



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1252247  
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                      Date Reached TD                      Completion Date or  
 Recompletion Date                                                                Recompletion Date

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: \_\_\_\_\_



1252247

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____ <i>(Submit ACO-4)</i>	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	BARNES 2-21
Doc ID	1252247

All Electric Logs Run

COMPENSATED DENSITY / NEUTRON LOG
DUAL INDUCTION LOG
MICRO LOG
SONIC LOG

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	BARNES 2-21
Doc ID	1252247

Tops

Name	Top	Datum
ANHYDRITE	909	+1025
BASE ANHYDRITE	931	+1003
HEEBNER	3132	-1198
TORONTO	3144	-1210
DOUGLAS	3161	-1227
BROWN LIME	3207	-1273
LANSING	3218	-1284
BASE KANSAS CITY	3416	-1482
COMGLOMERATE	3431	-1497
ARBUCKES	3460	-1526

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	BARNES 2-21
Doc ID	1252247

#### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	24	938	A-CONN	200	3%CC, 1/4 #Celloflak e
Surface	12.25	8.625	24	938	COMMON	200	2%
Production	7.875	5.5	15.5	3558	AA-2	150	10%Salt, 10%Gypsu m
Production	7.875	5.5	15.5	3558	60/40 POZMIX	30	Plug Rathole



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: Barnes 2-21 Dst 1

TIME ON: 23:00 Apr 5  
TIME OFF: 06:00 Apr 6

Company L.D Drilling Lease & Well No. Barnes 2-21  
Contractor Petromark Drilling Charge to L.D Drilling  
Elevation 1932 Est Formation \_\_\_\_\_ Lan "H-K" Effective Pay \_\_\_\_\_ Ft. Ticket No. RR162  
Date Apr-5-2015 Sec. 21 Twp. \_\_\_\_\_ 18 S Range \_\_\_\_\_ 14 W County \_\_\_\_\_ Barton State KANSAS  
Test Approved By Jim Musgrove Diamond Representative RICKY RAY

Formation Test No. 1 Interval Tested from 3336 ft. to 3406 ft. Total Depth 3406 ft.  
Packer Depth 3331 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3336 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_  
Top Recorder Depth (Inside) 3326 ft. Recorder Number 0062 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 3373 ft. Recorder Number 5954 Cap. 5000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 43 Drill Collar Length 123 ft. I.D. 2 1/4 in.  
Weight 9.2 Water Loss 10.4 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides 8500 P.P.M. Drill Pipe Length 3188 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number NA Test Tool Length 25 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NA Reversed Out NA Anchor Length 70A(38P) ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 xh in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 1/4" Blow (BOB in 27 1/2 mins) WBB  
2nd Open: 1/4" Blow (BOB in 35 mins) NOBB

Recovered <u>216</u> ft. of <u>GIP</u>	
Recovered <u>93</u> ft. of <u>GOM</u>	<u>10% G 25% O 65% M</u>
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>Tool Sample</u>	<u>10% G 25% O 70% M</u>
	Insurance
	Total

Time Set Packer(s) Apr 6 1:08 AM <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom Apr 6 3:53 AM <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 103

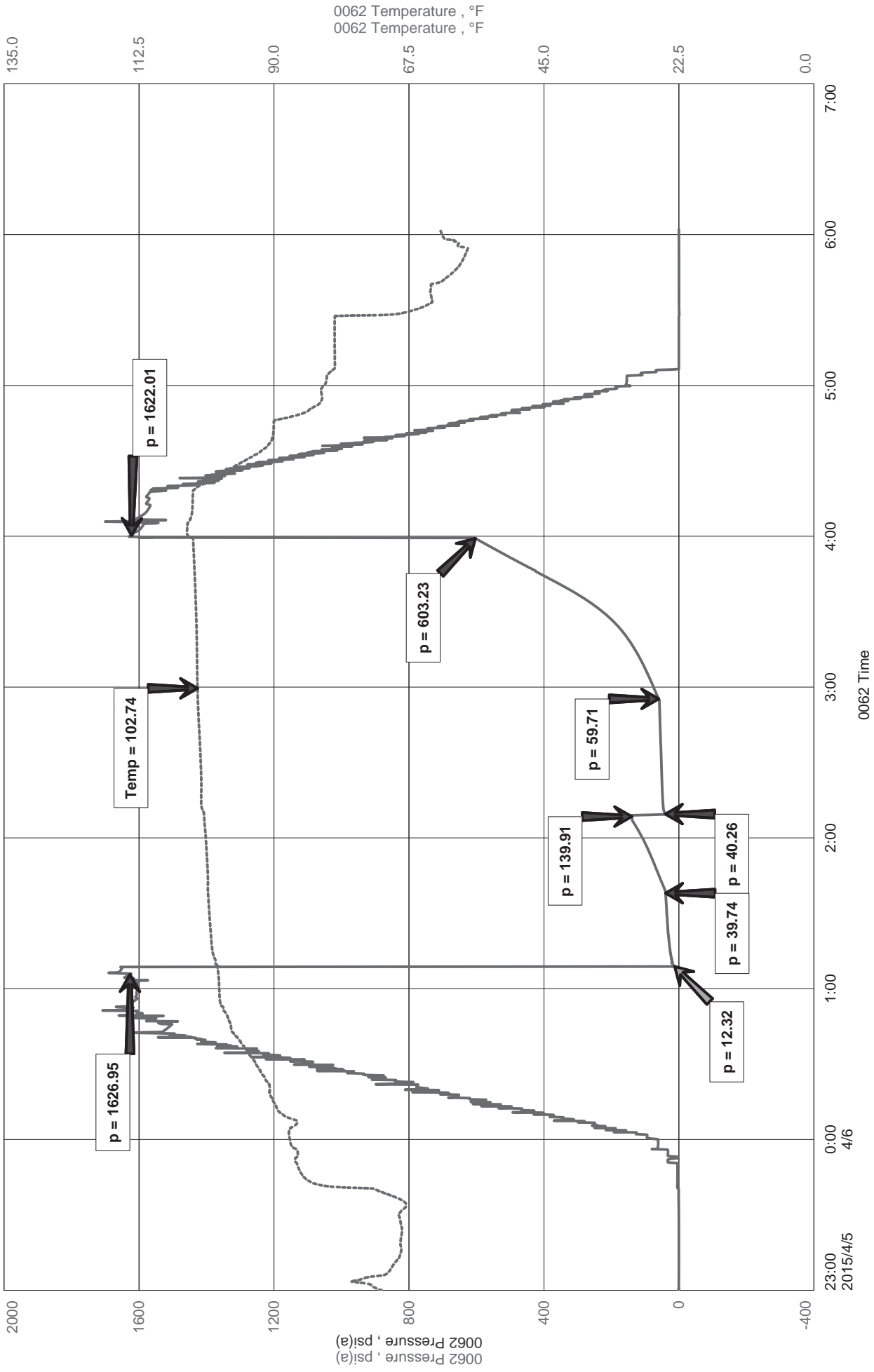
Initial Hydrostatic Pressure..... (A) 1627 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 12 P.S.I. to (C) 40 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 140 P.S.I.  
Final Flow Period..... Minutes 45 (E) 40 P.S.I. to (F) 60 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 603 P.S.I.  
Final Hydrostatic Pressure..... (H) 1622 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

