

KCC - Original

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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 # 33965
Name: Prolific Resources, LLC
Address 1: 2725 Dry Creek Road
Address 2: _____
City: Great Bend State: KS Zip: 67530 + _____
Contact Person: Mr. Darrell Willinger
Phone: (620) 793-2258
CONTRACTOR: License # 33905
Name: Royal Drilling, Inc.
Wellsite Geologist: Jeffrey Burk
Purchaser: NCRA

RECEIVED

SEP 13 2011

KCC WICHITA

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: N/A
Well Name: N/A
Original Comp. Date: N/A Original Total Depth: N/A

- 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 #: _____

12/20/10	12/31/10	01/24/11
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 009-25,504-00-00
Spot Description: 1211 FSL & 1660' FEL
NW_NE_SW_SE Sec. 26 Twp. 19 S. R. 11 East West
1,211 Feet from North / South Line of Section
1,668 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barton
Lease Name: Kowalsky Well #: 1
Field Name: Chase Silica
Producing Formation: Arbuckle
Elevation: Ground: 1767' Kelly Bushing: 1774'
Total Depth: 3650' Plug Back Total Depth: 3340'
Amount of Surface Pipe Set and Cemented at: 312' KB Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: N/A Feet
If Alternate II completion, cement circulated from: N/A
feet depth to: N/A w/ N/A sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 72,000 ppm Fluid volume: 800 bbls
Dewatering method used: Pull clear fluids and then allow for evaporation.
Location of fluid disposal if hauled offsite:
Operator Name: Eagle River Energy Corp.
Lease Name: Wirtz License #: 31070
Quarter NW Sec. 23 Twp. 19 S. R. 12 East West
County: Barton Permit #: E-28,319

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: [Signature]
Title: Geologist/Agent Date: 09/07/11

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: Dg Date: 9/14/11

Operator Name: Prolific Resources, LLC Lease Name: Kowalsky Well #: 1
 Sec. 26 Twp. 19 S. R. 11 East West County: Barton

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: DIL, CNL/CDL, MEL, Sector Bond Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>525</td> <td>(+1249)</td> </tr> <tr> <td>Topeka</td> <td>2626</td> <td>(-852)</td> </tr> <tr> <td>Heebner</td> <td>2886</td> <td>(-1112)</td> </tr> <tr> <td>Brown Lime</td> <td>3008</td> <td>(-1234)</td> </tr> <tr> <td>Lansing/Kansas City</td> <td>3019</td> <td>(-1245)</td> </tr> <tr> <td>Base/Kansas City</td> <td>3230</td> <td>(-1456)</td> </tr> <tr> <td>Arbuckle</td> <td>3295</td> <td>(-1521)</td> </tr> </table>	Name	Top	Datum	Anhydrite	525	(+1249)	Topeka	2626	(-852)	Heebner	2886	(-1112)	Brown Lime	3008	(-1234)	Lansing/Kansas City	3019	(-1245)	Base/Kansas City	3230	(-1456)	Arbuckle	3295	(-1521)
Name	Top	Datum																							
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Base/Kansas City	3230	(-1456)																							
Arbuckle	3295	(-1521)																							

CASING RECORD <input checked="" 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
Surface	12 1/4"	8 5/8" (New)	24#	312' KB			2% gel., 3% cc
Production	7 7/8"	5 1/2" (New)	15.5#	3360' KB	AA2	125	10% salt, 5#/sx gil.

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

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
4 spf (expendable)	3296' - 3300' (Arbuckle Dolomite)	200 gal. MCA	3296-3300
		100 gal. (28%) NEFE & 300 gal. (15%) NEFE	3296-3300
		800 gal. (20%)	3296-3300

TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>3296'</u> Packer At: <u>NONE</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		RECEIVED SEP 13 2011 KCC WICHITA
Date of First, Resumed Production, SWD or ENHR: <u>April 06, 2011</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbbs. <u>12</u> Gas Mcf <u>0</u> Water Bbbs. <u>280</u> Gas-Oil Ratio <u>N/A</u> Gravity <u>38</u>	

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Duality Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3296' - 3300' (Arbuckle)</u>
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BASIC

ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 0000 A

DATE _____ TICKET NO. _____

DATE OF JOB 12 20-10 DISTRICT KANSAS		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 ProLific Resources		LEASE Kowalsky WELL NO. 1							
ADDRESS		COUNTY Barton 26-19-11 STATE KANSAS							
CITY STATE		SERVICE CREW A Worth, J Anthony, J Smith							
AUTHORIZED BY		JOB TYPE: 8 3/8 surface 512 CWW							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
251103 PU	1						12-20-10	PM	2:30
19889-19847	1					ARRIVED AT JOB	12-20-10	AM	7:15
19960-19918	1					START OPERATION	12-20-10	AM	1:00
						FINISH OPERATION	12-20-10	AM	1:00
						RELEASED	12-20-10	AM	1:00
						MILES FROM STATION TO WELL	65 miles		

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: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
52103	60/40 Poz	sk	225		\$ 2700.00
55102	cell FLAKE	lb	57		\$ 210.90
55109	Calcium chloride	lb	582		\$ 661.10
55153	wooden cement plug 8 3/8	EA	1		\$ 160.00
E100	unit mileage charge pickup	mi	65		\$ 276.25
E101	Heavy Equip mileage	mi	13		\$ 910.00
E113	Bulk Delivery Charge	TL	1		\$ 1005.00
E1200	North Charge 0-500	4hrs	1		\$ 1200.00
E1243	Rapid Liming Service ch	sk	225		\$ 515.00
E1244	Plus constant utilization work	job	1		\$ 250.00
E1245	Service supervisor first 8 hrs	hrs	1		\$ 175.00

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SUB TO KCC WICHITA

CHEMICAL / ACID DATA:			

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

TOTAL

DL 5434 20

SERVICE REPRESENTATIVE *Allen Howard* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____

FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer: <i>Pro E L R...</i>	Lease No.	Date
Lease: <i>Wanda K...</i>	Well # <i>#1</i>	<i>12</i>
Field Order # <i>031</i>	Station <i>Pratt</i>	Casing <i>8 5/8</i>
		Depth <i>312</i>
		County <i>Darton</i>
		State <i>KS</i>
Type Job: <i>PIPE SURFACE</i>	Formation: <i>CONW</i>	Legal Description: <i>36-12-11</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8</i>	Tubing Size	Shots/Ft		Acid <i>2.25 215 601</i>	RATE	PRESS	ISIP	
Depth <i>312</i>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume <i>18.551</i>	Volume	From	To	Pad	Min		10 Min.	
Max Press <i>2500</i>	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection <i>PC</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <i>72</i>	Packer Depth	From	To	Flush <i>fresh water</i>	Gas Volume		Total Load	

