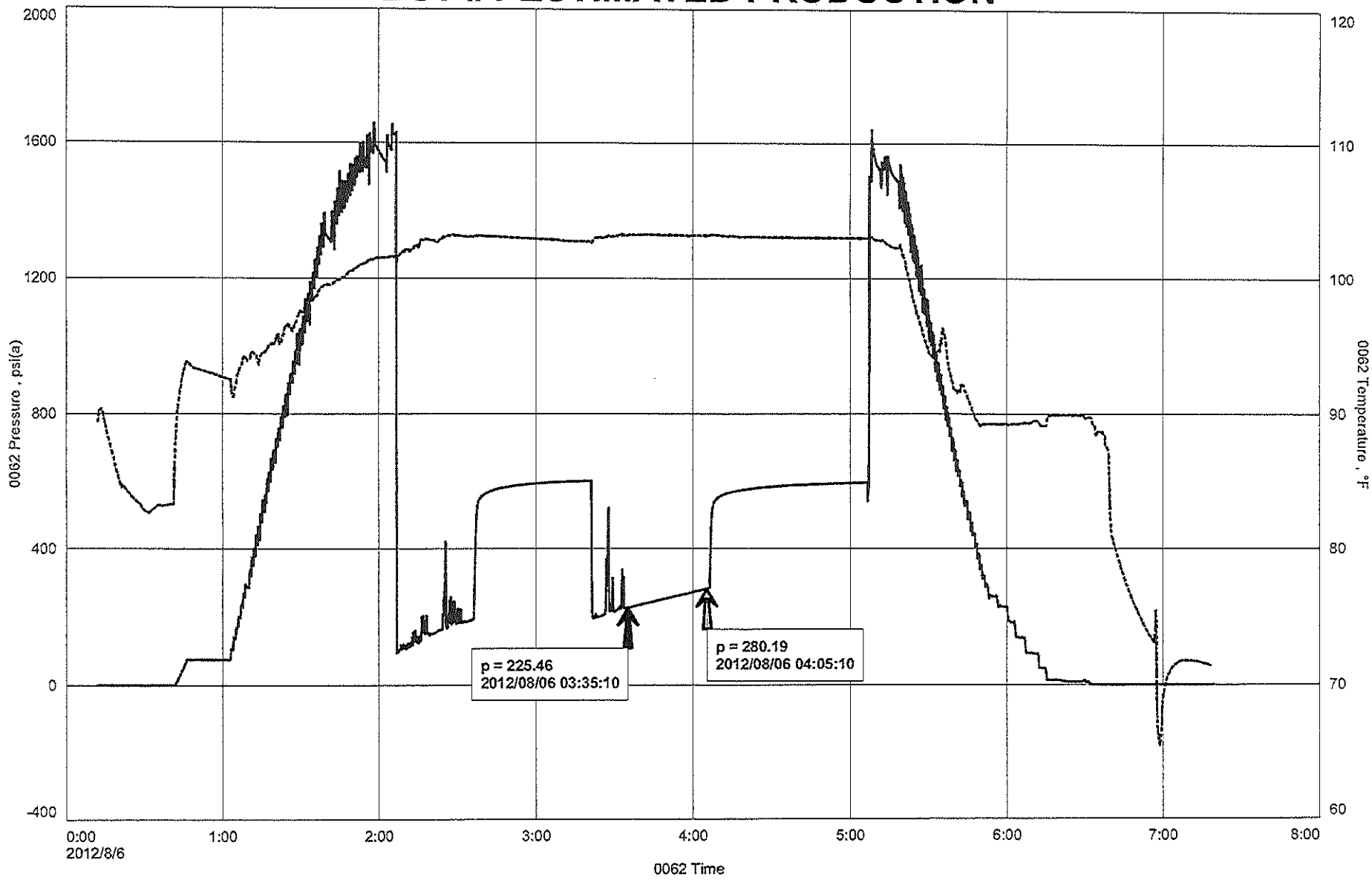
DST #1 TOR./LANS 'A-F' 3,084' - 3,228'

DESCRIPTION	SECOND READING	FIRST READING	PRESSURE CHANGE	DRILL-PIPE SIZE-ID	FLUID GRADIENT	TIME CHANGE	TOTAL TIME	DAILY PRODUCTION	AVERAGE PERCENTAGE OIL	ESTIMATED DAILY PRODUCTION
FINAL FLOW	280	225	55	0.0142	0.359	30	1440	104	11.40%	12

VESS OIL CORP
DST #1 TOR/LANS A-F 3084-3228
Start Test Date: 2012/08/06
Final Test Date: 2012/08/06

YOUNGER B #1
Formation: DST #1 TOR/LANS (A-F) 3084-3228

DST #1 ESTIMATED PRODUCTION



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Fast

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

Company Vess Oil Corporation Lease & Well No. Younger "B" No. 1

Elevation 1962 KB Formation Lansing "G" Effective Pay --Ft. Ticket No. 2876

Date 8-6-12 Sec. 12 Twp. 10S Range 17W County Rooks State Kansas

Test Approved By Roger L. Martin Diamond Representative Roger D. Friedly

Formation Test No. 2 Interval Tested from 3,228 ft. to 3,240 ft. Total Depth 3,240 ft

Packer Depth 3,223 ft. Size 6 3/4 in. Packer Depth --ft. Size --in.