L.D Drilling  
Dst 1 Lan H-K (3336-3406)  
Start Test Date: 2015/04/05  
Final Test Date: 2015/04/06

Barnes 2-21  
Formation: Dst 1 Lan H-K (3336-3406)  
Pool: Infield  
Job Number: RR162

# Barnes 2-21





Diamond Testing LLC  
 P.O. Box 157  
 Hoisington KS 67544

Ricky Ray - Tester  
 (620) 617-7261

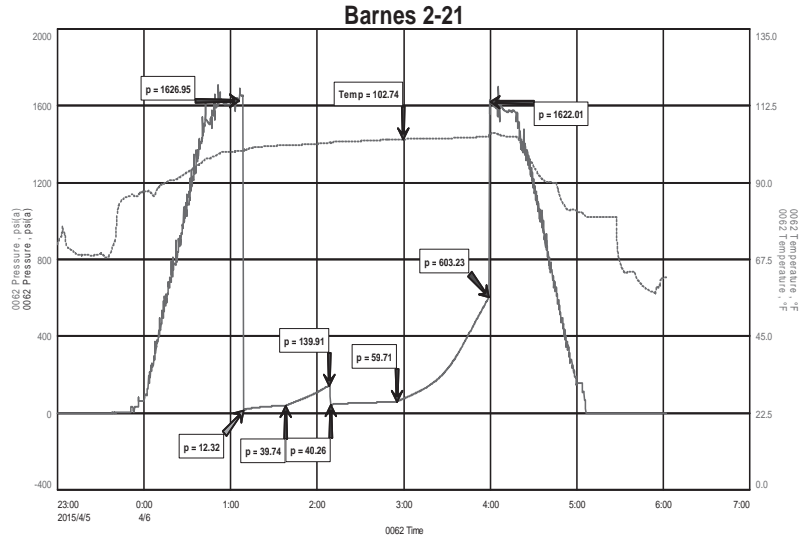
# Wellsite Report

## General Information

Company Name	L.D Drilling
Contact	L.D Davis
Well Operator	L.D Driling
Well Name	Barnes 2-21
Surface Location	Sec: 21-18s-14w (Barton County)
Field	NA
Well Type	Vertical
Pool	Infield
Test Purpose (AEUB)	Initial Test
Qualified By	Jim Musgrove
Gauge Name	0062

## Test Information

Job Number	RR162
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 1 Lan H-K (3336-3406)
Start Test Date	2015/04/05 YYYY/MM/DD
Start Test Time	23:00:00 HH:mm:ss
Final Test Date	2015/04/06 YYYY/MM/DD
Final Test Time	06:00:00 HH:mm:ss



## Test Results

### Recovery:

216'	GIP			
93'	GOM	10% G	25% O	65% M

Tool Sample:	10% G	20% O	70% M
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**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: Barnes 2-21 Dst 2

TIME ON: 15:45  
TIME OFF: 22:48

Company L.D Drilling Lease & Well No. Barnes 2-21  
Contractor Petromark Drilling Charge to L.D Drilling  
Elevation 1932 Est Formation \_\_\_\_\_ Arb Effective Pay \_\_\_\_\_ Ft. Ticket No. RR163  
Date Apr-6-2015 Sec. 21 Twp. \_\_\_\_\_ 18 S Range \_\_\_\_\_ 14 W County \_\_\_\_\_ Barton State KANSAS  
Test Approved By Jim Musgrove Diamond Representative RICKY RAY

Formation Test No. 2 Interval Tested from 3421 ft. to 3460 ft. Total Depth 3460 ft.  
Packer Depth 3416 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3421 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_  
Top Recorder Depth (Inside) 3411 ft. Recorder Number 0062 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 3425 ft. Recorder Number 5954 Cap. 5000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 59 Drill Collar Length 123 ft. I.D. 2 1/4 in.  
Weight 9.3 Water Loss 10 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides 9500 P.P.M. Drill Pipe Length 3273 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number NA Test Tool Length 25 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NA Reversed Out NA Anchor Length 39 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 xh in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 1/4" Blow (BOB in 11 1/2 mins) 1 " BB  
2nd Open: 1/4" Blow (BOB in 19 mins) 1 1/2" BB

Recovered 220 ft. of GIP  
Recovered 249 ft. of O 100% O 35 Gravity @ 60 Deg  
Recovered 32 ft. of GMO 10% G 60% O 30% M  
Recovered 123 ft. of WM w/ HO 90% O 5% W 5% M

Recovered <u>404</u> ft. of <u>Total Fluid</u>	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>Tool Sample</u> 85% O 5% W 10% M	Insurance
	Total

Time Set Packer(s) 5:35 PM A.M. P.M. Time Started Off Bottom 8:05 PM A.M. P.M. Maximum Temperature 108

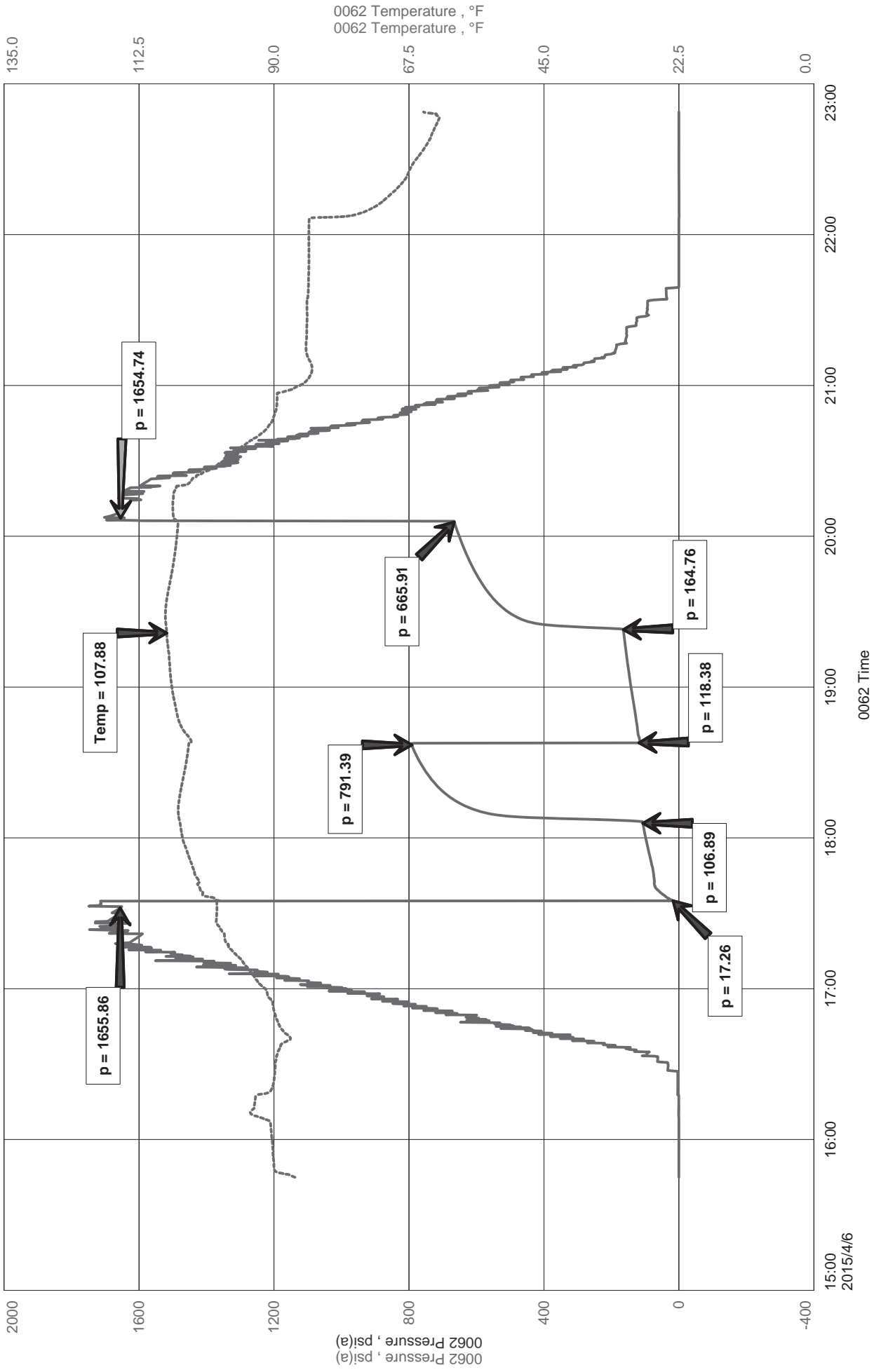
Initial Hydrostatic Pressure..... (A) 1656 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 17 P.S.I. to (C) 109 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 791 P.S.I.  
Final Flow Period..... Minutes 45 (E) 118 P.S.I. to (F) 165 P.S.I.  
Final Closed In Period..... Minutes 45 (G) 666 P.S.I.  
Final Hydrostatic Pressure..... (H) 1655 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