Customer Representative	Station Manager <i>SCOTT</i>	Treater <i>William F. Worth</i>
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Service Units	<i>72442</i>	<i>17889</i>	<i>19842</i>	<i>17960</i>	<i>19912</i>				
Driver Names	<i>A NORTH</i>	<i>JAMES</i>	<i>ANTHONY</i>	<i>ERSON</i>	<i>W. STANLEY</i>				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>7:15</i>					<i>release pressure set to surface & pump 10 bbls</i>
<i>7:40</i>					<i>Release the surface rate @ 289'</i>
<i>8:00</i>					<i>Hold rate @ 312' circulate R</i>
<i>8:15</i>					<i>plug set</i>
<i>8:30</i>					<i>plug set casing 25"</i>
<i>8:45</i>					<i>plug set 312' circulate R</i>
<i>9:00</i>					<i>start pump 2550K, 100/100 R</i>
<i>9:15</i>					<i>2700K 3400L 1/2" C.F. to 1500'</i>
<i>9:30</i>			<i>50.00</i>		<i>Finalizing</i>
<i>9:45</i>					<i>Release pressure plug 8 5/8"</i>
<i>10:00</i>				<i>5</i>	<i>Start pump</i>
<i>10:15</i>	<i>3000</i>		<i>18.00</i>		<i>plug down surface @ 10:11</i>
<i>10:30</i>	<i>27</i>				<i>Release P.S.I</i>
<i>10:45</i>					<i>washed casing</i>
<i>11:00</i>					<i>Ruckin' back</i>
<i>11:15</i>					<i>125' circulate</i>
<i>11:30</i>					<i>plug set to bit</i>
<i>11:45</i>					<i>Finalizing</i>
<i>12:00</i>					<i>Finalizing</i>

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BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 02758 A
CAT

DATE _____ TICKET NO. _____

DATE OF JOB 1-1-11 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 Pratt Resources		LEASE Kowalsky		WELL NO. 1					
ADDRESS		COUNTY Barton		STATE KS					
CITY STATE		SERVICE CREW Sullivan Melson Hunter							
AUTHORIZED BY		JOB TYPE: CAW 5 1/2 LONG STRING							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM/PM	TIME
33708 21920	1						1-1-11	PM	1:30
19960 19918	1					ARRIVED AT JOB	1-1-11	AM	6:30
19967						START OPERATION	1-01-11	AM	1:11
						FINISH OPERATION	1-01-11	AM	1:12
						RELEASED	1-01-11	AM	1:13
						MILES FROM STATION TO WELL			65

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: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 106	A SERV LITE	SK	25		325 00
CP 105	AA 2 CEMENT	SH	100		1700 00
CP 106	A SERV LITE	SK	50		650 00
CC 102	cello-flap	lb	44		162 80
CC 105	De-Foamer	lb	19		76 00
CC 111	SALT	lb	454		227 00
CC 112	Friction Reducer	lb	29		174 00
CC 115	Gas-BLOK	lb	94		484 10
CC 129	FLA-322	lb	47		252 50
CC 201	Gibsonite	lb	500		335 00
CF 607	Latch Down Plug	eg	1		400 00
CF 1251	AUTO FILL Float shoe	eg	1		360 00
CF 1651	Turbolizer	eg	6		460 00
CF 1901	Basket	eg	2		580 00
CC 155	super Flush	gal	500		765 00
E 100	Pickup Mileage	Mi	65		276 25
E 101	Heavy Equipment Mileage	Mi	130		910 00
E 113	Bulk Delivery	TM	520		832 00
CF 204	Depth Charge	whrs	1		2160 00

SUB TOTAL

CHEMICAL / ACID DATA:			

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

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SERVICE REPRESENTATIVE <i>Robert Sullivan</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO. _____

Customer PROLIFIC Res	Lease No.	Date 01-01-11
Lease Kowalsky	Well # 1	
Field Order # 2768	Station PRATT KS	Casing 5 1/2
		Depth 3360'
Type Job CNW 5 1/2 Logging	Formation	County WARTON
		State KS
		Legal Description 26-10-11

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
5 1/2								
Depth 3360	Depth	From	To	Pre Pad	Max		5 Min.	
Volume 79 1/2	Volume	From	To	Pad	Min		10 Min.	
Max Press 3000	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 3341	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative	Station Manager DAVE SCOTT	Treater Robert Sullivan
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Service Units	19867	33708	20920	19960	19918				
Driver Names	Sullivan	Malson		Hunter					

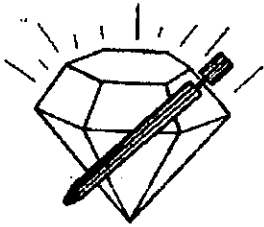
*Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0630					ON loc. Sotty meeting
					Run 80 JTS 5 1/2 15 1/2 CS9
					cont 1,2,5,7,9,13. BAK 1, 6
1400					Casing on Bottom
1415					Hook Rig to circulate.
1520	200		5	3	2x Spacers
			12	4	2x Superflub
			5		2x SPACER
			9	5	mix 25 sk A-Soulite
			24		mix Tail 100sk AA-2 cont
					shut down cont mix. wash line, pump!
					Release Plug
1600	200			6	2x Spacers
	350				left DS.
	600			4	slow rate
1615			79 1/2		plug down
			6	3	plug R.H.
			4		plug m.H.
					503 Complete

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KCC WICHITA

Thank you



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313

ON 10:00 12/29/10

OFF 03:10 12/30/10

DRILL-STEM TEST TICKET

STC/KOWalsky1dst1

Company PROLIFIC RESOURCES Lease & Well No. KOWALSKY #1
 Contractor ROYAL DRILLING RIG 2 Charge to PROLIFIC RESOURCES
 Elevation 1757 G.L. Formation LKC "A,B,C,D" Effective Pay _____ Ft. Ticket No. D879
 Date 12/29/10 Sec. 26 Twp. 19 S Range 11 W County NESS State KANSAS
 Test Approved By JEFF BURK Diamond Representative JOHN C. RIEDL

Formation Test No. 1 Interval Tested from 3014 ft. to 3090 ft. Total Depth 3090 ft.
 Packer Depth 3009 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3014 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3017 ft. Recorder Number 30046 Cap. 6,000 P.S.I.
 Bottom Recorder Depth (Outside) 3087 ft. Recorder Number 11073 Cap. 4,000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 52 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9 Water Loss 10.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 4,600 P.P.M. Drill Pipe Length 2994 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number NOT USED Test Tool Length 20 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 76 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: WEAK (DEAD IN 10 MINUTES) NO BB
 2nd Open: WEAK (1" DEC. + DEAD IN 15 MINUTES) NO BB

Recovered 10 ft. of DRILLING MUD

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: TOTAL FLUID RECOVERY: 10' IN DRILL PIPE

Price Job
Other Charges <u>RECEIVED</u>
Insurance <u>SEP 13 2011</u>
Total <u>KCC WICHITA</u>

Time Set Packer(s) 11:15 P.M. A.M. P.M. Time Started Off Bottom 1:45 A.M. A.M. P.M. Maximum Temperature 95

Initial Hydrostatic Pressure (A) 1474 P.S.I.
 Initial Flow Period Minutes 30 (B) 26 P.S.I. to (C) 28 P.S.I.
 Initial Closed In Period Minutes 45 (D) 70 P.S.I.
 Final Flow Period Minutes 30 (E) 27 P.S.I. to (F) 32 P.S.I.
 Final Closed In Period Minutes 45 (G) 52 P.S.I.
 Final Hydrostatic Pressure (H) 1430 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.