Packer Depth 3,228 ft. Size 6 3/4 in. Packer Depth --ft. Size --in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,229 ft. Recorder Number 0062 Cap. 5,000 psi.

Bottom Recorder Depth (Outside) 3,237 ft. Recorder Number 11033 Cap. 5,150 psi.

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

Drilling Contractor L. D. Drilling, Inc. - Rig 1

Mud Type Chemical Viscosity 62

Weight 9.0 Water Loss 6.4 cc.

Chlorides 1,700 P.P.M.

Jars: Make Sterling Serial Number 5

Did Well Flow? No Reversed Out No

Drill Collar Length --ft I.D. --in.

Weight Pipe Length --ft I.D. --in.

Drill Pipe Length 3,201 ft I.D. 3 1/4 in.

Test Tool Length 27 ft Tool Size 3 1/2-IF in.

Anchor Length 12 ft. Size 4 1/2-FH in.

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, 1/8 in. blow increasing. Off bottom of bucket in 24 3/4 mins. No blow back during shut-in.

2nd Open: Weak, surface blow increasing. Off bottom of bucket in 29 3/4 mins. No blow back during shut-in.

Recovered 8 ft. of slightly oil cut muddy water = .082080 bbls. (Grind out: 2%-oil; 79%-water; 19%-mud)

Recovered 126 ft. of muddy water w/a scum of oil = 1.292760 bbls. (Grind out: 83%-water; 17%-mud)

Recovered 126 ft. of salt water = 1.292760 bbls. (Grind out: 100%-water) Chlorides: 66,500 Ppm PH: 7.0 RW: .09 @ 94°

Recovered 260 ft. of TOTAL FLUID = 2.667600 bbls.

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 100%-water with oil specks

ime Set Packer(s) 3:17 P.M. Time Started off Bottom 6:17 P.M. Maximum Temperature 103°

iitial Hydrostatic Pressure.....(A) 1515 P.S.I.

iitial Flow Period.....Minutes 30 (B) 17 P.S.I. to (C) 69 P.S.I.

iitial Closed In Period.....Minutes 45 (D) 610 P.S.I.

nal Flow Period.....Minutes 45 (E) 70 P.S.I to (F) 141 P.S.I.

nal Closed In Period.....Minutes 60 (G) 608 P.S.I.

nal Hydrostatic Pressure.....(H) 1515 P.S.I.

DIAMOND TESTING
ROGER D. FRIEDLY - TESTER
CELL 620-793-2043

Company Name	VESS OIL CORP
Contact	BILL HORIGAN
Well Name	YOUNGER B #1
Unique Well ID	DST #2 LANSING G 3228-3240
Surface Location	SEC 12-10S-17W-ROOKS CO-KS
Field	WILDCAT

Test Information

		Job Number	
		Test Unit	NO. 5
		Representative	JAKE FAHRENBRUCH
		Well Operator	VESS OIL CORP
		Report Date	2012/08/06
Test Type	CONVENTIONAL	Prepared By	JAKE FAHRENBRUCH
Formation	DST #2 LANSING G 3228-3240	Qualified By	ROGER MARTIN
Test Purpose	Initial Test		
Well Fluid Type	06 Water		
H2S			

Start Test Date	2012/08/06	Start Test Time	13:41:00
Final Test Date	2012/08/06	Final Test Time	20:29:00

Remarks

RECOVERED:	8'	SLTOCMW 2% OIL, 79% WTR, 19% MUD
	126'	MW 83% WTR, 17% MUD, SCUM OF OIL
	126'	SW 100% WTR
	260'	TOTAL FLUID