L.D Drilling  
Dst 2 Arbuckle (3421-3460)  
Start Test Date: 2015/04/06  
Final Test Date: 2015/04/06

Barnes 2-21  
Formation: Dst 2 Arbuckle (3421-3460)  
Pool: Infield  
Job Number: RR163

# Barnes 2-21





Diamond Testing LLC  
 P.O. Box 157  
 Hoisington KS 67544

**Ricky Ray - Tester**  
**(620) 617-7261**

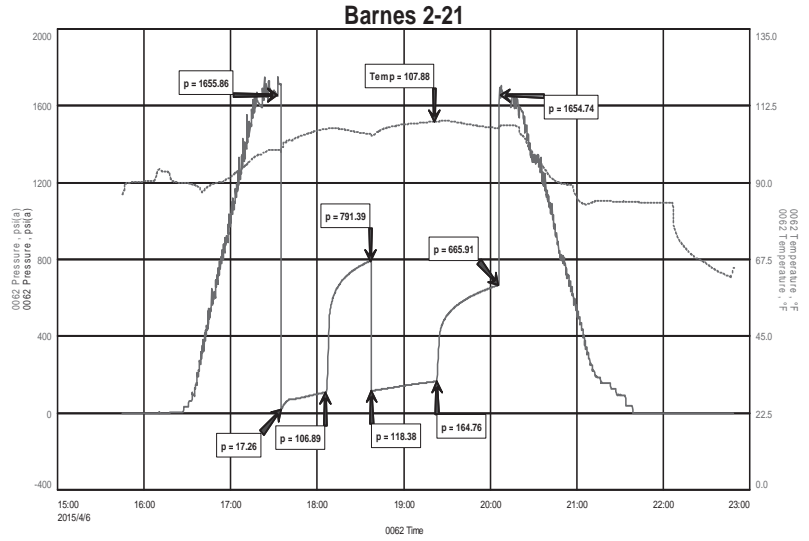
# Wellsite Report

## General Information

Company Name	L.D Drilling
Contact	L.D Davis
Well Operator	L.D Drilling
Well Name	Barnes 2-21
Surface Location	Sec: 21-18s-14w (Barton County)
Field	NA
Well Type	Vertical
Pool	Infield
Test Purpose (AEUB)	Initial Test
Qualified By	Jim Musgrove
Gauge Name	0062

## Test Information

Job Number	RR163
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 2 Arbuckle (3421-3460)
Start Test Date	2015/04/06 YYYY/MM/DD
Start Test Time	15:45:00 HH:mm:ss
Final Test Date	2015/04/06 YYYY/MM/DD
Final Test Time	22:48:00 HH:mm:ss



## Test Results

### Recovery:

220'	GIP			
249'	O	100% O	35 Gravity @ 60 Deg	
32'	GMO	10% G	60% O	30% M
123'	WM w/ HO	90% O	5% W	5% M
404'	Total Fluid			

Tool Sample:            85% O            5% W            10% M





James C. Musgrove  
Petroleum Geologist

Office (620) 588-4250 212 Main St. • P.O. Box 215 • Claflin, KS 67525 Home (620) 587-3444

# GEOLOGIST'S REPORT

## DRILLING TIME AND SAMPLE LOG

COMPANY LD Drilling Inc.  
LEASE Barnes # 2-21  
FIELD \_\_\_\_\_  
LOCATION N/2-SW-NW-NW (900' FWL, 330' FWL)  
SEC 21 TWP 18<sup>s</sup> RGE 14<sup>w</sup>  
COUNTY Barton STATE Kansas  
CONTRACTOR Petromark Drilling (rig # 2)  
SPUD 3/31/15 COMP 4/7/15  
RTD 3566 LTD 3566  
MUD UP 2800+ TYPE MUD Chemical displaced

ELEVATIONS  
KB 1934  
DF \_\_\_\_\_  
GL 1929  
Measurements Are All From -KB  
SURFACE CASING 8 5/8" x 938'  
PRODUCTION 5 1/2" x 3566'  
ELECTRICAL SURVEYS  
By Nabors, Dual induction; compensated density (neutron); Micro & Sonic.