GENERAL INFORMATION

Client Information:

Company: PROLIFIC RESOURCES

Contact: DARRELL WILLINGER

Phone: Fax: e-mail:

Site Information:

Contact: JEFF BURK

Phone: Fax: e-mail:

Well Information:

Name: KAWALSKY 1

Operator: PROLIFIC RESOURCES

Location-Downhole:

Location-Surface: S21/19S/11W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JEFF BURK

Test Type: CONVENTIONAL

Job Number: D879

Test Unit:

Start Date: 2010/12/29

Start Time: 22:00:00

End Date: 2010/12/30

End Time: 03:10:00

Report Date: 2010/12/30

Prepared By: JOHN RIEDL

Remarks:

Qualified By: JEFF BURK

RECOVERY: 10' DRILLING MUD

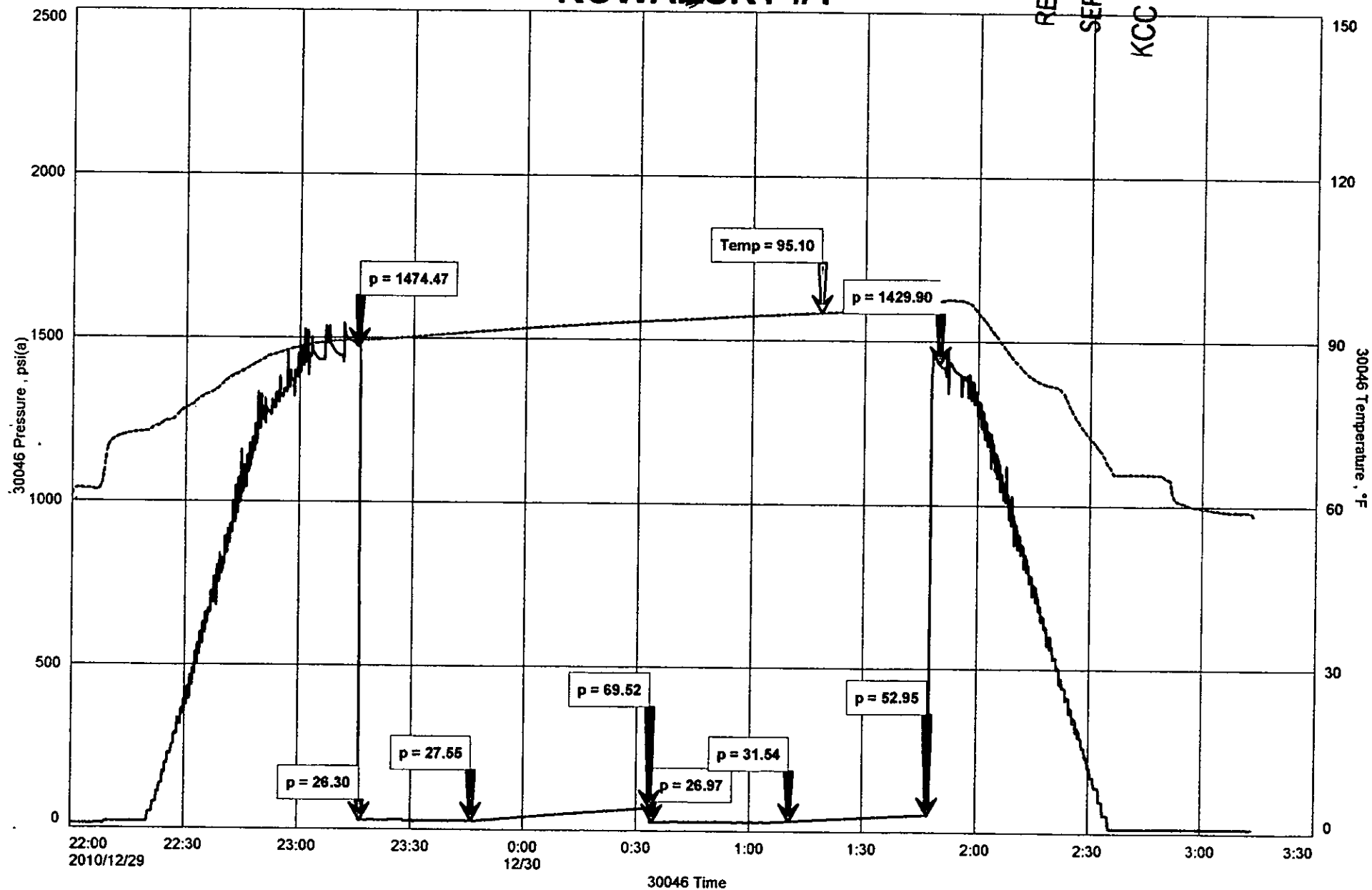
RECEIVED
SEP 13 2011
KCC WICHITA

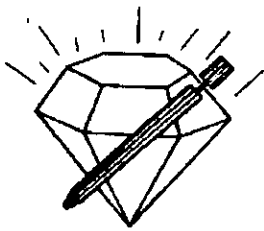
PROLIFIC RESOURCES
Start Test Date: 2010/12/29
Final Test Date: 2010/12/30

KOWALSKY #1

KOWALSKY #1
Formation: LKC "A,B,C,D"
Job Number: D879

RECEIVED
SEP 13 2011
KCC WICHITA





DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313

ON 16:15 12/30/10

OFF 21:05 12/30/10

DRILL-STEM TEST TICKET

STC/KOWalsky1dst2

Company PROLIFIC RESOURCES Lease & Well No. KOWALSKY #1
 Contractor ROYAL DRILLING RIG 2 Charge to PROLIFIC RESOURCES
 Elevation 1757 G.L. Formation LKC "H,I,J" Effective Pay _____ Ft. Ticker No. D880
 Date 12/30/10 Sec. 26 Twp. 19 S Range 11 W County BARTON State KANSAS
 Test Approved By JEFF BURK Diamond Representative JOHN C. RIEDL

Formation Test No. 2 Interval Tested from 3160 ft. to 3230 ft. Total Depth 3230 ft.
 Packer Depth 3155 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3160 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3163 ft. Recorder Number 30046 Cap. 6,000 P.S.I.
 Bottom Recorder Depth (Outside) 3237 ft. Recorder Number 11073 Cap. 4,000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 46 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 5,000 P.P.M. Drill Pipe Length 3140 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number NOT USED Test Tool Length 20 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 70 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: WEAK (DEAD IN 15 MINUTES) NO BB
 2nd Open: NO BLOW NO BB

Recovered 5 ft. of OIL SPECKED DRILLING MUD
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: TOTAL FLUID RECOVERY: 5' IN DRILL PIPE

Price Job	RECEIVED
Other Charges	SEP 13 2011
Insurance	KCC WICHITA
Total	

Time Set Packer(s) 5:10 P.M. A.M. P.M. Time Started Off Bottom 7:40 P.M. A.M. P.M. Maximum Temperature 96
 Initial Hydrostatic Pressure (A) 1552 P.S.I.
 Initial Flow Period Minutes 30 (B) 27 P.S.I. to (C) 30 P.S.I.
 Initial Closed In Period Minutes 45 (D) 57 P.S.I.
 Final Flow Period Minutes 30 (E) 29 P.S.I. to (F) 31 P.S.I.
 Final Closed In Period Minutes 45 (G) 46 P.S.I.
 Final Hydrostatic Pressure (H) 1518 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.