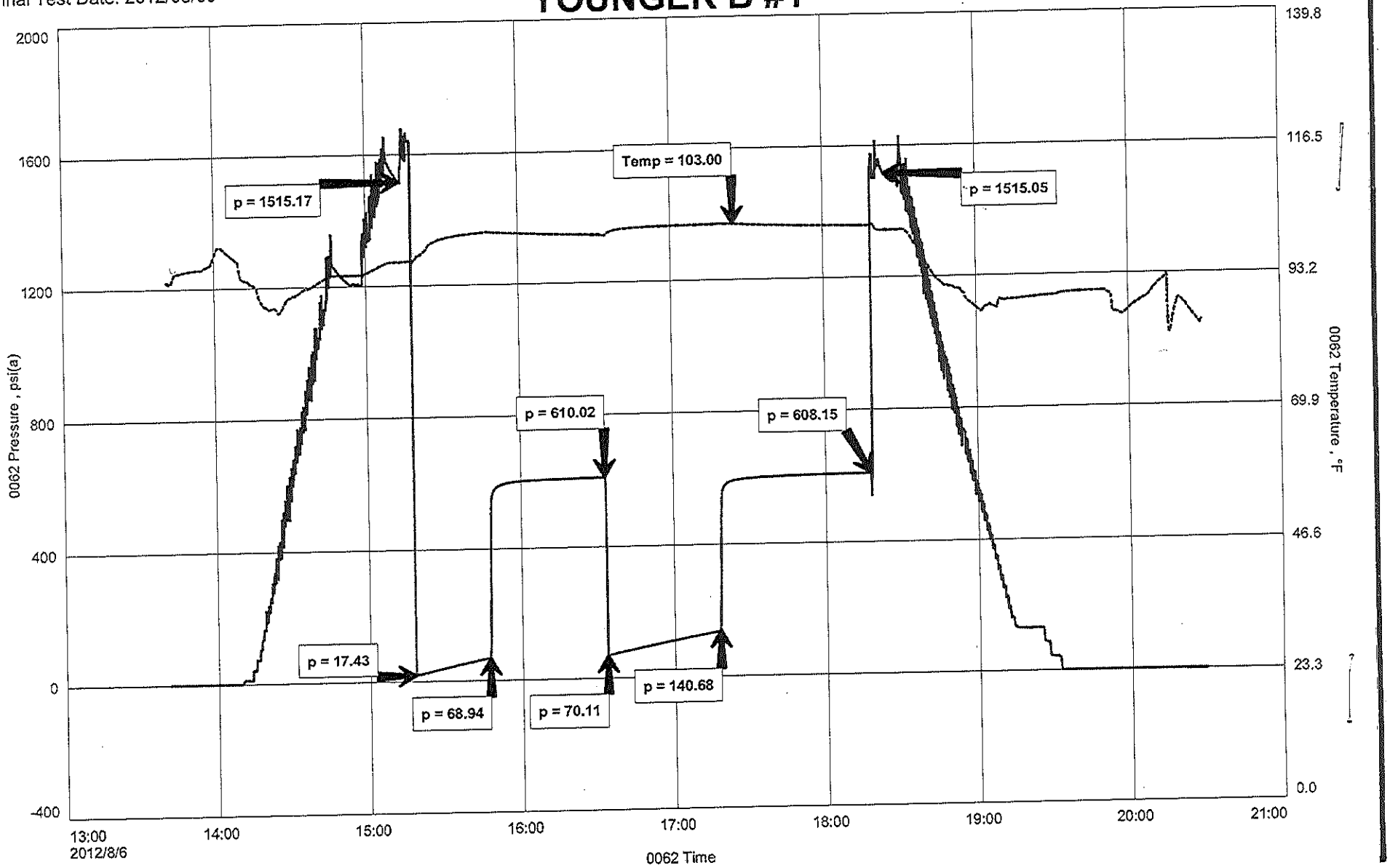
TOOL SAMPLE: 100% WTR-OIL SPECKS

CHLORIDES 66,500 Ppm
PH 7.0
RW .09 @ 94 deg

VESS OIL CORP
DST #2 LANSING G 3228-3240
Start Test Date: 2012/08/06
Final Test Date: 2012/08/06

YOUNGER B #1
Formation: DST #2 LANSING G 3228-3240

YOUNGER B #1



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

Company Vess Oil Corporation Lease & Well No. Younger "B" No. 1

Elevation 1962 KB Formation Kansas City "H"/Pleasanton Effective Pay -- Ft. Ticket No. 2877

Date 8-7-12 Sec. 12 Twp. 10S Range 17W County Rooks State Kansas

Test Approved By Roger L. Martin Diamond Representative Roger D. Friedly

Formation Test No. 3 Interval Tested from 3,253 ft. to 3,400 ft. Total Depth 3,400 ft

Packer Depth 3,248 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,253 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,386 ft. Recorder Number 0062 Cap. 5,000 psi.

Bottom Recorder Depth (Outside) 3,397 ft. Recorder Number 11033 Cap. 5,150 psi.

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

Drilling Contractor L. D. Drilling, Inc. - Rig 1

Mud Type Chemical Viscosity 49

Weight 9.2 Water Loss 6.4 cc.

Chlorides 1,700 P.P.M.

Jars: Make Sterling Serial Number 5

Did Well Flow? No Reversed Out No

Drill Collar Length -- ft I.D. -- in.

Weight Pipe Length -- ft I.D. -- in.

Drill Pipe Length 3,226 ft I.D. 3 1/4 in.

Test Tool Length 27 ft Tool Size 3 1/2-IF in.

Anchor Length 20' perf. w/127' drill pipe Size 4 1/2-FH in.

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, 1/8 in. blow increasing to 1 1/4 in. in bucket. No blow back during shut-in.

2nd Open: Weak, surface blow. Died after 10 mins. No blow back during shut-in.

Recovered 25 ft. of drilling mud = .256500 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

Time Set Packer(s) 2:11 P.M. Time Started off Bottom 5:11 P.M. Maximum Temperature 103°

Initial Hydrostatic Pressure.....(A) 1625 P.S.I.

Initial Flow Period.....Minutes 30 (B) 89 P.S.I. to (C) 99 P.S.I.

Initial Closed In Period.....Minutes 45 (D) 725 P.S.I.

Final Flow Period.....Minutes 45 (E) 94 P.S.I to (F) 99 P.S.I.

Final Closed In Period.....Minutes 60 (G) 650 P.S.I.

Final Hydrostatic Pressure.....(H) 1623 P.S.I.

