

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

RECEIVED  
AUG 23 2010

8/23/11

KCC WICHITA

Form ACO-1  
June 2009

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

**ORIGINAL**

OPERATOR: License # 33190  
Name: Noble Energy, Inc.  
Address 1: 1625 Broadway, Suite 2200  
Address 2: \_\_\_\_\_  
City: Denver State: CO Zip: 80202 + \_\_\_\_\_  
Contact Person: Jennifer Barnett  
Phone: ( 303 ) 228-4342  
CONTRACTOR: License # 33784  
Name: Trinidad Drilling Limited Partnership  
Wellsite Geologist: \_\_\_\_\_  
Purchaser: DCP

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Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     WSW     SWD     SLOW  
 Gas     D&A     ENHR     SIGW  
 OG     GSW     Temp. Abd.  
 CM (Coal Bed Methane)  
 Cathodic     Other (Core, Expl., etc.): \_\_\_\_\_

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

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to ENHR     Conv. to SWD  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_

4/27/2010    5/17/2010    7/6/2010  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date    Recompletion Date

API No. 15 - 175-22181-00-00  
Spot Description: \_\_\_\_\_  
SE NE SW SE Sec. 15 Twp. 34 S. R. 31  East  West  
953 Feet from  North /  South Line of Section  
1,637 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Seward  
Lease Name: Black Well #: 3-15  
Field Name: Arkalon  
Producing Formation: Morrow  
Elevation: Ground: 2475' Kelly Bushing: 2493'  
Total Depth: 6202' Plug Back Total Depth: 5942'  
Amount of Surface Pipe Set and Cemented at: 1580' cmt @ 1590' 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: \_\_\_\_\_ bbis  
Dewatering method used: \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**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: Jennifer Barnett  
Title: Regulatory Analyst Date: 8/5/2010

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
Date: 8/23/10 - 8/23/11  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: DG Date: 8/22/10

Operator Name: Noble Energy, Inc. Lease Name: Black Well #: 3-15  
 Sec. 15 Twp. 34 S. R. 31  East  West County: Seward

**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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets)  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 type="checkbox"/> No (If no, Submit Copy)  List All E. Logs Run: Platform Exp./AIL/GR/SP & Platform Exp./Comp. Neutron/Litho-Dens- hard copies submitted, CBL- electronic submitted	<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:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Council Grove</td> <td>2760' MD</td> <td></td> </tr> <tr> <td>Toronto</td> <td>4155' MD</td> <td></td> </tr> <tr> <td>Lansing</td> <td>4284' MD</td> <td></td> </tr> <tr> <td>Marmaton</td> <td>4983' MD</td> <td></td> </tr> <tr> <td>Morrow</td> <td>5525' MD</td> <td></td> </tr> <tr> <td>Mississippian</td> <td>5658' MD</td> <td></td> </tr> </table>	Name	Top	Datum	Council Grove	2760' MD		Toronto	4155' MD		Lansing	4284' MD		Marmaton	4983' MD		Morrow	5525' MD		Mississippian	5658' MD	
Name	Top	Datum																				
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Morrow	5525' MD																					
Mississippian	5658' MD																					

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
Conductor	17-1/2"	13-3/8"	54.5#	98'	Redi-mix	8 yards	
Surface	12-1/4"	8-5/8"	24#	1580'	Class C, 15:85 POZ	1000 sx	2% CaCl, .2% Sodium Metasilicate
Production	7-7/8"	5-1/2"	17#	6202'	HTLD, 50/50 POZ	360 sx	CaCl, KolSeal, Sodium Metasilicate