GENERAL INFORMATION

Client Information:

Company: PROLIFIC RESOURCES LLC
Contact: DARRELL WILLINGER
Phone: Fax: e-mail:

Site Information:

Contact: JEFF BURK
Phone: Fax: e-mail:

Well Information:

Name: KOWALSKY #1
Operator: PROLIFIC RESOURCES LLC
Location-Downhole:
Location-Surface: S26/19S/11W

Test Information:

Company: DIAMOND TESTING
Representative: JOHN RIEDL
Supervisor: JEFF BURK
Test Type: CONVENTIONAL Job Number: D880
Test Unit:
Start Date: 2010/12/30 Start Time: 16:15:00
End Date: 2010/12/10 End Time: 21:05:00
Report Date: 2010/12/10 Prepared By: JOHN RIEDL

Remarks:

RECOVERY: 5' OIL SPECKED DRILLING MUD

Qualified By: JEFF BURK

RECEIVED

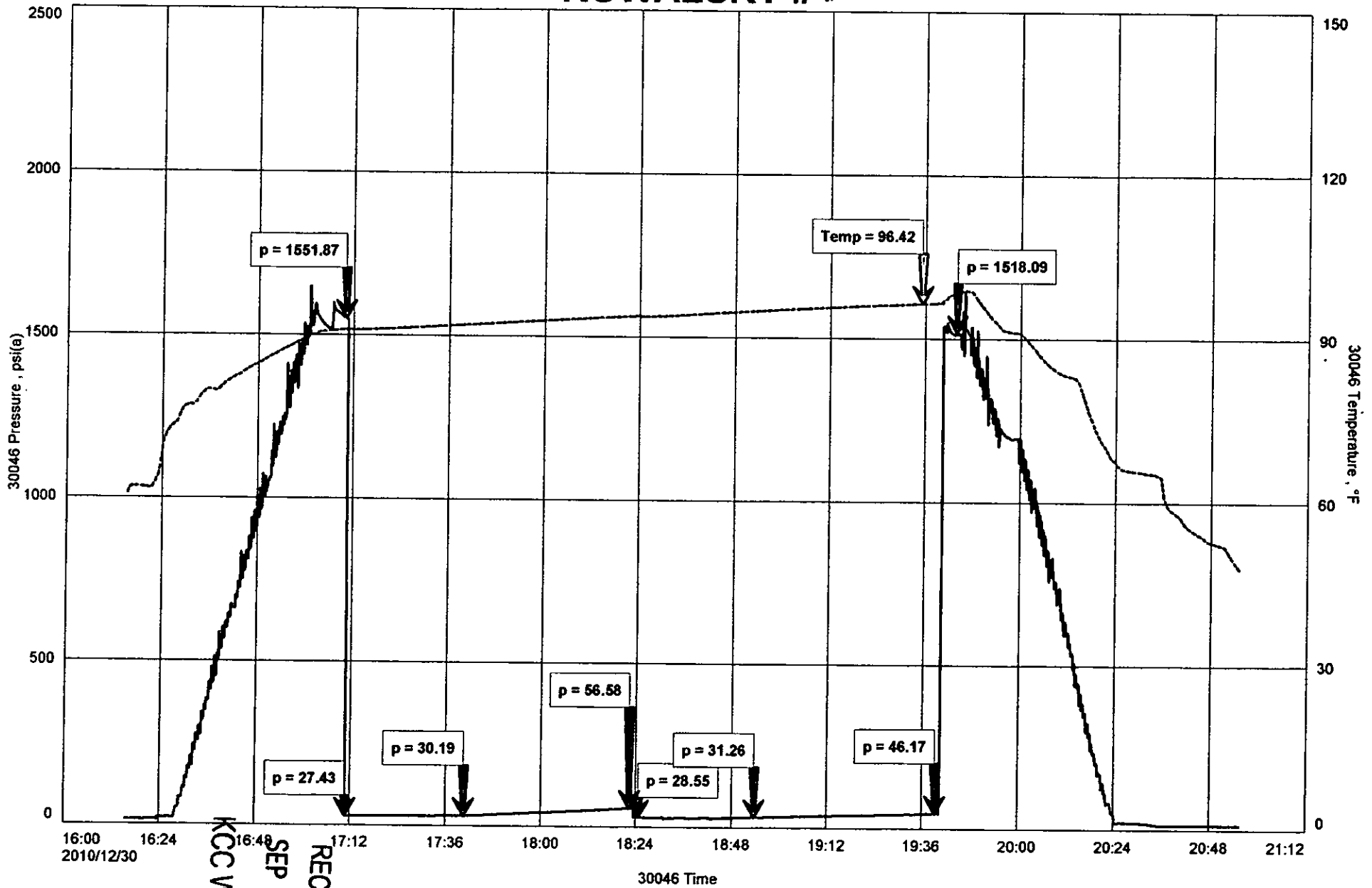
SEP 13 2011

KCC WICHITA

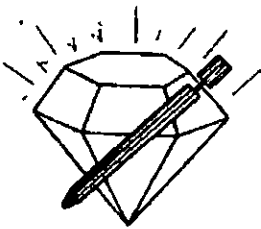
PROLIFIC RESOURCES LLC
Start Test Date: 2010/12/30
Final Test Date: 2010/12/10

KOWALSKY #!
Formation: LKC "H,I,J"
Job Number: D880

KOWALSKY # 1



KCC WICHITA
SEP 13 2011
RECEIVED



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313

ON 08:45 12/31/10

OFF 15:20 12/31/10

DRILL-STEM TEST TICKET

STC/KOWalsky1ds3

Company PROLIFIC RESOURCES Lease & Well No. KOWALSKY #1
 Contractor ROYAL DRILLING RIG 2 Charge to PROLIFIC RESOURCES
 Elevation 1757 G.L. Formation ARBUCKLE Effective Pay _____ Fr. Ticket No. D881
 Date 12/31/10 Sec. 26 Twp. 19 S Range 11 W County BARTON State KANSAS
 Test Approved By JEFF BURK Diamond Representative JOHN C. RIEDL