DIAMOND TESTING
ROGER D. FRIEDLY - TESTER
CELL 620-793-2043

Company Name	VESS OIL CORP
Contact	BILL HORIGAN
Well Name	YOUNGER 'B' #1
Unique Well ID	DST #3 KC 'H' - PLEAS. 3253-3400
Surface Location	SEC 12-10S-17W-ROOKS CO.-KS
Field	WILDCAT

Test Information

		Job Number	
		Test Unit	NO. 5
		Representative	JAKE FAHRENBRUCH
		Well Operator	VESS OIL CORP
		Report Date	2012/08/07
Test Type	CONVENTIONAL	Prepared By	JAKE FAHRENBRUCH
Formation	DST #3 KC 'H' - PLEAS. 3253-3400	Qualified By	ROGER MARTIN
Test Purpose	Initial Test		
Well Fluid Type	01 Oil		
H2S			
Start Test Date	2012/08/07	Start Test Time	12:06:00
Final Test Date	2012/08/07	Final Test Time	19:20:00

Remarks

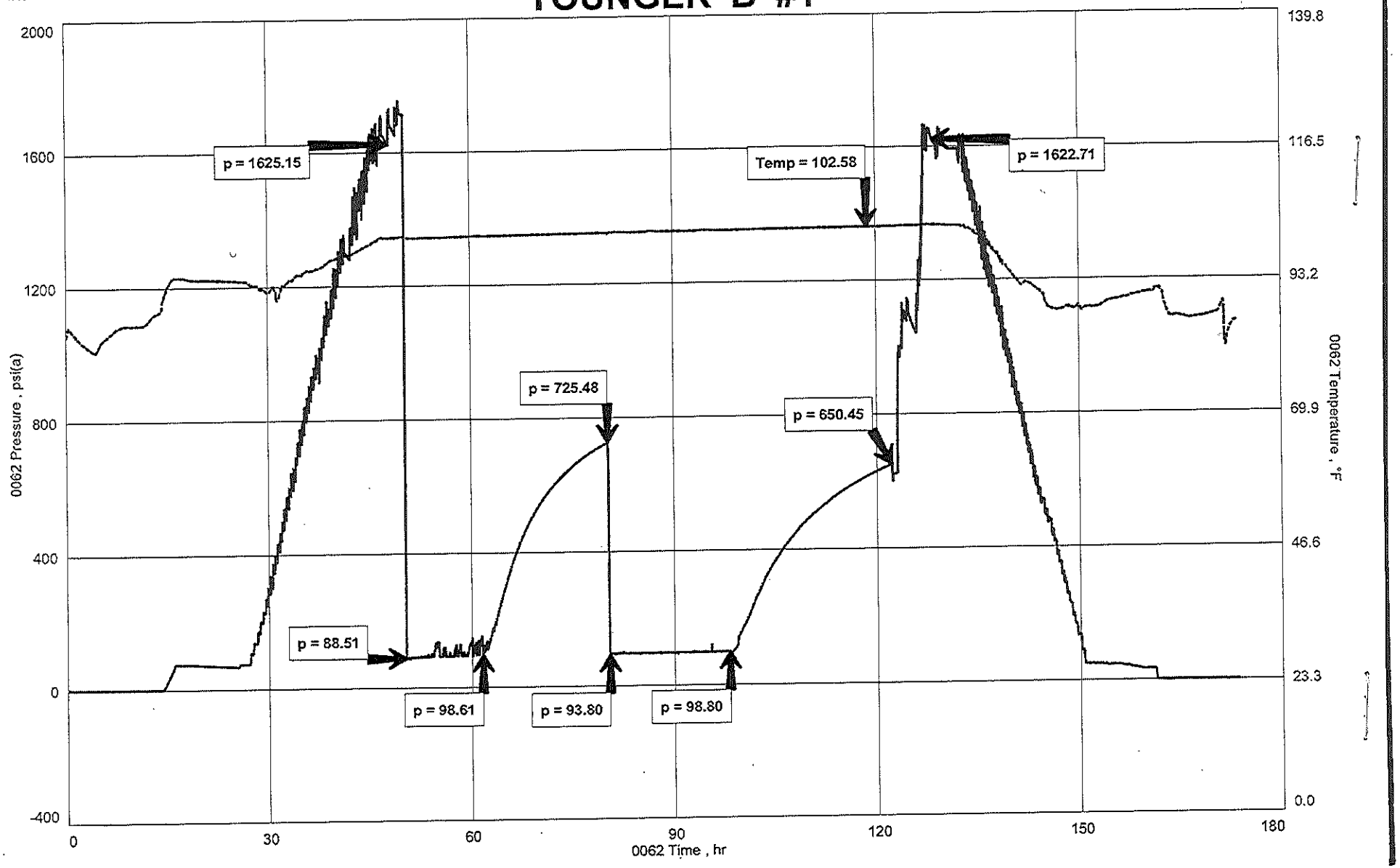
RECOVERED: 25' DRILLING MUD 100%MUD

TOOL SAMPLE: 100% DRILLING MUD

VESS OIL CORP
DST #3 KC 'H' - PLEAS. 3253-3400
Start Test Date: 2012/08/07
Final Test Date: 2012/08/07

YOUNGER 'B' #1
Formation: DST #3 KC 'H' - PLEAS. 3253-3400

YOUNGER 'B' #1



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

Company Vess Oil Corporation Lease & Well No. Younger "B" No. 1

Elevation 1962 KB Formation Arbuckle Effective Pay -- Ft. Ticket No. 2878

Date 8-8-12 Sec. 12 Twp. 10S Range 17W County Rooks State Kansas

Test Approved By Roger L. Martin Diamond Representative Roger D. Friedly

Formation Test No. 4 Interval Tested from 3,367 ft. to 3,507 ft. Total Depth 3,507 ft

Packer Depth 3,362 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,367 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,468 ft. Recorder Number 0062 Cap. 5,000 psi.

