



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1227895
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW 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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1227895

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ 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: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 3/11/2014
 Invoice # 7125

P.O.#:
 Due Date: 4/10/2014
 Division: Russell

Invoice

Contact:
 Webco Oil Company
Address/Job Location:
 Webco Oil Company
 2136 NE 90th Ave
 Hoisington Ks 67544

Reference:
 KAUFMAN 1

Description of Work:
 SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 1,020.55	No				
Common-Class A	220	\$ 3,688.24	Yes				
Calcium Chloride	8	\$ 497.67	Yes				
Bulk Truck Matl-Material Service Charge	232	\$ 518.59	No				
Pump Truck Mileage-Job to Nearest Camp	34	\$ 379.24	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	34	\$ 221.92	No				
Premium Gel (Bentonite)	4	\$ 72.78	Yes				

Invoice Terms:

Net 30

	<i>SubTotal:</i>	\$	6,398.98
	<i>Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice:</i>	\$	(959.85)
<hr/>			
	SubTotal for Taxable Items:	\$	3,619.88
	SubTotal for Non-Taxable Items:	\$	1,819.25
<hr/>			
	Total:	\$	5,439.13
	Tax:	\$	295.02
<hr/>			
	Amount Due:	\$	5,734.15
	Applied Payments:		
	Balance Due:	\$	5,734.15

Thank You For Your Business!

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
 ©2008-2013 Straker Investments, LLC. All rights reserved.

Paid 3-15-14
chk # 12625
M.R.

QUALITY OILWELL CEMENTING, INC.

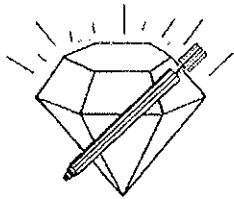
Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 7125

Date	3-11-14	Sec.	36	Twp.	15	Range	12	County	Russell	State	KS	On Location		Finish	4:30AM
Lease								Well No. 1		Location Debuque church + CL, E, Nn2					
Contractor Southwind 2								Owner		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Type Job Surface								Charge To		webco o.e					
Hole Size 12'4				T.D.		473		Street							
Csg. 8 5/8				Depth		473		City State							
Tbg. Size				Depth		The above was done to satisfaction and supervision of owner agent or contractor.									
Tool				Depth		Cement Amount Ordered 220 sxcom, 3%cc, 2%gel									
Cement Left in Csg.				Shoe Joint		20		Meas Line Displace 28 1/2 bbl							
EQUIPMENT															
Pumptrk 5		No.	Cementer	Common 220											
		No.	Helper Lannie W	Poz. Mix											
Bulktrk 1		No.	Driver Chad	Gel. 4											
Bulktrk P4		No.	Driver Travis	Calcium 8											
JOB SERVICES & REMARKS															
Remarks: cement did circulate								Hulls							
Rat Hole								Salt							
Mouse Hole								Flowseal							
Centralizers								Kol-Seal							
Baskets								Mud CLR 48							
D/V or Port Collar								CFL-117 or CD110 CAF 38							
								Sand							
								Handling 232							
								Mileage							
FLOAT EQUIPMENT															
								Guide Shoe							
								Centralizer							
								Baskets							
								AFU Inserts							
								Float Shoe							
								Latch Down							
								Pumptrk Charge Surface							
								Mileage 34							
X Signature <i>William Anderson</i>												Tax			
												Discount			
												Total Charge			



DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC/Kaufmanw-1dst1

Company Webco Oil Company, Inc. Lease & Well No. Kaufman No. W-1
Elevation 1875 KB Formation Lansing "A" & "B" Effective Pay _____ Ft. Ticket No. J3200
Date 3-14-14 Sec. 36 Twp. 15S Range 12W County Russell State Kansas
Test Approved By Kurt Talbott Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 3,053 ft. to 3,080 ft. Total Depth 3,080 ft.
Packer Depth 3,048 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3,053 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,056 ft. Recorder Number 30046 Cap. 6,000 psi.
Bottom Recorder Depth (Outside) 3,077 ft. Recorder Number 13498 Cap. 6,000 psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 2 Drill Collar Length _____ ft. I.D. _____ in.
Mud Type Chemical Viscosity 51 Weight Pipe Length _____ ft. I.D. _____ in.
Weight 8.8 Water Loss 8.0 cc. Drill Pipe Length 3,033 ft. I.D. 3 1/2 in.
Chlorides 3,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 27 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, 1/2 in. blow. No blow back during shut-in.

2nd Open: Weak, 1 in. blow. No blow back during shut-in.

Recovered 15 ft. of slightly oil cut mud = .213450 bbls. (Grind out: 5%-oil; 95%-mud)
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks Tool Sample Grind Out: 10%-oil; 90%-mud

Time Set Packer(s) 6:50 P.M. Time Started off Bottom 8:50 P.M. Maximum Temperature 96°
Initial Hydrostatic Pressure.....(A) 1447 P.S.I.
Initial Flow Period.....Minutes 30 (B) 13 P.S.I. to (C) 15 P.S.I.
Initial Closed In Period.....Minutes 30 (D) 80 P.S.I.
Final Flow Period.....Minutes 30 (E) 11 P.S.I. to (F) 16 P.S.I.
Final Closed In Period.....Minutes 30 (G) 73 P.S.I.
Final Hydrostatic Pressure.....(H) 1427 P.S.I.