Formation Test No. 3 Interval Tested from 3273 ft. to 3302 ft. Total Depth 3302 ft.
 Packer Depth 3268 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3273 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3276 ft. Recorder Number 30046 Cap. 6,000 P.S.I.
 Bottom Recorder Depth (Outside) 3296 ft. Recorder Number 11073 Cap. 4,000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 50 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.4 Water Loss 9.5 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 8,600 P.P.M. Drill Pipe Length 3253 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number NOT USED Test Tool Length 20 ft. Tool Size 3 1/2-LF in.
 Did Well Flow? NO Reversed Out NO 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: STRONG (B.O.B 12 MINUTES) NO BB
 2nd Open: STRONG (B.O.B 15 MINUTES) FAIR BB

Recovered 1000 ft. of GAS IN PIPE
 Recovered 50 ft. of CGO (20%GAS 80%OIL) 38 GRAVITY
 Recovered 120 ft. of SLMCGO (10%MUD 30%GAS 60%OIL)

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges RECEIVED
Remarks: <u>TOTAL FLUID RECOVERY: 170' IN DRILL PIPE</u>	Insurance SEP 13 2011
	Total KCC WICHITA

Time Set Packer(s) 10:30 A.M. A.M. P.M. Time Started Off Bottom 1:45 P.M. A.M. P.M. Maximum Temperature 104
 Initial Hydrostatic Pressure (A) 1620 P.S.I.
 Initial Flow Period Minutes 30 (B) 32 P.S.I. to (C) 57 P.S.I.
 Initial Closed In Period Minutes 45 (D) 972 P.S.I.
 Final Flow Period Minutes 60 (E) 60 P.S.I. to (F) 92 P.S.I.
 Final Closed In Period Minutes 60 (G) 940 P.S.I.
 #Final Hydrostatic Pressure (H) 1583 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.

GENERAL INFORMATION

Client Information:

Company: PROLIFIC RESOURCES LLC
Contact: DARRELL WILLINGER
Phone: Fax: e-mail:

Site Information:

Contact: JEFF BURK
Phone: Fax: e-mail:

Well Information:

Name: KOWALSKY #1
Operator: PROLIFIC RESOURCES LLC
Location-Downhole:
Location-Surface: S26/19S/11W

Test Information:

Company: DIAMOND TESTING
Representative: JOHN RIEDL
Supervisor: JEFF BURK
Test Type: CONVENTIONAL; Job Number: D881
Test Unit:
Start Date: 2010/12/31 Start Time: 08:45:00
End Date: 2010/12/31 End Time: 15:20:00
Report Date: 3010/12/31 Prepared By: JOHN RIEDL

Remarks:

RECOVERY: 1000' GAS IN PIPE, 50' GAS CUT OIL
120' SLIGHTLY MUD CUT GASSY OIL

Qualified By: JEFF BURK

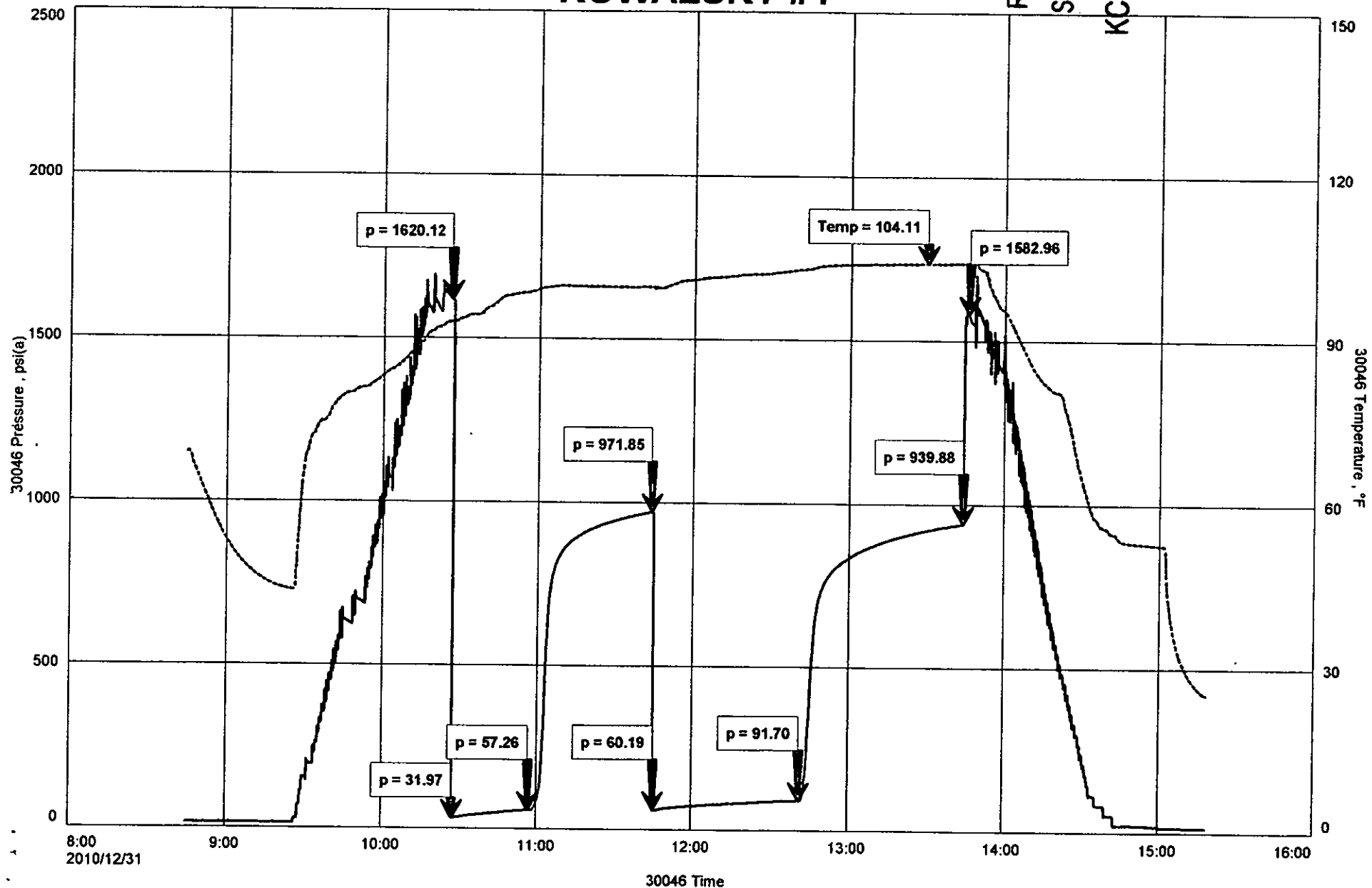
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SEP 13 2011
KCC WICHITA

PROLIFIC RESOURCES LLC
Start Test Date: 2010/12/31
Final Test Date: 2010/12/31

KOWALSKY #1

RECEIVED
SEP 13 2011
KCC WICHITA

KOWALSKY #1
Formation: ARBUCKLE
Job Number: D881



Please remit payment to:
 Pioneer Wireline Services
 P.O. Box 202567
 Dallas, TX 75320-2567