Bottom Recorder Depth (Outside) 3,504 ft. Recorder Number 11033 Cap. 5,150 psi.

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

Drilling Contractor L. D. Drilling, Inc. - Rig 1

Mud Type Chemical Viscosity 56

Weight 9.3 Water Loss 6.4 cc.

Chlorides 1,700 P.P.M.

Jars: Make Sterling Serial Number 5

Did Well Flow? No Reversed Out No

Drill Collar Length -- ft I.D. -- in.

Weight Pipe Length -- ft I.D. -- in.

Drill Pipe Length 3,340 ft I.D. 3 1/4 in.

Test Tool Length 27 ft Tool Size 3 1/2-IF in.

Anchor Length 45' perf. w/95' drill pipe Size 4 1/2-FH in.

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, 1/2 in. blow increasing. Off bottom of bucket in 22 mins. No blow back during shut-in.

2nd Open: Weak, surface blow in 1 1/2 mins. increasing. Off bottom of bucket in 33 1/4 mins. No blow back during shut-in.

Recovered 98 ft. of oil cut watery mud = 1.005480 bbls. (Grind out: 2%-oil; 4%-water; 94%-mud)

Recovered 189 ft. of gas & oil cut watery mud = 1.939140 bbls. (Grind out: 2%-gas; 7%-oil; 37%-water; 54%-mud) Chlorides: 14,000 Ppm PH: 7.0 RW: .36 @ 82°

Recovered 287 ft. of TOTAL FLUID = 2.944620 bbls.

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 8%-gas; 10%-oil; 30%-water; 52%-mud

Time Set Packer(s) 6:40 P.M. Time Started off Bottom 9:40 P.M. Maximum Temperature 105°

Initial Hydrostatic Pressure.....(A) 1707 P.S.I.

Initial Flow Period.....Minutes 30 (B) 87 P.S.I. to (C) 136 P.S.I.

Initial Closed In Period.....Minutes 45 (D) 1060 P.S.I.

Final Flow Period.....Minutes 45 (E) 144 P.S.I to (F) 208 P.S.I.

Final Closed In Period.....Minutes 60 (G) 1064 P.S.I.

Final Hydrostatic Pressure.....(H) 1671 P.S.I.

DIAMOND TESTING
ROGER D. FRIEDLY - TESTER
CELL 620-793-2043

Company Name	VESS OIL CORP
Contact	BILL HORIGAN
Well Name	YOUNGER 'B' #1
Unique Well ID	DST #4 ARBUCKLE 3367-3507
Surface Location	SEC 12-10S-17W-ROOKS CO.-KS
Field	WILDCAT

Test Information

		Job Number	
		Test Unit	NO. 5
		Representative	JAKE FAHRENBRUCH
		Well Operator	VESS OIL CORP
		Report Date	2012/08/09
Test Type	CONVENTIONAL	Prepared By	JAKE FAHRENBRUCH
Formation	DST #4 ARBUCKLE 3367-3507	Qualified By	ROGER MARTIN
Test Purpose	Initial Test		
Well Fluid Type	01 Oil		
H2S			
Start Test Date	2012/08/08	Start Test Time	16:16:00
Final Test Date	2012/08/08	Final Test Time	23:56:00