SAMPLES SAVED FROM 3000 TO \_\_\_\_\_  
DRILLING TIME KEPT FROM 3000 TO \_\_\_\_\_  
SAMPLES EXAMINED FROM 3000 TO \_\_\_\_\_  
GEOLOGICAL SUPERVISION FROM 3100 TO \_\_\_\_\_  
GEOLOGIST ON WELL Jim Musgrove

FORMATION TOPS	LOG	SAMPLES
anhydrite	909 +1025	
base anhydrite	931 +1003	
Heebner	3182 -1198	
Toronto	3144 -1210	
Douglas	3161 -1227	
Brown lime	3207 -1273	
Wasing	3218 -1284	
Base Kansas City	3416 -1482	
Conglomerate	3431 -1497	
Arkuckle	3460 -1526	
RTD	3560 -1626	
LTD	3566 -1632	



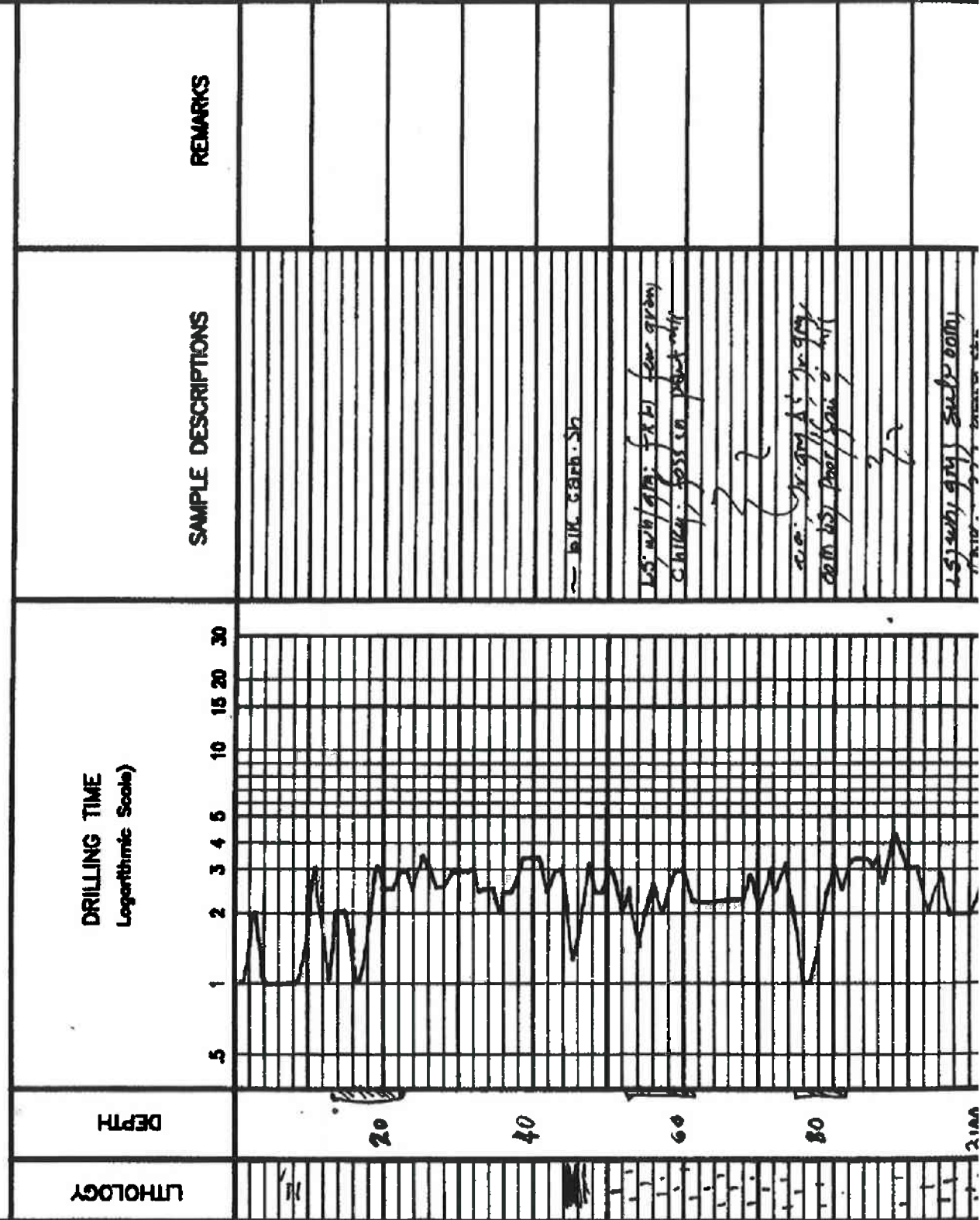
REMARKS

5 1/2" production casing was set & cemented on the Barnes # 2-21.  
Respectfully Submitted,  
James C. Musgrove  
Petroleum Geologist

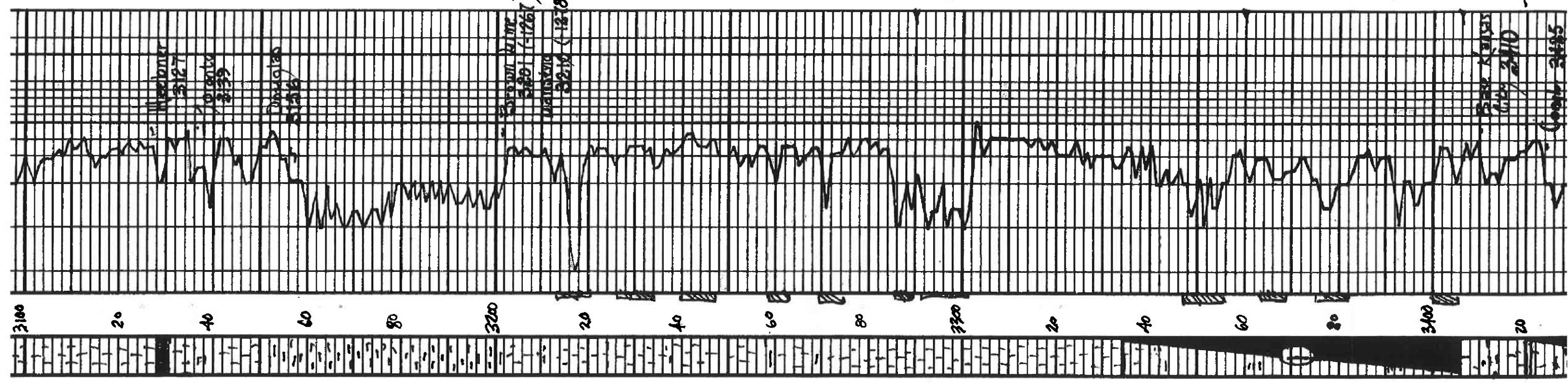


### LEGEND

- Dolomite
- Chert
- Ool. Lime
- Limestone
- Carb sh
- Shale
- Sandstone
- Silt
- Anhydrite