PIONEER WIRELINE SERVICES

31741

dba Log-Tech
 785.625.3858

Date 1-19-11

CHARGE TO: Prolific Resources LLC
 ADDRESS _____
 R/A SOURCE NO. _____ CUSTOMER ORDER NO. Nw 104
 LEASE AND WELL NO. Kowalsky #1 FIELD Chase-Silica
 NEAREST TOWN Ellinwood COUNTY Barton STATE Ks
 SPOT LOCATION _____ SEC. 26 TWP. 19s RANGE 11W
 ZERO 7'k.B. CASING SIZE 5.5 WEIGHT _____
 CUSTOMER'S T.D. _____ LOG TECH _____ FLUID LEVEL 1300
 ENGINEER S. Ernst OPERATOR CHAD COSBY

PERFORATING						
Description	No. Shds	From	Depth	To	Amount	
<u>4x4</u>	<u>3296</u>	<u>16</u>	<u>3296</u>	<u>3300</u>	<u>1530</u>	<u>00</u>
	<u>2.5</u>					
	<u>3293.5</u>					

DEPTH AND OPERATIONS CHARGES						
Description	From	Depth	To	Total No. Ft.	Price Per Ft.	Amount

MISCELLANEOUS			
Description	Quantity	Amount	
Service Charge	<u>Trk # 6</u>	<u>RECEIVED</u>	<u>950 00</u>
T.J.		<u>SEP 13 2011</u>	
A.O.L.			
S.J.			
F.J.	<u>T.W.T.</u>	<u>KCC WICHITA</u>	

PRICES SUBJECT TO CORRECTION BY BILLING DEPARTMENT

RECEIVED THE ABOVE SERVICES ACCORDING TO THE TERMS AND CONDITIONS SPECIFIED ON THE REVERSE SIDE TO WHICH WE HEREBY AGREE.

Sub Total	<u>2480</u>	<u>00</u>
Tax		
	<u>165000</u>	

Customer Signature: [Signature] 01/19/11
 1-19-11

RC
 X1
 1-2

ROYAL DRILLING, INC.

Phone: (785) 483-6446 - P.O. Box 342 - Russell, KS 67665

COMPANY <i>PROLIFIC RESOURCES</i>	FARM <i>KOWALSKY</i>	WELL NO. #1
SEC. 26 TWP. 19S RGE. 11W LOC.	COUNTY <i>BARTON</i>	STATE <i>KS</i>
CONTRACTOR <i>ROYAL DRILL #2</i>	SIZE HOLE <i>7 7/8</i>	DRILL PIPE <i>4 1/2</i>
REMARKS: <i>2600-2700</i>	SIZE PUMP LINERS <i>6"</i>	LENGTH STROKE <i>14"</i>

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2600	09	10	
	11	1	
	12	1	
	13	1	
05	14		
	15	1	
	16	1	
	17	1	
	18	1	
10	19		
	20	1	
	21	1	<i>conn</i>
	25	26	
	27	1	
15	28	1	
	29	1	
	30	1	
	31	1	
	-	-	
20	32	1	
	33	1	
	34	1	
	35	1	
	36	1	
25	38	2	
	41	3	
	43	2	
	45	2	
	48	3	
30	51	3	
	53	2	
	55	2	
	58	3	
	8:00	2	
35	01	1	
	03	2	
	04	1	
	05	1	
	07	2	
40	09	2	
	10	1	
	12	2	
	14	2	
	16	2	<i>conn</i>
45	15	21	
	24	3	
	26	2	
	28	2	
	31	3	
50	33	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2650	33	37	
	40	3	
	42	2	
	45	3	
55	48	3	
	50	2	
	53	3	
	56	3	
	59	3	
60	9:01	2	
	03	2	
	06	3	
	07	1	
	09	2	
65	11	2	
	13	2	
	15	2	
	16	1	
	18	2	
70	19	1	
	21	2	
	23	2	
	26	3	
	28	2	
75	30	2	
	32	2	<i>conn WODrws</i>
	40	49	
	51	2	
	53	2	
80	55	2	
	58	3	
	10:00	2	
	02	2	
	05	3	
85	07	2	
	09	2	
	11	2	
	13	2	
	15	2	
90	17	2	
	19	2	
	21	2	
	23	2	
	26	3	
95	28	2	
	30	2	
	33	3	
	35	2	
	37	2	
00	40	30	<i>WOD</i>

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 SEP 13 2011
 KCC WICHITA

ROYAL DRILLING, INC.

Phone: (785) 483-6446 - P.O. Box 342 - Russell, KS 67665

COMPANY				FARM <i>KOWALSKY</i>	WELL NO. #/
SEC.	TWP.	RGE.	LOC.	COUNTY	STATE
CONTRACTOR				SIZE HOLE	DRILL PIPE
REMARKS:				SIZE PUMP LINERS	LENGTH STROKE

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2700 01	50 52	2	Call Geo
	54	2-	
	57	2-	
	59	2-	
05	11:02	3	
	06	4	
	09	2-	
	11	2-	conn
	20 22	2	
10	25	3	
	27	2	
	29	2-	
	31	1-	
	32	1-	
15	34	2	
	36	1-	
	37	1-	
	39	1-	
	41	2	
20	43	2	
	45	2	
	47	2	
	49	2	
	50	1	
25	52	2	
	54	2	
	57	3	
	59	2	
	12:01	2	
30	02	1-	
	04	1-	
	05	1-	
	07	1-	
	08	1-	
35	10	1-	
	11	1-	
	13	2	
	16	2-	
	19	3	CONN @ 2739
40	22 24	2	
	25	1	
	26	1-	
	28	1-	
	29	1-	
45	31	1-	
	32	1	
	33	1	
	34	1	
	36	2	
27 50	37	1-	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2750 51	39 40	2-	
	41	1-	
	44	2-	
	46	2	
55	48	2	
	49	1-	
	51	1-	
	53	2	
	54	1-	
60	57	2-	
	59	2	
	1:01	2	
	03	2	
	05	2	
65	07	2	
	09	2	
	11	2-	
	14	2-	
	16	2-	
70	18	2	
	20	2	CONN @ 2771
	24 26	2	
	28	2	
	29	1-	
75	31	2	
	34	2-	
	35	1-	
	38	2-	
	41	3	
80	44	3-	
	48	3-	
	50	2-	
	54	3-	
	56	2	
85	58	2	
	2:00	2	
	01	1-	
	04	2-	
	07	3	
90	10	3	
	13	3	
	15	2-	
	18	2-	
	20	2-	
95	23	3	
	25	2	
	28	2-	
	29	1	
	31	2-	
28 00	34	3	SAMPLES

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SEP 13 2011

KCC WICHITA

ROYAL DRILLING, INC.