Remarks

RECOVERED:	98'	OCWM 2% OIL, 4% WTR, 94% MUD
	189'	G&OCWM 2% GAS, 7% OIL, 37% WTR, 54% MUD
	287'	TOTAL FLUID

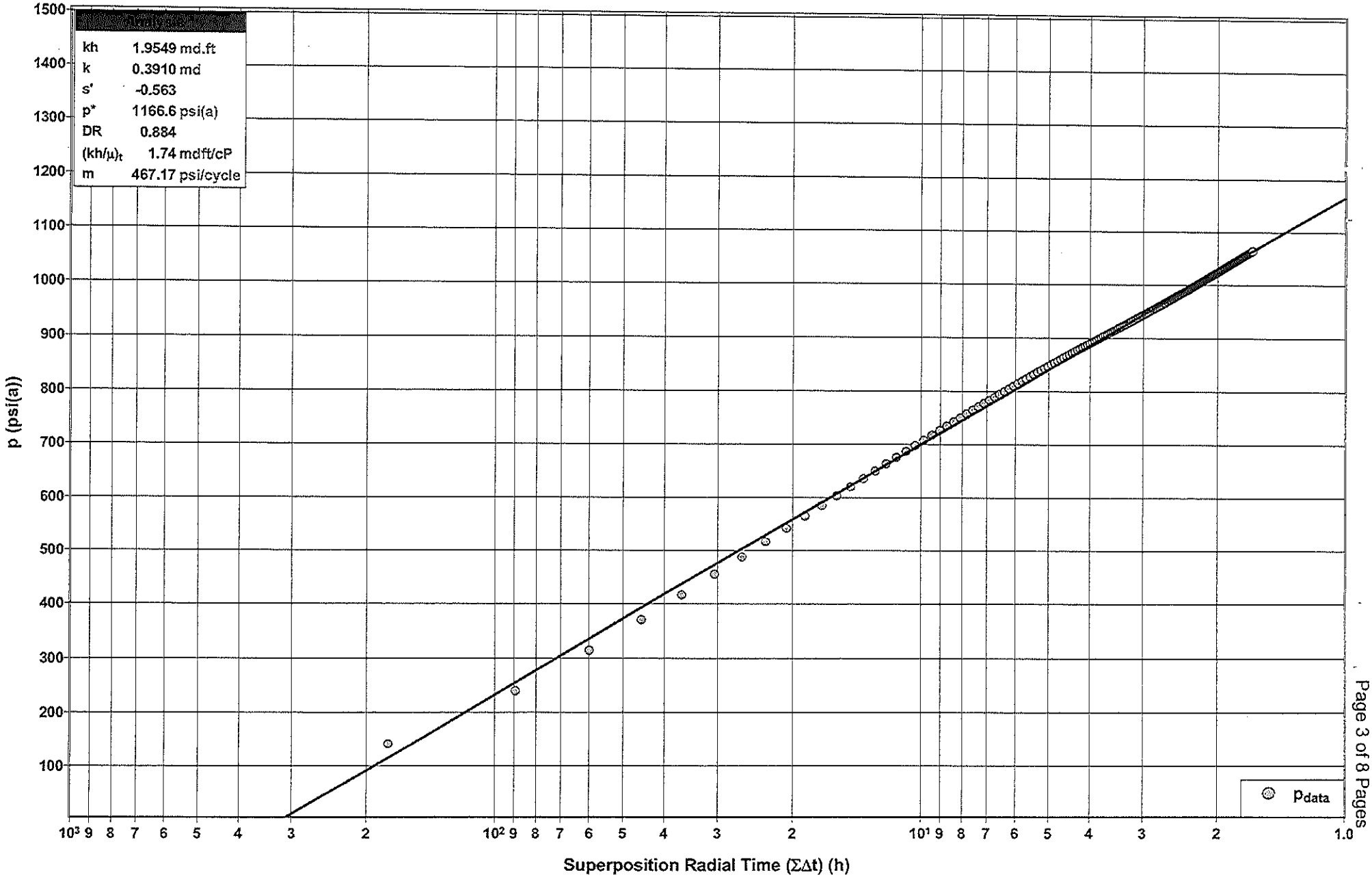
TOOL SAMPLE: 8% GAS, 10% OIL, 30% WTR, 52% MUD

CHLORIDES: 14,000 Ppm
RW: .36 @ 82 Deg
PH: 7.0

VESS OIL CORP
YOUNGER 'B' #1
DST #4 ARBUCKLE 3,367' - 3,507'

DST #4 INITIAL SHUT-IN

Radial



Oil Well Test - Buildup

Radial Flow Analysis

Analysis Results

Flow Capacity (kh)	1.95 md.ft	Total Skin (s')	-0.563
Effective Permeability (k)	0.3910 md	Skin Due to Damage (s_d)	-0.563
Effective Gas Permeability (k_g)	md	Skin Due To Inclination (s_{Inc})	
Effective Oil Permeability (k_o)	0.3910 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) ($(q\beta)_t$)	5.0 rbbl/d	Damage Ratio (DR)	0.884
Total Mobility ($(k/\mu)_t$)	0.35 md/cP	Flow Efficiency (FE)	1.131
Total Transmissivity ($(kh/\mu)_t$)	1.74 mdft/cP		
Semi-Log Slope (m)	467.17 psi/cycle		

Reservoir Parameters

Net Pay (h)	5.000 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)	1.5023e-05 1/psi
Wellbore Radius (r_w)	0.300 ft

Pressures

Extrapolated Pressure (p*)	1166.6 psi(a)
Final Flowing Pressure (p_{wfo})	135.9 psi(a)
Final Measured Pressure (p_{last})	0.3 psi(a)