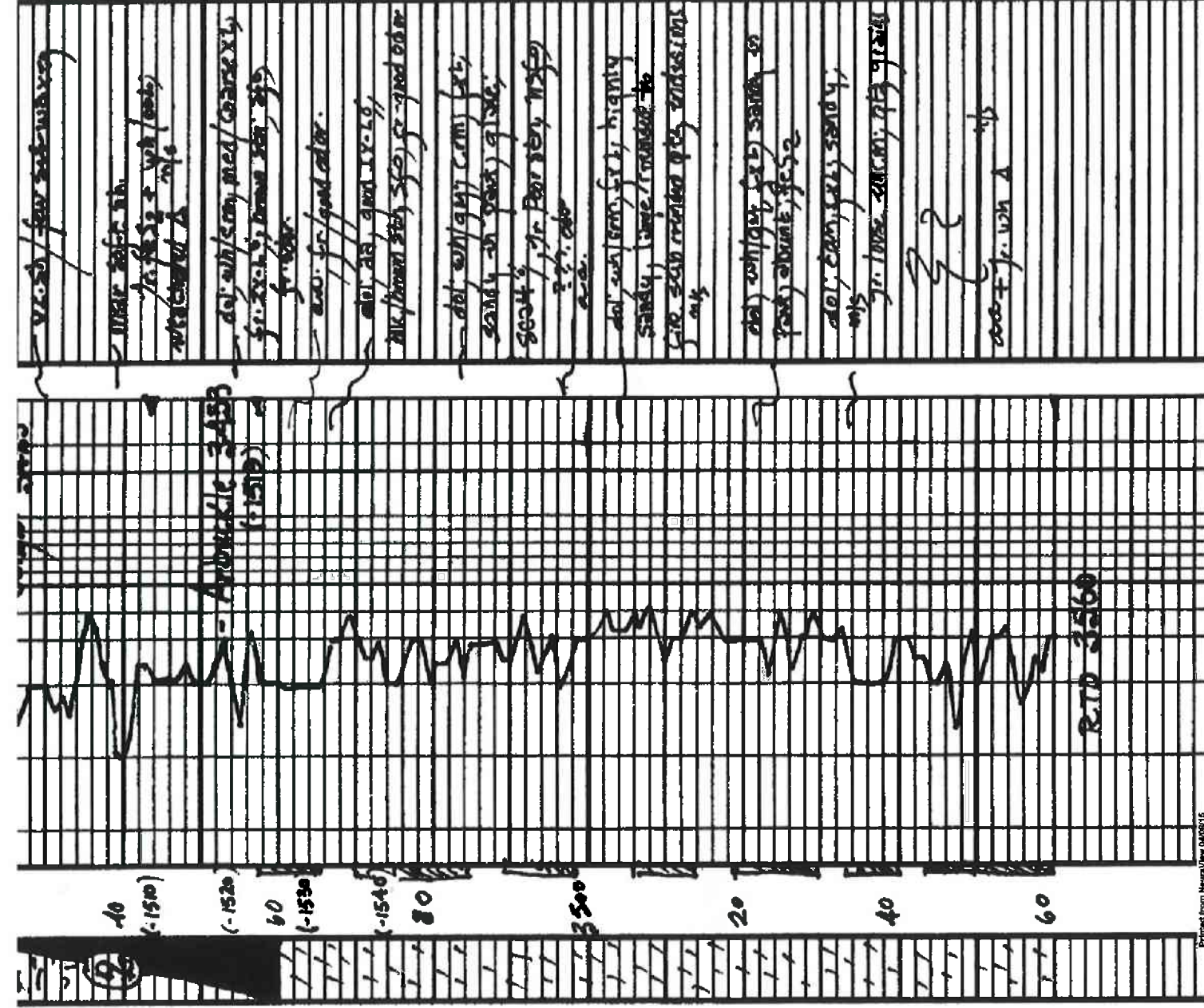


Chicky, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

Drill Stem Test #1  
 3336-3406  
 30:30-45:00  
 2100' and 2100' (Bob 21' 1/2 min)  
 and opening good  
 (Bob 25 min)  
 Rec; 216' gas in pipe  
 98' oil; gas cut mud  
 (107000; 2570 oil)  
 6800 min  
 Pressures: 3310 / 40 ps  
 3310 / 603  
 3310 / 12-40  
 3310 / 40-60  
 HSH  
 1627  
 -1622-78

-1934 KB-





DATE 3-12-3-160  
 30-30-15-15  
 Blow string (Bob 1 1/2 mins)  
 and opening; string (Bob 1 1/2 mins)  
 Res: 200 gas in pipe  
 250' clean oil  
 32' gray muddy  
 (1070 ft, 90% oil)  
 3070' mud  
 122' slightly muddy  
 5' mud cut oil  
 (90% oil; 5% water)  
 5% mud

Pressures; ISIP 791 Pa  
 751P 666  
 ISIP 17-103  
 599 118-165  
 113M  
 1651-1655