GENERAL INFORMATION

Client Information:

Company: WEBCO OIL

Contact: NICK WEBER

Phone: Fax: e-mail:

Site Information:

Contact: KURT TALBOTT

Phone: Fax: e-mail:

Well Information:

Name: KAUFMAN W-1

Operator: WEBCO OIL

Location-Downhole:

Location-Surface: S36/15S/12W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KURT TALBOTT

Test Type: DST #1 CONVENTIONAL Job Number: J3200

Test Unit:

Start Date: 2014/03/14 Start Time: 17:30:00

End Date: 2014/03/14 End Time: 22:30:00

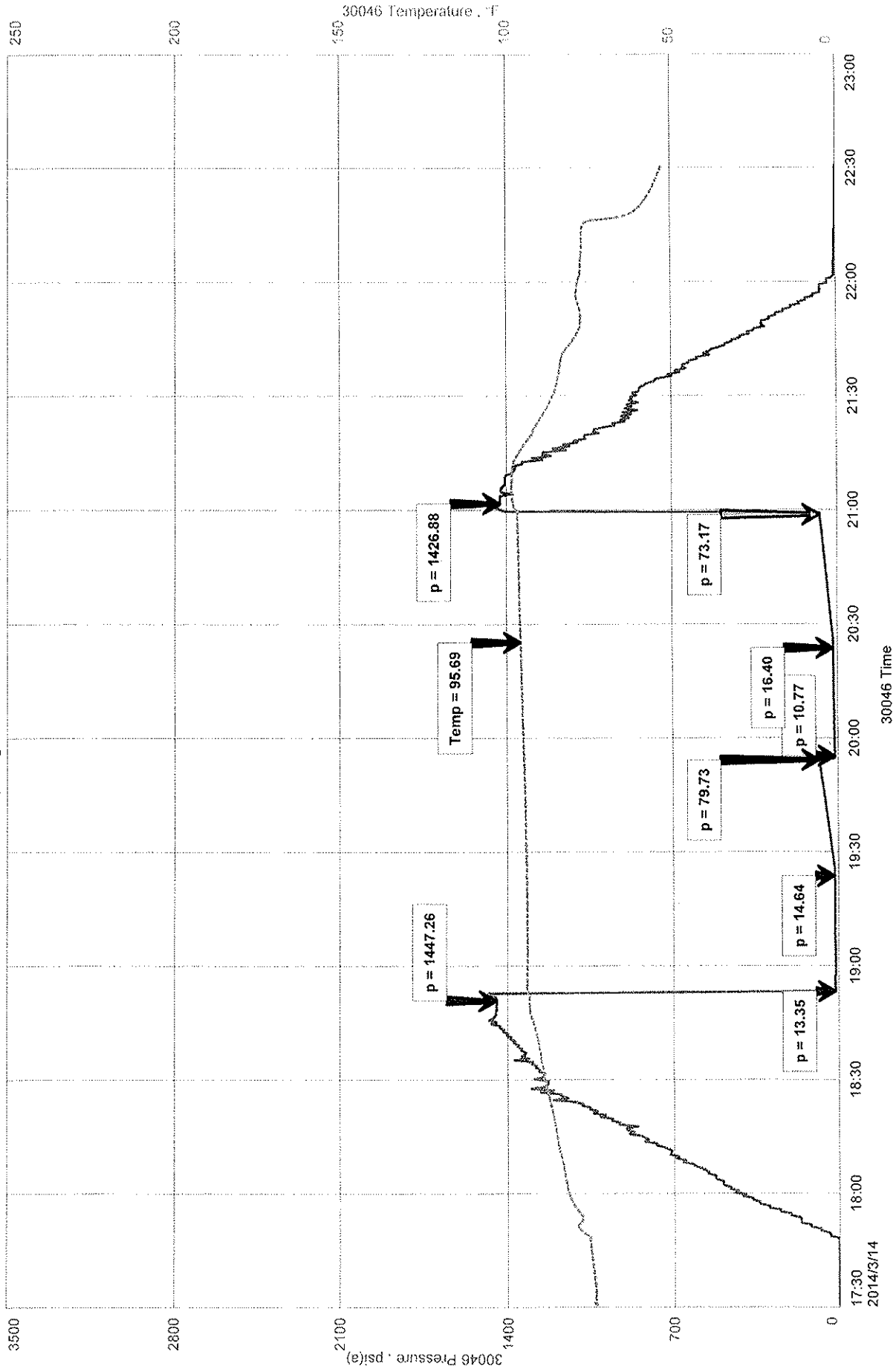
Report Date: 2014/03/14 Prepared By: JOHN RIEDL

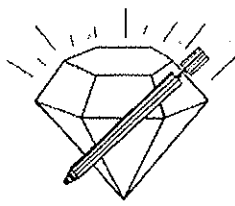
Qualified By: KURT TALBOTT

Remarks:

RECOVERY: 15' SLIGHTLY OIL CUT MUD

KAUFMAN W-1





DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC/Kaufmanw-1dst2

Company Webco Oil Company, Inc. Lease & Well No. Kaufman No. W-1
Elevation 1875 KB Formation Lansing/Kansas City "H" - "J" Effective Pay _____ Ft. Ticket No. J3201
Date 3-15-14 Sec. 36 Twp. 15S Range 12W County Russell State Kansas
Test Approved By Kurt Talbott Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 3,205 ft. to 3,260 ft. Total Depth 3,260 ft.
Packer Depth 3,200 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3,205 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,208 ft. Recorder Number 30046 Cap. 6,000 psi.
Bottom Recorder Depth (Outside) 3,257 ft. Recorder Number 13498 Cap. 6,000 psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 2 Drill Collar Length _____ ft I.D. _____ in.
Mud Type Chemical Viscosity 47 Weight Pipe Length _____ ft I.D. _____ in.
Weight 9.2 Water Loss 8.2 cc. Drill Pipe Length 3,185 ft I.D. 3 1/2 in.
Chlorides 4,000 P.P.M. Test Tool Length 20 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 25' perf. w/30' 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: Weak, 1/2 in. blow. No blow back during shut-in.

2nd Open: Very weak blow. Died in 10 mins. No blow back during shut-in.