Fluid Properties

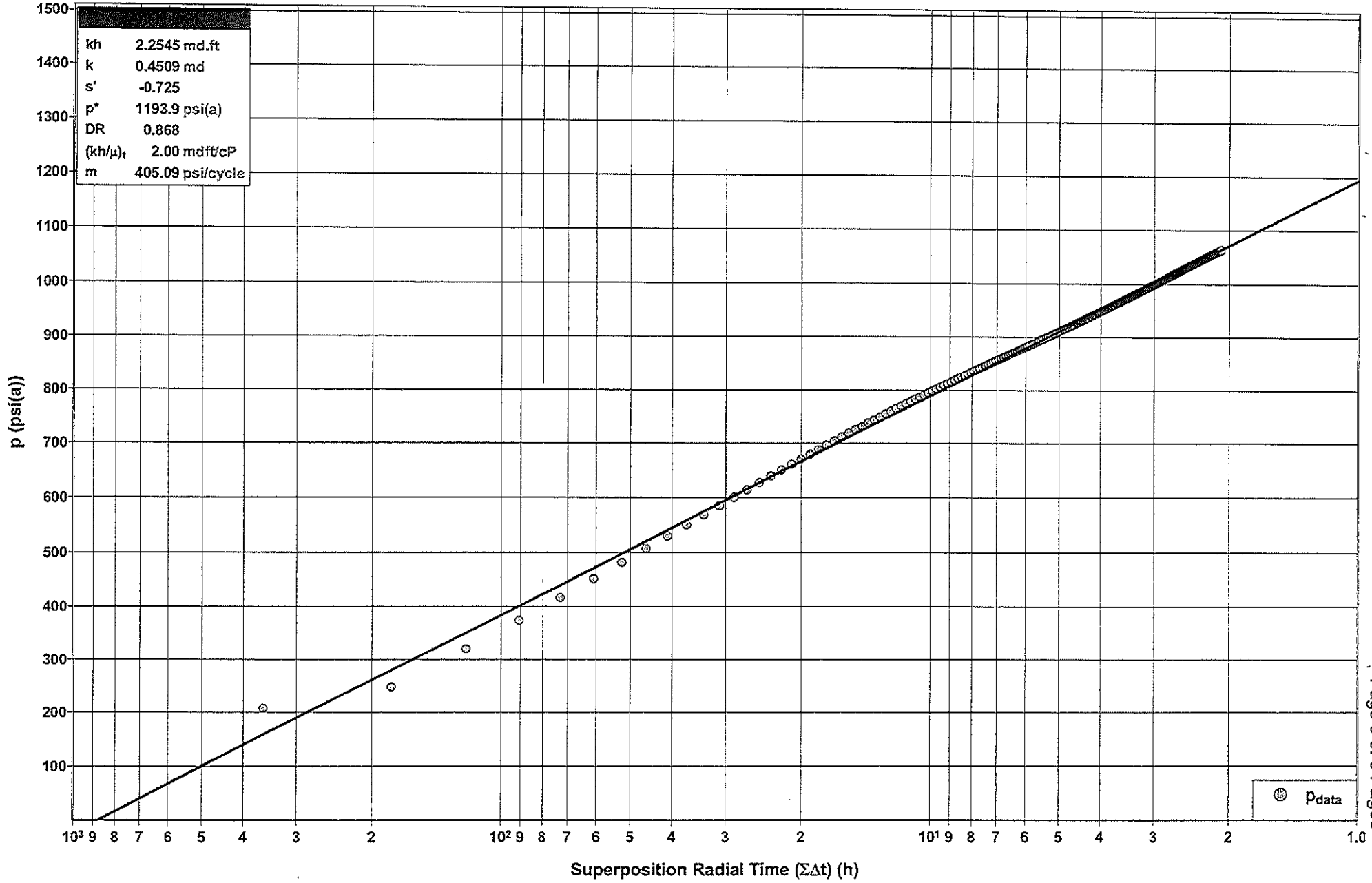
Reservoir Temperature (T_{resv})	105.0 °F
Reservoir Pressure (p_{resv})	1879.9 psi(a)
Oil Gravity (γ_o)	39.0 °API
Oil Viscosity (μ_o)	1.1246 cP
Oil Compressibility (c_o)	1.2891e-05 1/psi
Oil Formation Volume Factor (B_o)	1.249
Solution Gas Ratio (R_s)	465.1 scf/bbl
Oil Correlation	Vasquez and Beggs
Oil Viscosity Correlation	Beggs & Robinson

Production and Times

Corrected Time (t_c)	0.49 h
Total Cumulative Production Oil (Cum_{oil})	0.00 Mbbl
Final Oil Rate ($q_{o\ final}$)	4.0 bbl/d

VESS OIL CORP
YOUNGER 'B' #1
DST #4 ARBUCKLE 3,367' - 3,507'

DST #4 FINAL SHUT-IN
Radial



Oil Well Test - Buildup

Radial Flow Analysis

Analysis Results

Flow Capacity (kh)	2.25 md.ft	Total Skin (s')	-0.725
Effective Permeability (k)	0.4509 md	Skin Due to Damage (s_d)	-0.725
Effective Gas Permeability (k_g)	md	Skin Due To Inclination (s_{inc})	
Effective Oil Permeability (k_o)	0.4509 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) ($(q\beta)_t$)	5.0 rbbl/d	Damage Ratio (DR)	0.868
Total Mobility ($(k/\mu)_t$)	0.40 md/cP	Flow Efficiency (FE)	1.153
Total Transmissivity ($(kh/\mu)_t$)	2.00 mdft/cP		
Semi-Log Slope (m)	405.09 psi/cycle		

Reservoir Parameters

Net Pay (h)	5.000 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)	1.5023e-05 1/psi
Wellbore Radius (r_w)	0.300 ft

Pressures

Extrapolated Pressure (p*)	1193.9 psi(a)
Final Flowing Pressure (p_{wfo})	207.8 psi(a)
Final Measured Pressure (p_{last})	0.3 psi(a)

Fluid Properties

Reservoir Temperature (T_{resv})	105.0 °F
Reservoir Pressure (p_{resv})	1879.9 psi(a)
Oil Gravity (γ_o)	39.0 °API
Oil Viscosity (μ_o)	1.1246 cP
Oil Compressibility (c_o)	1.2891e-05 1/psi
Oil Formation Volume Factor (B_o)	1.249
Solution Gas Ratio (R_s)	465.1 scf/bbl
Oil Correlation	Vasquez and Beggs
Oil Viscosity Correlation	Beggs & Robinson