0.125 / 0.150 / 0.175 / 0.200 / 0.225 / 0.250 / 0.275 / 0.300 / 0.325 / 0.350 / 0.375 / 0.400 / 0.425 / 0.450 / 0.475 / 0.500 / 0.525 / 0.550 / 0.575 / 0.600 / 0.625 / 0.650 / 0.675 / 0.700 / 0.725 / 0.750 / 0.775 / 0.800 / 0.825 / 0.850 / 0.875 / 0.900 / 0.925 / 0.950 / 0.975 / 1.000 / 1.025 / 1.050 / 1.075 / 1.100 / 1.125 / 1.150 / 1.175 / 1.200 / 1.225 / 1.250 / 1.275 / 1.300 / 1.325 / 1.350 / 1.375 / 1.400 / 1.425 / 1.450 / 1.475 / 1.500 / 1.525 / 1.550 / 1.575 / 1.600 / 1.625 / 1.650 / 1.675 / 1.700 / 1.725 / 1.750 / 1.775 / 1.800 / 1.825 / 1.850 / 1.875 / 1.900 / 1.925 / 1.950 / 1.975 / 2.000 / 2.025 / 2.050 / 2.075 / 2.100 / 2.125 / 2.150 / 2.175 / 2.200 / 2.225 / 2.250 / 2.275 / 2.300 / 2.325 / 2.350 / 2.375 / 2.400 / 2.425 / 2.450 / 2.475 / 2.500 / 2.525 / 2.550 / 2.575 / 2.600 / 2.625 / 2.650 / 2.675 / 2.700 / 2.725 / 2.750 / 2.775 / 2.800 / 2.825 / 2.850 / 2.875 / 2.900 / 2.925 / 2.950 / 2.975 / 3.000 / 3.025 / 3.050 / 3.075 / 3.100 / 3.125 / 3.150 / 3.175 / 3.200 / 3.225 / 3.250 / 3.275 / 3.300 / 3.325 / 3.350 / 3.375 / 3.400 / 3.425 / 3.450 / 3.475 / 3.500 / 3.525 / 3.550 / 3.575 / 3.600 / 3.625 / 3.650 / 3.675 / 3.700 / 3.725 / 3.750 / 3.775 / 3.800 / 3.825 / 3.850 / 3.875 / 3.900 / 3.925 / 3.950 / 3.975 / 4.000 / 4.025 / 4.050 / 4.075 / 4.100 / 4.125 / 4.150 / 4.175 / 4.200 / 4.225 / 4.250 / 4.275 / 4.300 / 4.325 / 4.350 / 4.375 / 4.400 / 4.425 / 4.450 / 4.475 / 4.500 / 4.525 / 4.550 / 4.575 / 4.600 / 4.625 / 4.650 / 4.675 / 4.700 / 4.725 / 4.750 / 4.775 / 4.800 / 4.825 / 4.850 / 4.875 / 4.900 / 4.925 / 4.950 / 4.975 / 5.000 / 5.025 / 5.050 / 5.075 / 5.100 / 5.125 / 5.150 / 5.175 / 5.200 / 5.225 / 5.250 / 5.275 / 5.300 / 5.325 / 5.350 / 5.375 / 5.400 / 5.425 / 5.450 / 5.475 / 5.500 / 5.525 / 5.550 / 5.575 / 5.600 / 5.625 / 5.650 / 5.675 / 5.700 / 5.725 / 5.750 / 5.775 / 5.800 / 5.825 / 5.850 / 5.875 / 5.900 / 5.925 / 5.950 / 5.975 / 6.000 / 6.025 / 6.050 / 6.075 / 6.100 / 6.125 / 6.150 / 6.175 / 6.200 / 6.225 / 6.250 / 6.275 / 6.300 / 6.325 / 6.350 / 6.375 / 6.400 / 6.425 / 6.450 / 6.475 / 6.500 / 6.525 / 6.550 / 6.575 / 6.600 / 6.625 / 6.650 / 6.675 / 6.700 / 6.725 / 6.750 / 6.775 / 6.800 / 6.825 / 6.850 / 6.875 / 6.900 / 6.925 / 6.950 / 6.975 / 7.000 / 7.025 / 7.050 / 7.075 / 7.100 / 7.125 / 7.150 / 7.175 / 7.200 / 7.225 / 7.250 / 7.275 / 7.300 / 7.325 / 7.350 / 7.375 / 7.400 / 7.425 / 7.450 / 7.475 / 7.500 / 7.525 / 7.550 / 7.575 / 7.600 / 7.625 / 7.650 / 7.675 / 7.700 / 7.725 / 7.750 / 7.775 / 7.800 / 7.825 / 7.850 / 7.875 / 7.900 / 7.925 / 7.950 / 7.975 / 8.000 / 8.025 / 8.050 / 8.075 / 8.100 / 8.125 / 8.150 / 8.175 / 8.200 / 8.225 / 8.250 / 8.275 / 8.300 / 8.325 / 8.350 / 8.375 / 8.400 / 8.425 / 8.450 / 8.475 / 8.500 / 8.525 / 8.550 / 8.575 / 8.600 / 8.625 / 8.650 / 8.675 / 8.700 / 8.725 / 8.750 / 8.775 / 8.800 / 8.825 / 8.850 / 8.875 / 8.900 / 8.925 / 8.950 / 8.975 / 9.000 / 9.025 / 9.050 / 9.075 / 9.100 / 9.125 / 9.150 / 9.175 / 9.200 / 9.225 / 9.250 / 9.275 / 9.300 / 9.325 / 9.350 / 9.375 / 9.400 / 9.425 / 9.450 / 9.475 / 9.500 / 9.525 / 9.550 / 9.575 / 9.600 / 9.625 / 9.650 / 9.675 / 9.700 / 9.725 / 9.750 / 9.775 / 9.800 / 9.825 / 9.850 / 9.875 / 9.900 / 9.925 / 9.950 / 9.975 / 10.000 / 10.025 / 10.050 / 10.075 / 10.100 / 10.125 / 10.150 / 10.175 / 10.200 / 10.225 / 10.250 / 10.275 / 10.300 / 10.325 / 10.350 / 10.375 / 10.400 / 10.425 / 10.450 / 10.475 / 10.500 / 10.525 / 10.550 / 10.575 / 10.600 / 10.625 / 10.650 / 10.675 / 10.700 / 10.725 / 10.750 / 10.775 / 10.800 / 10.825 / 10.850 / 10.875 / 10.900 / 10.925 / 10.950 / 10.975 / 11.000 / 11.025 / 11.050 / 11.075 / 11.100 / 11.125 / 11.150 / 11.175 / 11.200 / 11.225 / 11.250 / 11.275 / 11.300 / 11.325 / 11.350 / 11.375 / 11.400 / 11.425 / 11.450 / 11.475 / 11.500 / 11.525 / 11.550 / 11.575 / 11.600 / 11.625 / 11.650 / 11.675 / 11.700 / 11.725 / 11.750 / 11.775 / 11.800 / 11.825 / 11.850 / 11.875 / 11.900 / 11.925 / 11.950 / 11.975 / 12.000 / 12.025 / 12.050 / 12.075 / 12.100 / 12.125 / 12.150 / 12.175 / 12.200 / 12.225 / 12.250 / 12.275 / 12.300 / 12.325 / 12.350 / 12.375 / 12.400 / 12.425 / 12.450 / 12.475 / 12.500 / 12.525 / 12.550 / 12.575 / 12.600 / 12.625 / 12.650 / 12.675 / 12.700 / 12.725 / 12.750 / 12.775 / 12.800 / 12.825 / 12.850 / 12.875 / 12.900 / 12.925 / 12.950 / 12.975 / 13.000 / 13.025 / 13.050 / 13.075 / 13.100 / 13.125 / 13.150 / 13.175 / 13.200 / 13.225 / 13.250 / 13.275 / 13.300 / 13.325 / 13.350 / 13.375 / 13.400 / 13.425 / 13.450 / 13.475 / 13.500 / 13.525 / 13.550 / 13.575 / 13.600 / 13.625 / 13.650 / 13.675 / 13.700 / 13.725 / 13.750 / 13.775 / 13.800 / 13.825 / 13.850 / 13.875 / 13.900 / 13.925 / 13.950 / 13.975 / 14.000 / 14.025 / 14.050 / 14.075 / 14.100 / 14.125 / 14.150 / 14.175 / 14.200 / 14.225 / 14.250 / 14.275 / 14.300 / 14.325 / 14.350 / 14.375 / 14.400 / 14.425 / 14.450 / 14.475 / 14.500 / 14.525 / 14.550 / 14.575 / 14.600 / 14.625 / 14.650 / 14.675 / 14.700 / 14.725 / 14.750 / 14.775 / 14.800 / 14.825 / 14.850 / 14.875 / 14.900 / 14.925 / 14.950 / 14.975 / 15.000 / 15.025 / 15.050 / 15.075 / 15.100 / 15.125 / 15.150 / 15.175 / 15.200 / 15.225 / 15.250 / 15.275 / 15.300 / 15.325 / 15.350 / 15.375 / 15.400 / 15.425 / 15.450 / 15.475 / 15.500 / 15.525 / 15.550 / 15.575 / 15.600 / 15.625 / 15.650 / 15.675 / 15.700 / 15.725 / 15.750 / 15.775 / 15.800 / 15.825 / 15.850 / 15.875 / 15.900 / 15.925 / 15.950 / 15.975 / 16.000 / 16.025 / 16.050 / 16.075 / 16.100 / 16.125 / 16.150 / 16.175 / 16.200 / 16.225 / 16.250 / 16.275 / 16.300 / 16.325 / 16.350 / 16.375 / 16.400 / 16.425 / 16.450 / 16.475 / 16.500 / 16.525 / 16.550 / 16.575 / 16.600 / 16.625 / 16.650 / 16.675 / 16.700 / 16.725 / 16.750 / 16.775 / 16.800 / 16.825 / 16.850 / 16.875 / 16.900 / 16.925 / 16.950 / 16.975 / 17.000 / 17.025 / 17.050 / 17.075 / 17.100 / 17.125 / 17.150 / 17.175 / 17.200 / 17.225 / 17.250 / 17.275 / 17.300 / 17.325 / 17.350 / 17.375 / 17.400 / 17.425 / 17.450 / 17.475 / 17.500 / 17.525 / 17.550 / 17.575 / 17.600 / 17.625 / 17.650 / 17.675 / 17.700 / 17.725 / 17.750 / 17.775 / 17.800 / 17.825 / 17.850 / 17.875 / 17.900 / 17.925 / 17.950 / 17.975 / 18.000 / 18.025 / 18.050 / 18.075 / 18.100 / 18.125 / 18.150 / 18.175 / 18.200 / 18.225 / 18.250 / 18.275 / 18.300 / 18.325 / 18.350 / 18.375 / 18.400 / 18.425 / 18.450 / 18.475 / 18.500 / 18.525 / 18.550 / 18.575 / 18.600 / 18.625 / 18.650 / 18.675 / 18.700 / 18.725 / 18.750 / 18.775 / 18.800 / 18.825 / 18.850 / 18.875 / 18.900 / 18.925 / 18.950 / 18.975 / 19.000 / 19.025 / 19.050 / 19.075 / 19.100 / 19.125 / 19.150 / 19.175 / 19.200 / 19.225 / 19.250 / 19.275 / 19.300 / 19.325 / 19.350 / 19.375 / 19.400 / 19.425 / 19.450 / 19.475 / 19.500 / 19.525 / 19.550 / 19.575 / 19.600 / 19.625 / 19.650 / 19.675 / 19.700 / 19.725 / 19.750 / 19.775 / 19.800 / 19.825 / 19.850 / 19.875 / 19.900 / 19.925 / 19.950 / 19.975 / 20.000