Recovered 12 ft. of drilling mud = .170760 bbls.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks Tool Sample Grind Out: 100%-mud

Time Set Packer(s) 2:20 P.M. Time Started off Bottom 4:20 P.M. Maximum Temperature 99°
Initial Hydrostatic Pressure.....(A) 1546 P.S.I.
Initial Flow Period.....Minutes 30 (B) 13 P.S.I. to (C) 16 P.S.I.
Initial Closed In Period.....Minutes 30 (D) 66 P.S.I.
Final Flow Period.....Minutes 30 (E) 17 P.S.I. to (F) 22 P.S.I.
Final Closed In Period.....Minutes 30 (G) 51 P.S.I.
Final Hydrostatic Pressure.....(H) 1540 P.S.I.

GENERAL INFORMATION

Client Information:

Company: WEBCO OIL

Contact: NICK WEBER

Phone: Fax: e-mail:

Site Information:

Contact: KURT TALBOTT

Phone: Fax: e-mail:

Well Information:

Name: KAUFMAN W-1

Operator: WEBCO OIL

Location-Downhole:

Location-Surface: S36/15S/12W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KURT TALBOTT

Test Type: DST #2 CONVENTIONAL Job Number: J3201

Test Unit:

Start Date: 2014/03/15 Start Time: 13:00:00

End Date: 2014/03/15 End Time: 19:00:00

Report Date: 2014/03/15 Prepared By: JOHN RIEDL

Qualified By: KURT TALBOTT

Remarks:

RECOVERY: 12' DRILLING MUD

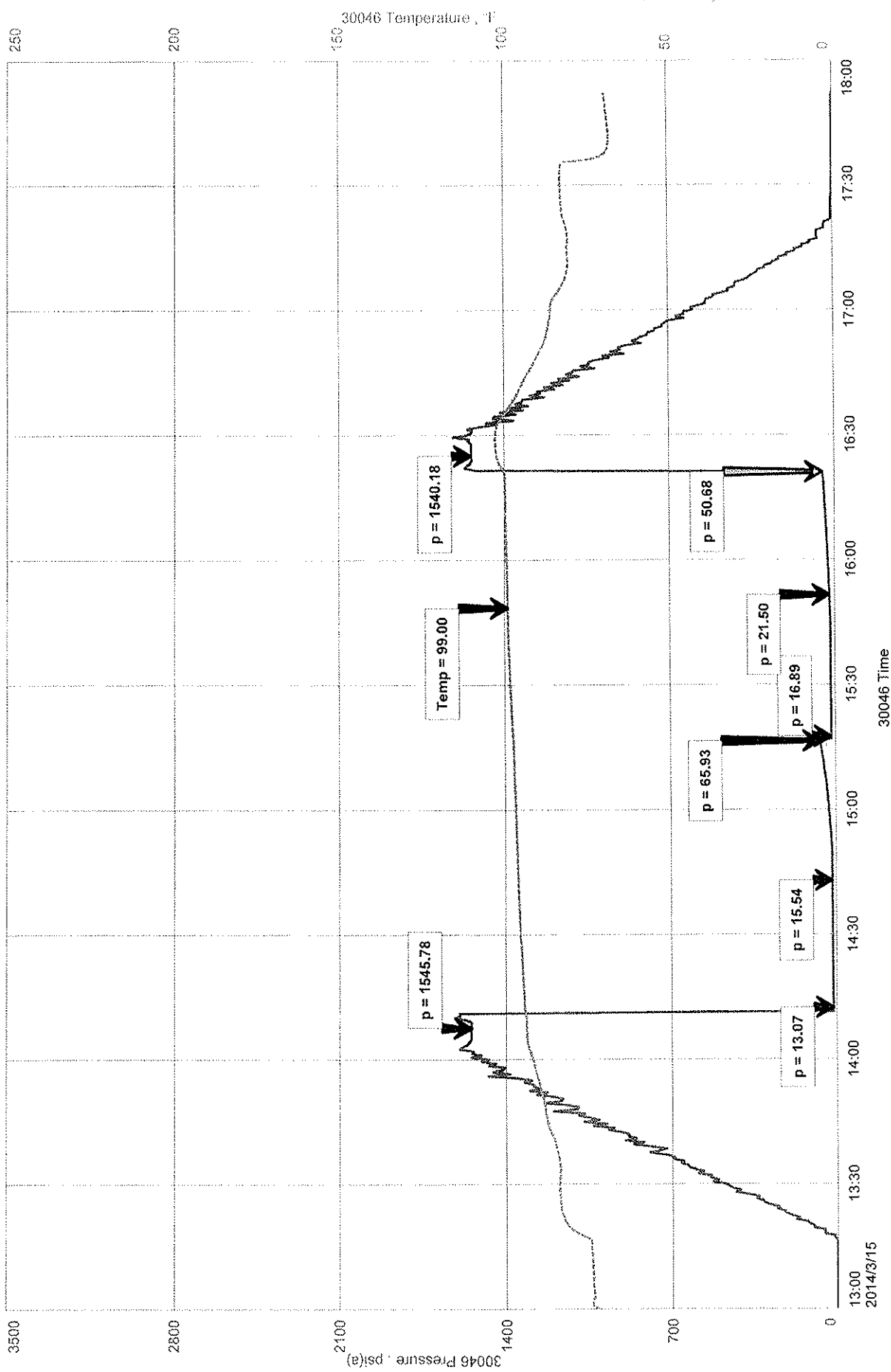
WEBCO OIL

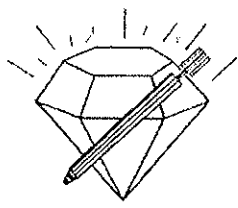
Start Test Date: 2014/03/15

Final Test Date: 2014/03/15

KAUFMAN W-1

KAUFMAN W-1
Formation: LKC "H,I,J"
Job Number: J3201





DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC/Kaufmanw-1dst3

Company Webco Oil Company, Inc. Lease & Well No. Kaufman No. W-1
Elevation 1875 KB Formation Arbuckle Effective Pay _____ Ft. Ticket No. J3202
Date 3-16-14 Sec. 36 Twp. 15S Range 12W County Russell State Kansas
Test Approved By Clint Musgrove Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 3,304 ft. to 3,360 ft. Total Depth 3,360 ft.
Packer Depth 3,299 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3,304 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,307 ft. Recorder Number 30046 Cap. 6,000 psi.
Bottom Recorder Depth (Outside) 3,357 ft. Recorder Number 13498 Cap. 6,000 psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 2 Drill Collar Length _____ ft I.D. _____ in.
Mud Type Chemical Viscosity 49 Weight Pipe Length _____ ft I.D. _____ in.
Weight 9.0 Water Loss 8.0 cc. Drill Pipe Length 3,284 ft I.D. 3 1/2 in.
Chlorides 5,000 P.P.M. Test Tool Length 20 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 26' perf. w/30' 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: Weak, 1/2 in. blow decreasing to 1/4 in. No blow back during shut-in.

2nd Open: Very weak, 1/4 in. blow. No blow back during shut-in.

Recovered 75 ft. of drilling mud = 1.067250 bbls. (Grind out: 7%-water; 93%-mud) Chlorides: 17,000 Ppm
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks Tool Sample Grind Out: 5%-water; 95%-mud

Time Set Packer(s) 10:00 A.M. Time Started off Bottom 12:45 P.M. Maximum Temperature 103°
Initial Hydrostatic Pressure.....(A) 1602 P.S.I.
Initial Flow Period.....Minutes 30 (B) 14 P.S.I. to (C) 27 P.S.I.
Initial Closed In Period.....Minutes 30 (D) 1106 P.S.I.
Final Flow Period.....Minutes 45 (E) 31 P.S.I. to (F) 46 P.S.I.
Final Closed In Period.....Minutes 60 (G) 1109 P.S.I.
Final Hydrostatic Pressure.....(H) 1573 P.S.I.

GENERAL INFORMATION

Client Information:

Company: WEBCO OIL

Contact: NICK WEBER

Phone: Fax: e-mail:

Site Information:

Contact: CLINT MUSGROVE

Phone: Fax: e-mail:

Well Information:

Name: KAUFMAN W-1

Operator: WEBCO OIL

Location-Downhole:

Location-Surface: S36/15S/12W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: CLINT MUSGROVE

Test Type: DST #3 CONVENTIONAL Job Number: J3202

Test Unit:

Start Date: 2014/03/16 Start Time: 08:45:00

End Date: 2014/03/16 End Time: 14:40:00

Report Date: 2014/03/16 Prepared By: JOHN RIEDL

Remarks: Qualified By: CLINT MUSGROVE

RECOVERY: 75' DRILLING MUD (7% WATER, 93% MUD) CHLORIDES 17,000 PPM

WEBCO OIL

Start Test Date: 2014/03/16

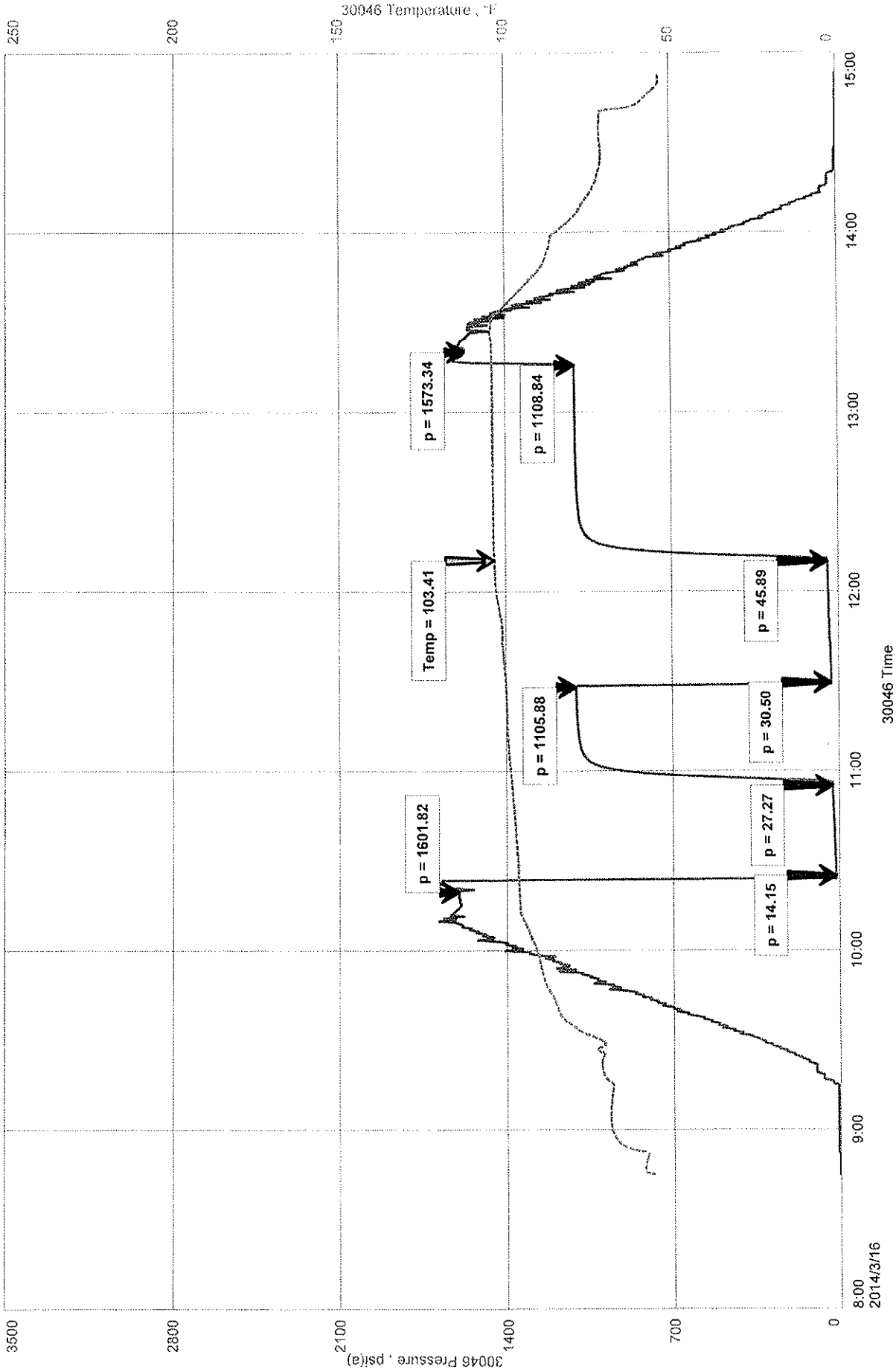
Final Test Date: 2014/03/16

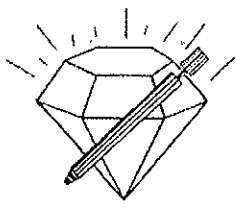
KAUFMAN W-1

Formation: ARBUCKLE

Job Number: J3202

KAUFMAN W-1





DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC/Kaufmanw-1dst4

Company Webco Oil Company, Inc. Lease & Well No. Kaufman No. W-1
Elevation 1875 KB Formation Arbuckle Effective Pay _____ Ft. Ticket No. J3203
Date 3-16-14 Sec. 36 Twp. 15S Range 12W County Russell State Kansas
Test Approved By Clint Musgrove Diamond Representative John C. Riedl

Formation Test No. 4 Interval Tested from 3,304 ft. to 3,365 ft. Total Depth 3,365 ft.
Packer Depth 3,299 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3,304 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,307 ft. Recorder Number 30046 Cap. 6,000 psi.
Bottom Recorder Depth (Outside) 3,362 ft. Recorder Number 13498 Cap. 6,000 psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 2 Drill Collar Length _____ ft I.D. _____ in.
Mud Type Chemical Viscosity 49 Weight Pipe Length _____ ft I.D. _____ in.
Weight 9.0 Water Loss 8.0 cc. Drill Pipe Length 3,284 ft I.D. 3 1/2 in.
Chlorides 5,000 P.P.M. Test Tool Length 20 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 31' perf. w/30' 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 blow increasing to 7 ins. No blow back during shut-in.
2nd Open: Strong blow increasing to 9 ins. No blow back during shut-in.

Recovered 150 ft. of muddy water = 2.134500 bbls. (Grind out: 40%-water; 60%-mud)
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks Tool Sample Grind Out: 90%-water; 10%-mud (Chlorides: 32,000 Ppm)

Time Set Packer(s) 10:00 P.M. Time Started off Bottom 12:45 A.M. Maximum Temperature 103°
Initial Hydrostatic Pressure.....(A) 1603 P.S.I.
Initial Flow Period.....Minutes 30 (B) 14 P.S.I. to (C) 41 P.S.I.
Initial Closed In Period.....Minutes 30 (D) 1103 P.S.I.
Final Flow Period.....Minutes 45 (E) 45 P.S.I. to (F) 93 P.S.I.
Final Closed In Period.....Minutes 60 (G) 1107 P.S.I.
Final Hydrostatic Pressure.....(H) 1593 P.S.I.

GENERAL INFORMATION

Client Information:

Company: WEBCO OIL

Contact: NICK WEBER

Phone: Fax: e-mail:

Site Information:

Contact: CLINT MUSGROVE

Phone: Fax: e-mail:

Well Information:

Name: KAUFMAN W-1

Operator: WEBCO OIL

Location-Downhole:

Location-Surface: S36/15S/12W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: CLINT MUSGROVE

Test Type: DST #4 CONVENTIONAL Job Number: J3203

Test Unit:

Start Date: 2014/03/16 Start Time: 20:30:00

End Date: 2014/03/17 End Time: 03:30:00

Report Date: 2014/03/17 Prepared By: JOHN RIEDL

Remarks: Qualified By: CLINT MUSGROVE

RECOVERY: 150' MUDDY WATER

WEBCO OIL

Start Test Date: 2014/03/16

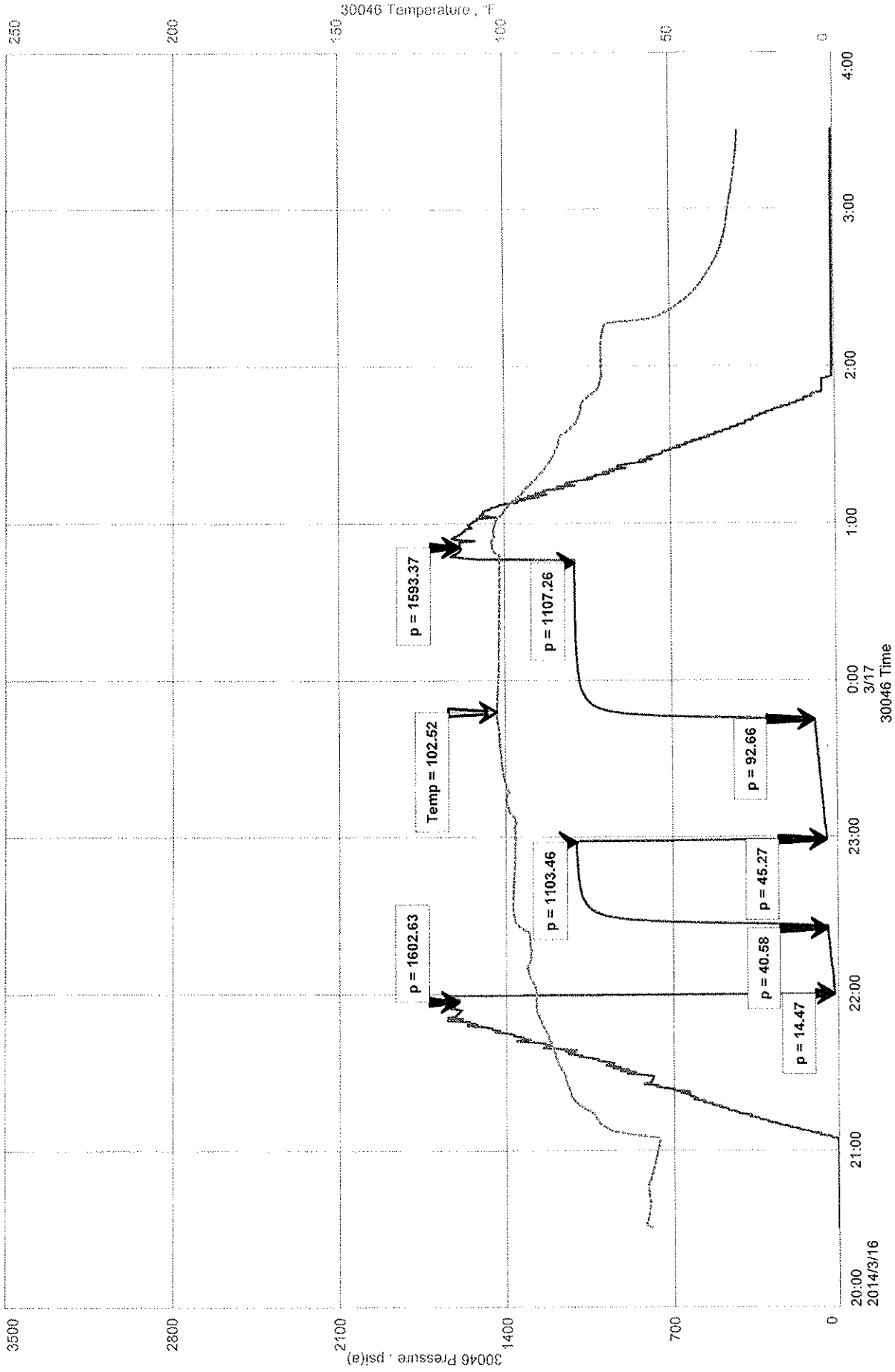
Final Test Date: 2014/03/17

KAUFMAN W-1

KAUFMAN W-1

Formation: ARBUCKLE

Job Number: J3203





Geologist's Report

Company: Webco Oil Company Inc.
Lease: Kaufman #W-1
Field: Kraft-Prusa
Location: SE-NW-SE-SW (663 FSL & 1810 FWL)
Sec: 36 Twsp: 15S Rge: 12W
County: Russell State: Kansas
GL: 1869 KB: 1878

Contractor: Southwind Drilling rig #2
Spud: 3/10/14 Comp: 3/16/14
RTD: 3365' LTD: None
Mud Up: 2600' Type Mud: Chemical/Displaced

Samples Saved From: 2700' to RTD
Drilling Time Kept From: 2700' to RTD
Samples Examined From: 2700' to RTD
Geological Supervision From: 2700' to RTD
Geologist on Well: Clint Musgrove & Kurt Talbott