Production and Times

Corrected Time (t_c)	1.24 h
Total Cumulative Production Oil (Cum_{oil})	0.00 Mbbl
Final Oil Rate ($q_{o\ final}$)	4.0 bbl/d

VESS OIL CORP.
YOUNGER 'B' #1

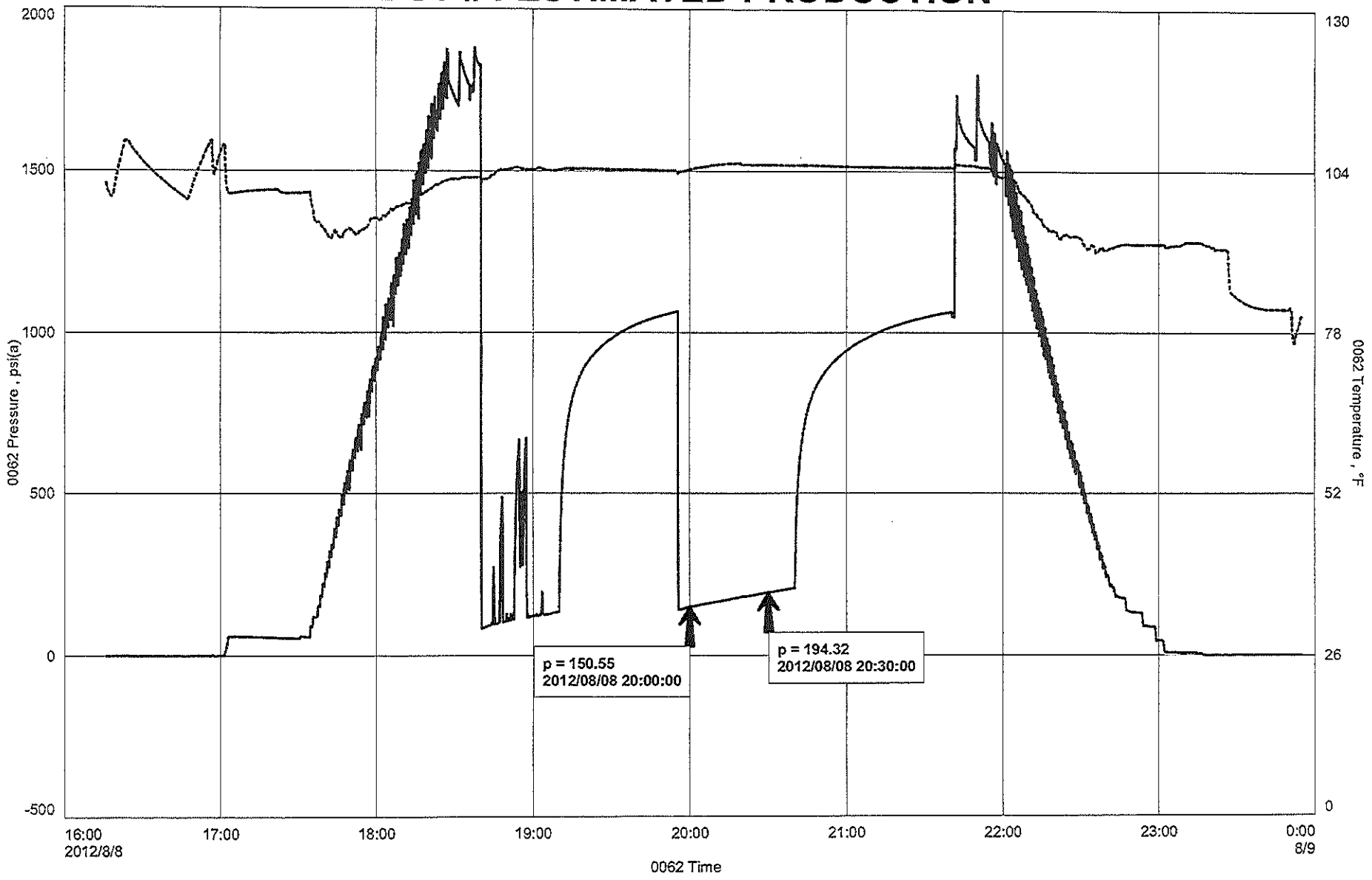
DST #4 ARBUCKLE 3,367' - 3,507

DESCRIPTION	SECOND READING	FIRST READING	PRESSURE CHANGE	DRILL-PIPE SIZE-ID	FLUID GRADIENT	TIME CHANGE	TOTAL TIME	DAILY PRODUCTION	AVERAGE PERCENTAGE OIL	ESTIMATED DAILY PRODUCTION
FINAL FLOW	194	151	43	0.0142	0.359	30	1440	82	5.00%	4

VESS OIL CORP
DST #4 ARBUCKLE 3367-3507
Start Test Date: 2012/08/08
Final Test Date: 2012/08/08

YOUNGER 'B' #1
Formation: DST #4 ARBUCKLE 3367-3507

DST #4 ESTIMATED PRODUCTION



VESS OIL CORP
DST #4 ARBUCKLE 3367-3507
Start Test Date: 2012/08/08
Final Test Date: 2012/08/08

YOUNGER 'B' #1