Phone: (785) 483-6446 - P.O. Box 342 - Russell, KS 67665

COMPANY				FARM <i>Kowalsky</i>	WELL NO. # /
SEC.	TWP.	RGE.	LOC.	COUNTY	STATE
CONTRACTOR				SIZE HOLE	DRILL PIPE
REMARKS: <i>2800-2900</i>				SIZE PUMP LINERS	LENGTH STROKE

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2800 01	2:34 37	2-	
	39-	2-	CONN@2802
	43 45	2	
	47	2	
05	49	2	
	50-	1-	
	52	1-	
	54	2	
	56	2	
10	58	2	
	3:00	2	
	01-	1-	
	04	2-	
	06	2	
15	08	2	
	09-	1-	
	11	1-	
	13-	2-	
	15-	2	
20	18	2-	
	20-	2-	
	23	2-	
	25-	2-	
	28-	3	
25	31-	3	
	34	2-	
	37	3	
	40	3	
	42-	2-	
30	45-	3	
	47	1-	
	49-	2-	
	53	3-	CONN@2833 w.o. hydro.
	4:01 04	3	
35	07	2-	
	09-	2-	
	12	2-	
	14	2	
	16-	2-	
40	18	1-	CFS 20.40 (60)
	52 53	1-	
	55	1-	
	56-	1-	
	58	1-	
45	5:00	2	
	01-	1-	
	03	1-	
	04	1	
	06	2	
28 50	07-	1-	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2850 51	5:07 09-	2	
	11-	2	
	14	2-	
	16-	2-	
55	19	2-	CFS@2855'
	6:10 13	2	20'40'-60"
	15-	2-	
	18-	3	
	21-	3	
60	24-	3	
	27	2-	
	29-	2-	
	31-	2	
	34	2-	
65	36	2	CONN@2865
	38 40-	2	
	43	2-	
	45-	2-	
	47-	2	
70	49-	2	
	51-	2	
	53	1-	
	56	3	
	58-	2-	
75	7:01	3	
	04-	3	
	07	2-	
	09-	2-	
	12	2-	
80	14	2	
	16	2	
	18	2	
	20	2	
	22	2	
85	24-	2-	
	27	2-	
	30	3	
	33	3	
	35	2	
90	36	1	
	37	1	
	38	1	
	40	2	
	43-	3-	
95	46	2-	
	48	2	CONN@2896
	5:05 05	1-	
	09	3-	
	11-	2-	
29 00	15	3-	

RECEIVED
 SEP 13 2011
 KCC WICHITA

ROYAL DRILLING, INC.

Phone: (785) 483-6446 - P.O. Box 342 - Russell, KS 67665

COMPANY				FARM KOWALSKY	WELL NO. 41
SEC.	TWP.	RGE.	LOC.	COUNTY	STATE
CONTRACTOR				SIZE HOLE	DRILL PIPE
REMARKS: 2900-3000				SIZE PUMP LINERS	LENGTH STROKE

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2900 01	15	2-	
	17-	3-	
	21	3-	
	24-	3-	
	27	2-	
05	29	2	
	32	3	
	35	3	
	38	3	
	41	3	
10	43-	2-	
	46	2-	
	47	1	
	50	3	
	53-	3-	
15	57	3-	
	900	3	
	04	4	
	07-	3-	
	11-	4	
20	14-	3	
	17	2-	
	19	2	
	21	2	
	23	2	
25	25	2	
	26-	1-	
	28	1-	
	30	2	Conn @ 2928
	35/36-	1-	
30	38	1-	
	39-	1-	
	41	1-	
	42-	1-	
	44	1-	
35	45-	1-	
	47	1-	
	48	1-	
	50	1-	
	51-	1-	
40	52-	1	
	54	1-	
	55-	1-	
	57-	2	
	59	1-	
45	1000-	1-	
	02	1-	
	03	1	
	04	1	
	05-	1-	
29 50	07	1-	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2950 51	07	1	
	08	1-	
	09-	1-	
	11	1-	
	12-	1-	
55	14	1-	
	15	1	
	16	1	
	17-	1-	
	19	1-	Conn @ 2959
60	22/23	1	Call Jeff @
	24	1	316 250-5695
	25-	1-	
	27	1-	
	28	1	
65	29	1	
	30	1	
	31-	1-	
	33	1-	
	34	1	
70	35	1	CFS-20'-40'-60'
	37/38-	1-	
	40	1-	
	41	1	
	42	1	
75	43	1	
	44	1	
	45-	1-	
	47	1-	
	48	1	
80	49-	1-	
	51	1-	
	52	1	
	53	1	
	54	1	
85	55	1	
	56	1	
	57-	1-	
	59	1-	
	1200-	1-	
90	02	1-	Conn @ 2990
	05/06-	1	
	08	1-	
	09	1	
	10-	1-	
95	11-	1	
	13	1-	
	14	1	
	15-	1-	
	17	1-	
30 00	18	1	

RECEIVED

SEP 13 2011

KCC WICHITA

ROYAL DRILLING, INC.

Phone: (785) 483-6446 - P.O. Box 342 - Russell, KS 67665

COMPANY				FARM KOWALSKY	WELL NO. # 1
SEC.	TWP.	RGE.	LOC.	COUNTY	STATE
CONTRACTOR				SIZE HOLE	DRILL PIPE
REMARKS:				SIZE PUMP LINERS	LENGTH STROKE

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3000 01	12:18 19	1	
	20	1	
	21	1	
	22	1	
05	23-	1-	
	24-	1	
	25-	1	
	27	1-	
	28	1	
10	29	1	
	30	1	
	33	3	
	36-	3-	
	39-	3	
15	42-	3	
	45-	3	
	48-	3	
	51-	3	
	54-	3	
20	57	2-	
	59	2	
	102	3	Conn @ 3022
	05/07	2	
	09	2	
25	11	2	W+9.0 V+552
	13	2	
	15	2	
	17	2	
	18-	1-	
30 30	20	1-	Call Jeff @ 316 250-5655
	21	1	
	23	2	
	25-	2-	
	28-	3	
35	30	1-	
	32	2	
	34	2-	
	36-	2	
	39	2-	
30 40	41-	2-	CFS - 20'-40'-60'
	35/32-	2	
	35-	3	
	38-	3	
	41	2-	
45	44	3	
	47	3	
	51	4	
	55	4	
	58	3	
30 50	3:00	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3050 51	3:00 03	3	
	05	2	
	08	3	
	10	2	Conn @ 3054
55	21/28	1	Rig
	30	2	
	33	3	
	35	2	
	38	3	
60	40	2	
	43	3	
	45	2	
	48	3	
	51	3	
65	54	3	
	58	4	
	4:01	3	
	04	3	
	08	4	
70	10	2	
	14	4	
	17	3	
	19	2	
	22	3	
75	24	2	
	27	3	
	31	4	
	33	2	
	36	3	
80	40	4	
	43	3	
	46	3	
	50	4	
	53	3	
85	56	3	
	5:00	4	Conn
	01/06	2	
	09	3	
	12	3	
30 90	14	2	CFS = 20"-40"-60"
	47/30-	3-	BACK TO 13M - CFS
	53-	3	30" TAKE OFF DRILL
	57	3-	
	6:00	3	VS 55 w/ 90 LBS
95	63-	3-	
	67	3-	
	69	2	
	12-	3-	
	17-	5	
31 00	20	2-	

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ROYAL DRILLING, INC.