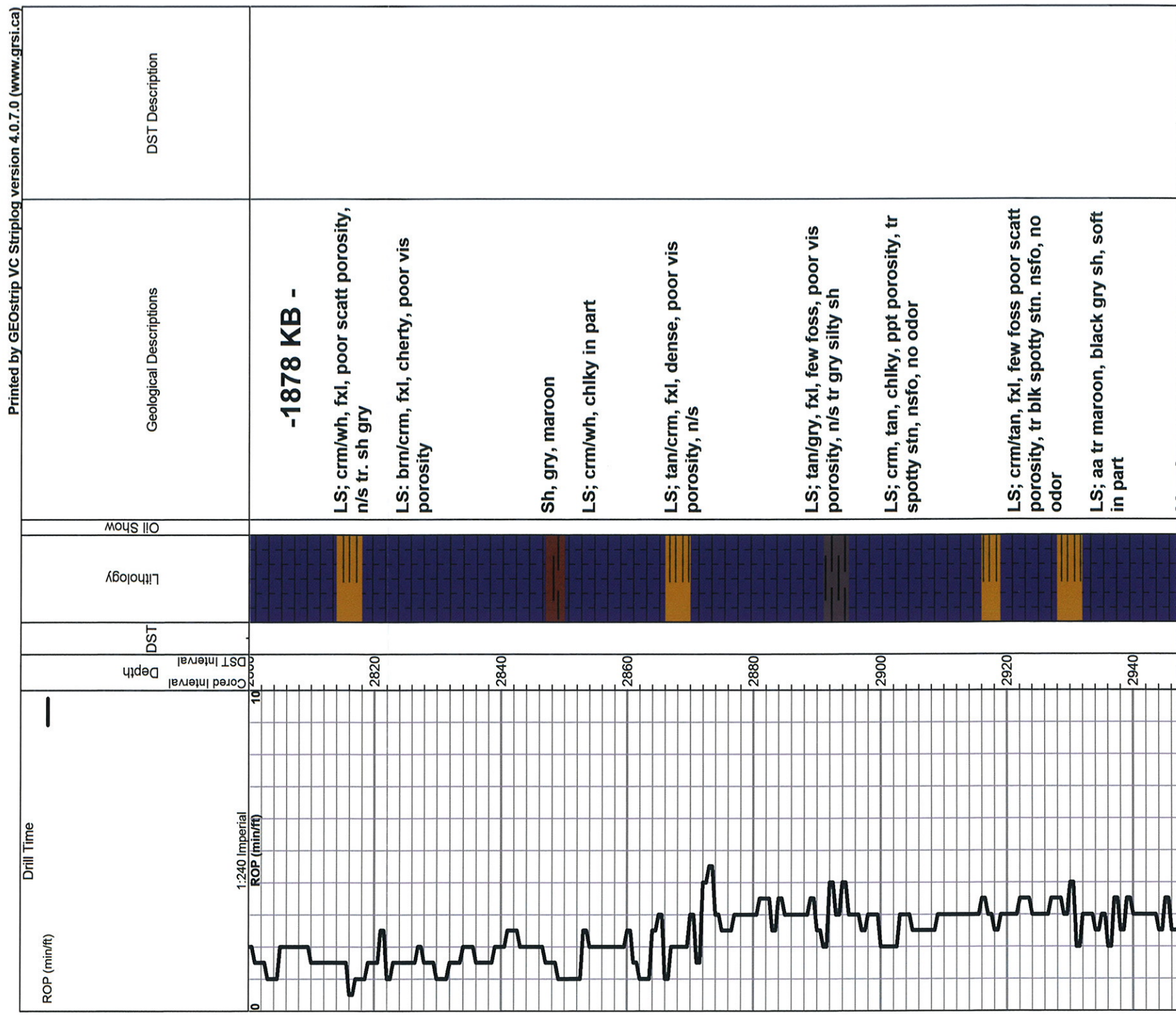
Surface Casing: **8 5/8" @ 473'**

Production: **None**

Logs: **By Nabors: None**



OTHER SYMBOLS



Heebner 2946.0 (-1069.0)

Black carb sh

LS; crm/tan, fxl, dense poor scatt porosity, tr blk stn, nsfo
LS; tan/brn, fxl, dense cherty, poor porosity, nsfo, tr blk stn

Douglas 2976.0 (-1098.0)

Sh gry maroon, black

Sand; gry/grn, fine grained, poor porosity, friable, mica

Sh; gry/grm soft

AA

AA

Brown Lime 3039.0 (-1161.0)

LS; tan, buff, fxl, foss, dense, cherty in part

Lansing 3052.0 (-1175.0)

LS; crm/wh/tan, fxl, ool foss, fair good oom porosity,, lt brn gold brn stn, tr fair sfo, faint odor, chlky

LS; tan/gry, fxl, foss, ool, dense, poor scatt porosity, cherty in part

LS; crm/tan, fxl, ool, scatt iner xln to sub oom porosity, no vis show, chlky

LS; gry/tan, fxl, ool, foss, dense, poor vis porosity, cherty

LS; crm/tan, fxl, ool/foss, poor vis porosity, boney chert, wh/crm

Sh. gry soft

AA

LS- wh/crm, fxl, ool, fair oom porosity, no vis shows, no odor

LS; crm/tan, fxl, ool, scatt oom, porosity, chalky in part, boney wh chert

I S.tan/huff fxl dense poor vis

**DST #1 3053-3080
30-30-30-30**

Blow: weak 1/2 inch
2nd Opening: weak 1 inch

Recovery:

15' SLOCM(5%O, 95% M)

Pressures:

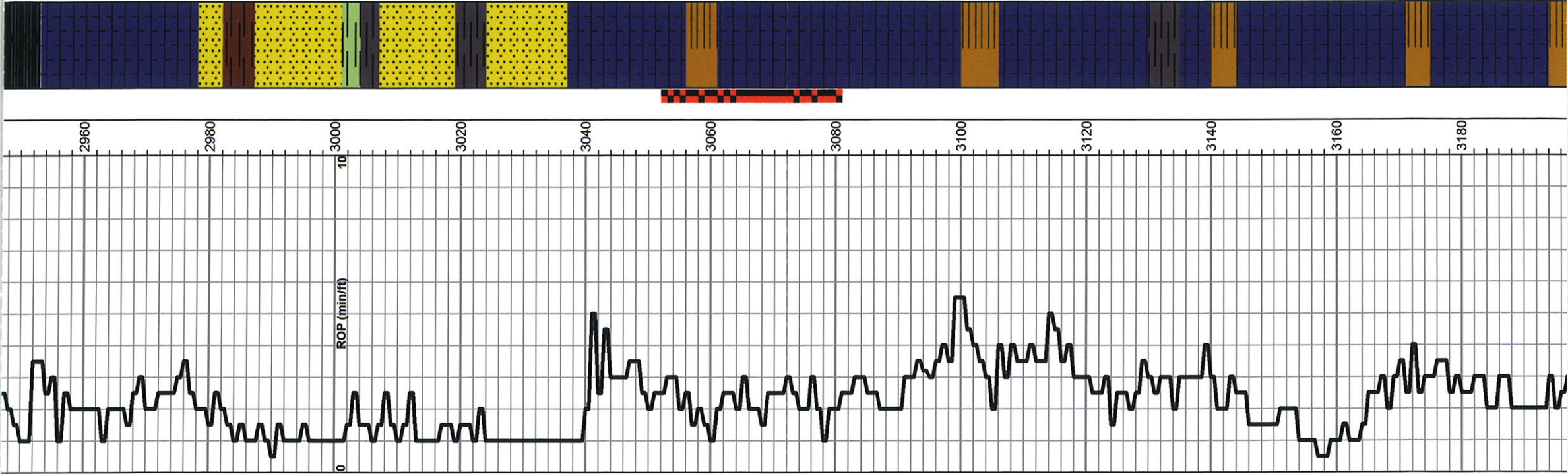
ISIP: 80 psi

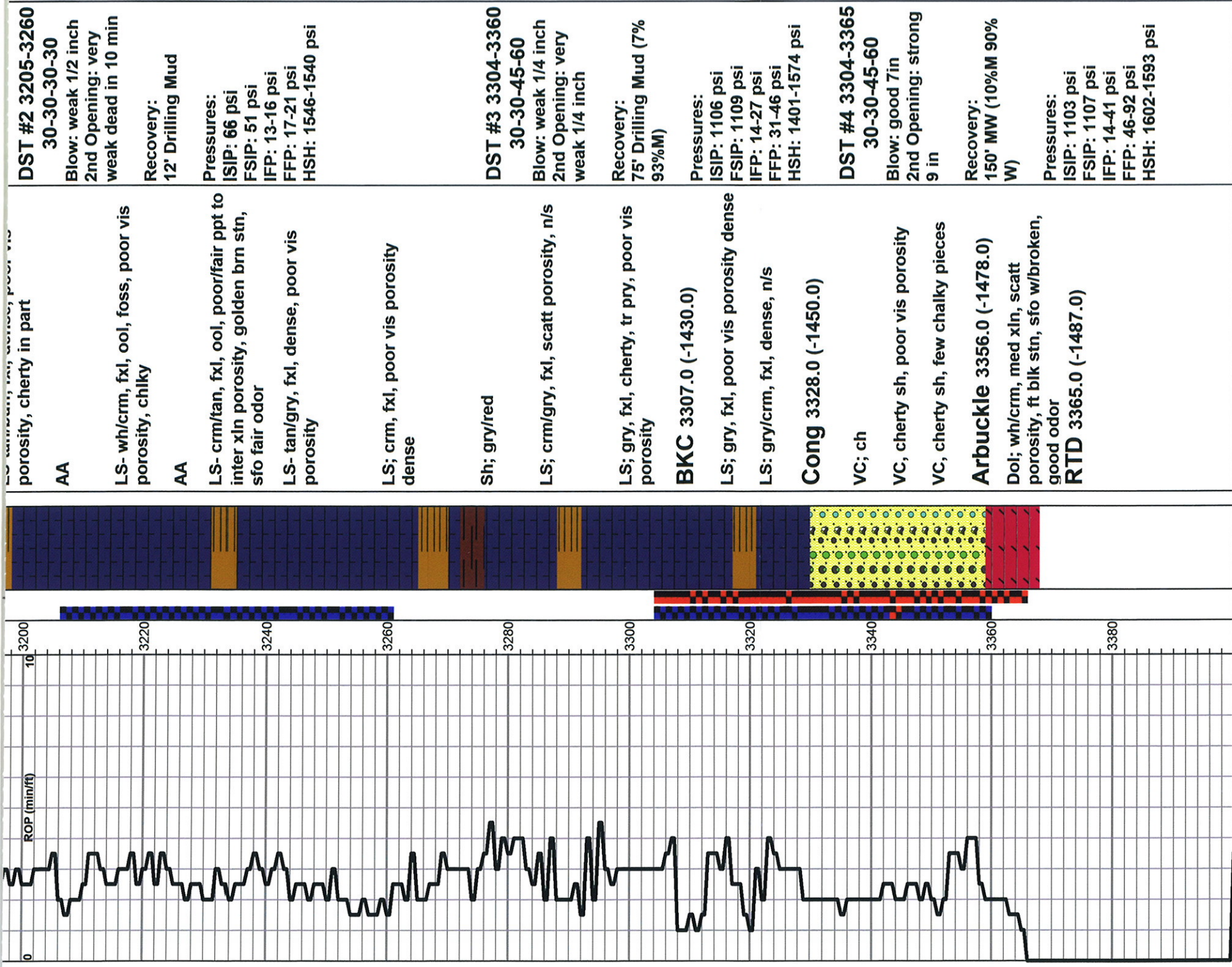
FSIP: 73 psi

IFP: 13-15 psi

FFP: 11-17 psi

HSH: 1447-1427 psi





DST #2 3205-3260
30-30-30-30
 Blow: weak 1/2 inch
 2nd Opening: very weak dead in 10 min
 Recovery:
 12' Drilling Mud
 Pressures:
 ISIP: 66 psi
 FSIP: 51 psi
 IFP: 13-16 psi
 FFP: 17-21 psi
 HSH: 1546-1540 psi

DST #3 3304-3360
30-30-45-60
 Blow: weak 1/4 inch
 2nd Opening: very weak 1/4 inch
 Recovery:
 75' Drilling Mud (7% 93%M)
 Pressures:
 ISIP: 1106 psi
 FSIP: 1109 psi
 IFP: 14-27 psi
 FFP: 31-46 psi
 HSH: 1401-1574 psi

DST #4 3304-3365
30-30-45-60
 Blow: good 7in
 2nd Opening: strong 9 in
 Recovery:
 150' MW (10%M 90% W)
 Pressures:
 ISIP: 1103 psi
 FSIP: 1107 psi
 IFP: 14-41 psi
 FFP: 46-92 psi
 HSH: 1602-1593 psi

porosity, cherty in part
 AA
 LS- wh/crm, fxl, ool, foss, poor vis porosity, chlky
 AA
 LS- crm/tan, fxl, ool, poor/fair ppt to inter xln porosity, golden brn stn, sfo fair odor
 LS- tan/gry, fxl, dense, poor vis porosity
 LS; crm, fxl, poor vis porosity dense

Sh; gry/red
 LS; crm/gry, fxl, scatt porosity, n/s
 LS; gry, fxl, cherty, tr pry, poor vis porosity
BKC 3307.0 (-1430.0)
 LS; gry, fxl, poor vis porosity dense
 LS: gry/crm, fxl, dense, n/s
Cong 3328.0 (-1450.0)

VC; ch
 VC, cherty sh, poor vis porosity
 VC, cherty sh, few chalky pieces
Arbuckle 3356.0 (-1478.0)
 Dol; wh/crm, med xln, scatt porosity, ft blk stn, sfo w/broken, good odor
RTD 3365.0 (-1487.0)