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**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

21-18-14

FIELD SERVICE TICKET  
1718 12173 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB 4-7-2015	DISTRICT Pratt	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:
CUSTOMER LD Drilling, Inc.		LEASE Bernes				WELL NO. 2-21	
ADDRESS		COUNTY Barton		STATE KS			
CITY		STATE		SERVICE CREW Darin, Ed, Beschey			
AUTHORIZED BY		JOB TYPE: CJW/S 1/2 Longstring					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE AM PM TIME
19843	1/2						4-7 PM 11:30
19860	1/4					ARRIVED AT JOB	4-7 PM 3:00
						START OPERATION	4-7 PM 8:45
						FINISH OPERATION	4-7 PM 9:15
						RELEASED	4-7 PM 10:00
						MILES FROM STATION TO WELL	75

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: Li.D. Davis By D.Scott  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	AA2 Cement	SK	150		2550.00
CP103	60/40 Poz	SK	30		360.00
CC102	Cellulose	Lb	38		140.60
CC111	Sgt	Lb	816		408.00
CC113	Gypsum	Lb	705		528.75
CC129	FLA-322	Lb	113		847.50
CC201	Gilsonite	Lb	900		603.00
CF607	Latch Down Plug & Baffle, 5 1/2" (Blue)	Eg	1		400.00
CF1251	Auto Fill Floz shoe 5 1/2" (Blue)	Eg	1		360.00
CF1651	Turbolizer, 5 1/2" (Blue)	Eg	6		660.00
CF1901	5 1/2" Bskt (Blue)	Eg	1		290.00
CC151	Mud Flush	Gal	11000		1500.00
E100	unit miles charge - pickups, smn usn & ccs	Mi	65		292.50
E101	Heavy Equipment Miles	Mi	130		975.00
E113	Propena 52 Bulk Delivery Chrses, per hr	Tnl/m	543		1356.88
CE204	Depth Charge 3001-4000	4hr	1		2160.00
CE240	Blending & Mixing Service Charge	SK	180		252.00
CE504	Plus container utilization charge	Job	1		250.00
S003	Service Supervisor, first 8 hrs on loc.	Eg	1		175.00
SUB TOTAL					14,109.23

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$		
MATERIALS	%TAX ON \$		
Discounted		TOTAL	9,171.00

SERVICE REPRESENTATIVE <u>Darin Evans</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>Li.D. Davis By D.Scott</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
--	---

FIELD SERVICE ORDER NO.



Customer <b>LD Drilling</b>	Lease No.	Date <b>4-7-2015</b>
Lease <b>Barnes</b>	Well # <b>2-21</b>	
Field Order # <b>12173</b>	Station <b>Pratt, KS</b>	Casing <b>5 1/2</b>
		Depth <b>3557</b>
Type Job <b>CNW 5 1/2 Longstring</b>	Formation <b>TD-3560</b>	County <b>Barton</b>
		State <b>KS</b>
		Legal Description

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<b>5 1/2</b>				Pre Pad	Max		5 Min.	
Depth <b>3557</b>	Depth	From	To	Pad	Min		10 Min.	
Volume <b>84 1/2</b>	Volume	From	To	Frac	Avg		15 Min.	
Max Press	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection	Annulus Vol.	From	To	Flush <b>Freshwater</b>	Gas Volume		Total Load	
Plug Depth <b>3547</b>	Packer Depth	From	To					

Customer Representative <b>David Rosch</b>	Station Manager <b>Kevin Goralec</b>	Treater <b>Darin Frshlich</b>
Service Units <b>92911 84981 19843 19903 19860</b>		
Driver Names <b>Darin Ed Ed Beschay Beschay</b>		

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
<b>3:00pm</b>					<b>On location / safety meeting</b>
					<b>5 1/2 casing - 3557'</b>
					<b>C-2,4,6,8,10,12 B-#5</b>
					<b>150 SK AD2 Cement, 10% SS 14, 10% Gypsum</b>
					<b>.8% Fluid Loss, .25 lb/sk cell flocc, 6 lb/sk</b>
					<b>Gilsonite 14.8 pps, 1.54 yolk, 6.52 water</b>
<b>8:45pm</b>	<b>250</b>		<b>5</b>	<b>5 1/2</b>	<b>Pump 5 bbbs water</b>
	<b>250</b>		<b>27</b>	<b>5 1/2</b>	<b>pump 24 bbbs Flush</b>
	<b>250</b>		<b>5</b>	<b>5 1/2</b>	<b>pump 5 bbbs water</b>
	<b>250</b>		<b>41</b>	<b>5 1/2</b>	<b>mix 150 SK cement</b>
					<b>Shut down</b>
					<b>Release Plug</b>
	<b>100</b>		<b>0</b>	<b>6</b>	<b>Start displacement</b>
	<b>500</b>		<b>50</b>	<b>6</b>	<b>Lift Pressure</b>
	<b>600</b>		<b>74</b>	<b>3</b>	<b>slow rate</b>
<b>9:15pm</b>	<b>1500</b>		<b>81</b>	<b>3</b>	<b>Bump Plug</b>
					<b>Flow - held</b>
	<b>100</b>		<b>7</b>	<b>3</b>	<b>Plug Rest hole</b>
					<b>Job Complete / Darin screw</b>
					<b>Thank you!!!</b>





**BASIC**<sup>SM</sup>  
ENERGY SERVICES

PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET

1718 11957 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB <b>4-23-15</b> DISTRICT <b>Pratt</b>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:								
CUSTOMER <b>LD Drilling</b>		LEASE <b>BAINES</b> WELL NO. <b>2-21</b>								
ADDRESS		COUNTY <b>BARTON</b> STATE <b>KS</b>								
CITY STATE		SERVICE CREW <b>MATTAL, EINSI, HANSON</b>								
AUTHORIZED BY		JOB TYPE: <b>CON SQUARE Poles</b>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<b>1995</b>	<b>1</b>						<b>4-23-15</b>			<b>8:00</b>
<b>2106</b>	<b>.25</b>					ARRIVED AT JOB				<b>10:30</b>
						START OPERATION				<b>11:50</b>
						FINISH OPERATION				<b>2:06</b>
						RELEASED				<b>2:45</b>
						MILES FROM STATION TO WELL				