Phone: (785) 483-6446 - P.O. Box 342 - Russell, KS 67665

COMPANY				FARM <i>KOWALSKY</i>	WELL NO. # <i>1</i>
SEC.	TWP.	RGE.	LOC.	COUNTY	STATE
CONTRACTOR				SIZE HOLE	DRILL PIPE
REMARKS: <i>3100-3200</i>				SIZE PUMP LINERS	LENGTH STROKE

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<i>3100</i> 01	<i>6:20</i> 23	3	
	26-	3-	
	29	2-	
	33-	4-	
05	37	3-	
	40	3	
	43	3	
	46-	3-	
	49-	3	
10	52	2-	
	55	3	
	58	3	
	701-	3-	
	04	2-	
15	06	2	
	08	2	
	10	2	
	12	2	<i>Conn @ 3118</i>
	27/28	1	
20	29-	1-	
	30-	1	
	33	2-	
	35	2	
	36	1	
25	37	1	
	38-	1-	
	41-	3	
	44	2-	
	46	2	
30	48	2	
	49	1	
	50	1	
	51	1	
	52	1	
35	53	1	
	54	1	
	55-	1-	
	57-	2	
	801	2-	
40	03-	2-	
	05-	2	
	08	2-	
	11-	3-	
	14-	3	
45	17	2-	
	20	3	
	23	3	
	26-	3-	
	30	3-	
3150	32-	2	<i>Conn @ 3150</i>

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<i>3150</i> 51	<i>35-</i> 38	2-	
	41	3	
	44	3	
	46-	2-	<i>W+9.0V:57</i>
55	48-	2	
	51	2-	
	53-	2-	
	56	2-	
	58-	2-	
60	901	2-	
	03-	2-	
	06	2-	
	08-	2-	
	10-	2	
65	13-	3	
	16	2-	
	19	3	
	21-	2-	
	23-	2	
70	25-	2	
	28	2-	
	30	2	
	33	3	
	36-	3-	
75	39	2-	
	42-	3-	
	45	2-	
	47-	2-	
	49-	2	
80	53	3-	
	56	3	<i>Conn @ 3181</i>
	1000/02-	2-	
	05	2-	
	07-	2-	
85	09	1-	
	12	3	
	15	3	
	18	3	
	22	4	
3190	27	5-	<i>* CFS = 20"; 40"</i>
	1108/11	3	<i>CALL JEFF E</i>
	14	3	<i>316 250-5655</i>
	17	3	
	20	3	
95	23-	3-	
	26-	3	
	29-	3	
	31-	2	
	35	3-	
3200	38	3	

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COMPANY FARM *KOWALSKIY* WELL NO. *#1*
 SEC. TWP. RGE. LOC. COUNTY STATE
 CONTRACTOR SIZE HOLE DRILL PIPE
 REMARKS: *3200-3300* SIZE PUMP LINERS LENGTH STROKE

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3200 01	1138 40	2-	
	43	2-	
	46	3	
	49	3	
05	52	3	
	54	2	
	56	2	
	58	2	
	1200-	2-	CFS 20"-40"-60"
10	100/102	2	
	04-	2-	
	07	2-	
	09	2	CONN @ 3213
	13/15	1-	
15	17-	2-	
	20	2-	
	23	3	
	26	3	
	29-	3-	
20	32-	3	
	35	2-	
	38-	3-	
	41-	3	
	46	4-	
25	49	3	
	52	3	
	55	3	
	59	4	
	201-	2-	
30	03-	2	CFS/DST#2
	48- 52-	4	(3160'-3230')
	56-	4	
	11:01	4-	
	05	4	
35	09-	4-	
	14	4-	
	19	5	
	24	5	
	28	4	
40	31-	3-	
	35	3-	
	38-	3-	
	41-	3	
	45	3	CONN @ 3244
45	58- 101-	3	
	04-	3	
	07-	3	
	10-	3	
	13	2-	
3250	16-	3-	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3250 51	12:16- 19-	3	
	23	3-	
	26	3	
	30	4	
55	34	4	
	37-	3-	
	41	3-	
	45	4	
	48	3	
60	51	3-	
	54-	3-	
	59	4-	
	1:04	5	
	05-	4-	
65	13	4-	
	16	3	
	20	4	
	24	4	
	27	3	
70	29-	2-	
	31	1-	
	35	4	
	39-	4-	
	44-	5	
75	48	3-	CALL GEO
	51-	3-	CONN @ 3276
	55 57	2	
	2:00	3	
	02-	2-	
80	06	3-	
	09-	3-	
	13	3-	
	15-	2-	
	17	1-	
85	19	2	
	21	2	
	25	4	
	29	4	
	33	4	
90	35-	2	STOP! IF GEO NOT REGR
	42- 44-	2	
	46	1-	
	48	2	
	50	2	CFS - 20"-40"-60"
95	52	2	
	23 25	2	
	27	2	
	30-	3-	
	33-	3	
3300	36	2-	

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COMPANY				FARM <i>KOWANSKY</i>	WELL NO. #/
SEC.	TWP.	RGE.	LOC.	COUNTY	STATE
CONTRACTOR				SIZE HOLE	DRILL PIPE
REMARKS: <i>3300-3400</i>				SIZE PUMP LINERS	LENGTH STROKE

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3300 01	4:36 38	2	CFSQ 3301 30" 45"
	5:37 39	1-	CFSQ 3302
	5:51 51	1	Back on bottom, CFCU
	53	2	(1) moving drill ahead
05	55	2	
	58	3	
	6:01	3	CONN @ 3307
	05 07	2	
	09	2	
10	10	1	
	12	2	
	13	1	
	15	2	
	17	2	
15	20	3	
	22	2	
	25	3	
	27	2	
	29	2	
20	31	2	
	34	3	
	36	2	
	39	3	
	42	3	
25	44	2	
	47	3	
	50	3	
	52	2	
	54	2	
30	57	3	
	59	2	
	7:01	2	
	03	2	
	06	3	
35	08	2	
	10	2	
	13	3	
	15	2	CONN
	18 20	2	
40	22	2	
	25	3	
	27	2	
	28	1	
	30	2	
45	32	2	
	34	2	
	37	3	
	39	2	
	41	2	
50	43	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3350	43 44	1	
	46	2	
	49	3	
	51	2	
55	53	2	
	55	2	
	57	2	
	59	2	
	8:00	1	
60	02	2	
	05	3	
	08	3	
	10	2	
	12	2	
65	14	2	RTD @ 3365'
			CONN
70			
75			
80			
85			
90			
95			
34 00			

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