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: **X L.D. Davis** by **M.M. Mattal**  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 100C	Common CM	SF	25		400.00
CP 100C	Common CM	SF	75		1,200.00
CC 105	E-91P	lb	6		24.00
CC 129	F1A-322	lb	24		180.00
E 100	P.H. Miles	mi	65		292.50
E 101	Heavy EC Miles	mi	130		975.00
E 113	Prof + Bush Pol.	LM	<b>309</b>		<b>771.88</b>
CE 204	Depth chaise 3001-4000'	4hr	1		2,160.00
CE 240	Blend + Mix chaise	SF	10		140.00
CE 500	cm sq. manifold	ea	1		500.00
S003	Superv. sur	ea	1		175.00

SUB TOTAL **6878.38**

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		<b>3409.19</b>
DISCOUNT TOTAL		<b>16</b>

SERVICE REPRESENTATIVE <b>M.M. Mattal</b>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <b>LD Davis</b> by <b>M.M. Mattal</b>
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(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer <b>LD Drilling inc</b>	Lease No.	Date <b>4-23-15</b>
Lease <b>Barnes</b>	Well # <b>2-21</b>	
Field Order # <b>11937</b>	Station <b>Pratt</b>	Casing <b>5 1/2</b>
		Depth <b>3485</b>
Type Job <b>CNW Square Poles</b>	Formation <b>AIB chit</b>	County <b>Bairn</b>
		State <b>KS</b>
		Legal Description <b>1-18-14</b>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <b>5 1/2</b>	Tubing Size <b>2 7/8</b>	Shots/Ft		Acid <b>2MT 100 SK</b>	Pre Pad	RATE	PRESS	ISIP
Depth <b>3485</b>	Depth	From	To			Max		5 Min.
Volume <b>82.9</b>	Volume <b>13.1</b>	From	To	Pad		Min		10 Min.
Max Press <b>2500</b>	Max Press	From	To	Frac		Avg		15 Min.
Well Connection <b>5+V</b>	Annulus Vol. <b>63</b>	From	To			HHP Used		Annulus Pressure
Plug Depth <b>3344</b>	Packer Depth	From	To	Flush <b>13.1</b>		Gas Volume		Total Load

Customer Representative <b>LD</b>	Station Manager <b>Kevin Golding</b>	Treater <b>Mike Mattal</b>
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Service Units <b>37586</b>	<b>77686</b>	<b>19905</b>	<b>70959</b>	<b>21010</b>				
Driver Names <b>MATTAL</b>	<b>ERIST</b>		<b>TANSON</b>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:50					ON LOCATION / Safety meeting
11:51			4		LOAD TUBING
12:03		2500			Pressure test TUBING TO 2500, hold
12:41		500	13		LOAD + Pressure increase to 500, hold + shut
12:43		400		2	ESTABLISH INJECTION RATE 2 bbl @ 400 PSI
12:49		400	5	2	Mix <del>100</del> 75 SKS CMT W 1% FIBRILS + .25% CMC
12:51		400	15	2	Mix 75 SKS (continued)
12:58		-	5	4	WASH PUMP + LINES
1:00		1500	-	0.3	START DISPLACEMENT
1:10		1300	7	2	
1:12		2500	9.25	-	9.25 BBLs out shut down, 75 SKS in
1:13		750	20	2.25	Reverse out, well clear
1:32		500	35	2	WASH TUBING out, circulation clear
2:00		250	-		Put 4 JIS pressure to 250, hold
					JOB COMPLETE
					THANK YOU!
					MIKE MATTAL



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET  
1718 11944 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

21-18-14

DATE OF JOB 4-1-15 DISTRICT Pratt		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:						
CUSTOMER LD Drilling inc.		LEASE BARN-5 WELL NO. 2-2J						
ADDRESS		COUNTY Barton STATE KS						
CITY STATE		SERVICE CREW MATTAI, McGraw, Gibson						
AUTHORIZED BY		JOB TYPE: CNW 8 5/8 SURFACE						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	4-1-15 DATE	10:00 TIME
19905	1					ARRIVED AT JOB		1:00
						START OPERATION		6:10
19918	.5					FINISH OPERATION		6:55
						RELEASED		7:30
						MILES FROM STATION TO WELL		65

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

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SIGNED: *Curtis R. ...*  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 101	A-con blend	SK	200		3,600 00
CP 100C	Common ems	SK	200		3,200 00
CC 102	CelloFLAM	lb	100		370 00
CC 109	calcium chloride	lb	940		987 00
CF 105	TOP rubber plug	EA	1		225 00
E 100	P.u. miles	Mi	65		292 50
E 101	Heavy eq. miles	Mi	130		975 00
E 113	Prod + bulk del.	JM	1,222		3,055 00
CE 201	depth charge 501-1000'	4hr	1		1,200 00
CE 240	blend + mix charge	SK	400		560 00
S 003	Supervisor	EA	1		175 00
CE 504	Play container	Job	1		250 00

SUB TOTAL 14,889.50

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

Discounted TOTAL KC 9,678 18

SERVICE REPRESENTATIVE Mike MATTAI

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Curtis R. ...*  
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer LD Drilling inc	Lease No.	Date 4-1-15
Lease Barnes	Well # 2-21	
Field Order # 11944	Station Pratt	Casing 8 5/8
		Depth 938
Type Job CNW 8 5/8 SURFACE	Formation	County BARTON
		State KS
		Legal Description 21-18-14

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
8 5/8				200 SXS A-con	3% CC	1/2" CA	
Depth 938	Depth	From	To	Pre Pad	Max		5 Min.
				200 SXS COMMON	2%	1/4" CA	
Volume 39.6	Volume	From	To	Pad	Min		10 Min.
Max Press 300	Max Press	From	To	Frac	Avg		15 Min.
Well Connection PC	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 918	Packer Depth	From	To	Flush 58.4	Gas Volume		Total Load

Customer Representative LD Davis	Station Manager Kevin Gordley	Treater Mike Mattal
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Service Units	37586	77686	19905	19926	19918			
Driver Names	Mattal	McGraw		Gibson				

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
1:00 PM					ON LOCATION/SARLEY MEETING
4:30					Run 8 5/8 24" CSNG
5:45					CSNG ON BOTTOM
5:55					HOOK TO CSNG/BREAK CIRC W. RIG
6:10	200		3	5	PUMP 3 BBLS WATER
6:11	200		88	5.5	Mix 200 SXS A-con
6:27	150		43	5	Mix 200 SXS COMMON
6:38	—		—	—	RELEASE PLUG
6:40	150		—	5	START DISPLACEMENT
6:52	250			58.4	PLUG DOWN, SHUT IN WELL 20.6bbls CMT TO PIT
					JOB COMPLETE
					THANK YOU!
					MIKE MATTAL
					MIKE + AARON