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				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3 spf	5565'-5572', 5575'-5580'- no frac, 5659'-5668', 5692'-5702'	Frac'd 5659'-5702' w/ 1250 gal 15% NEFE acid, 47, 229 gal foam gel, 158,000 lbs sand	
4 spf	5634'-5635'- squeezed & 4-3/8" Retrievable BP @ 5621'	sqzd w/ 35 sx of 60/40 2% Gel 2# Gilsonite	
2 spf	5761'-5765'- squeezed & 4-3/8" permanent BP @ 5943'	sqzd w/ 30 sx 60/40 POZ 2% Gel 2# Gilsonite & 10 sx H w/2# Gil	
3 spf	5815'-5828', 5840'-5854', 5870'-5875'	Frac- 2000 gals 15% NEFE acid, 77,826 gals foam gel, 122,000 lbs sand	
2 spf	5950'-5954'- squeezed, 5960'-5964'- squeezed	5950'-5954'-sqzd w/ 35sx 60/40 2% Gel 2# Gilsonite, 5960'-5964'-sqzd w/ 65sx cls H	

TUBING RECORD: Size: <u>2-3/8"</u> Set At: <u>5537'</u> Packer At: <u>5537'</u>		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>8/2/2010</u>		Producing Method: <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
Estimated Production Per 24 Hours	Oil Bbls. <u>0</u>	Gas Mcf <u>435</u>
	Water Bbls. <u>0</u>	Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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**BJ Services Company**

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FIELD RECEIPT NO. 1001606400

<b>CUSTOMER</b> Noble Energy - Denver				<b>CREDIT APPROVAL NO.</b> A10011231484	<b>PURCHASE ORDER NO.</b>	<b>CUSTOMER NUMBER</b> 20077336 - 00227588	<b>INVOICE NUMBER</b>		
<b>MAIL INVOICE TO :</b>		<b>STREET OR BOX NUMBER</b> 1625 Broadway Suite 2000		<b>CITY</b> Denver	<b>STATE</b> Colorado	<b>ZIP CODE</b> 80202			
<b>DATE WORK COMPLETED</b>	<b>MO.</b> 04	<b>DAY</b> 28	<b>YEAR</b> 2010	<b>BJ SERVICES REPRESENTATIVE</b> CHAD L WERTZ	<b>WELL API NO:</b>	<b>WELL TYPE :</b> New Well			
<b>BJ SERVICES DISTRICT</b> Perryton				<b>JOB DEPTH (ft)</b> 1,500	<b>WELL CLASS :</b> Gas				
<b>WELL NAME AND NUMBER</b> BLACK #3-15				<b>TD WELL DEPTH (ft)</b>	<b>GAS USED ON JOB :</b> No Gas				
<b>WELL LOCATION :</b>		<b>LEGAL DESCRIPTION</b> Sec 15, 34S, 31W	<b>COUNTY/PARISH</b> Seward	<b>STATE</b> Kansas	<b>JOB TYPE CODE :</b> Surface				
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100020	Class C Cement			sacks	910	✓			
100112	Calcium Chloride			lbs	1844	✓			
100275	Sodium Metasilicate			lbs	111	✓			
100295	Cello Flake			lbs	152	✓			
100317	Poz (Fly Ash)			sacks	91	✓			
488019	FP-6L			gals	9	✓			
488449	Bentonite II			lbs	3304	✓			
499632	Granulated Sugar			lbs	100	✓			
499634	Kol Seal			lbs	1345	✓			
499680	Static Free			lbs	10	✓			
SUB-TOTAL FOR Product Material									

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<b>ARRIVE LOCATION :</b>	<b>MO.</b>	<b>DAY</b>	<b>YEAR</b>	<b>TIME</b>	<b>SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.</b>	<b>SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.</b>		
<b>CUSTOMER REP.</b> EARL BOYD						<b>CUSTOMER AUTHORIZED AGENT</b> X		
<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>						<b>BJ SERVICES APPROVED</b> X <i>[Signature]</i>		
					<b>CUSTOMER AUTHORIZED AGENT</b>			

# HALLIBURTON

## Field Ticket

<i>Field Ticket Number</i> 7356755	<i>Field Ticket Date</i> Friday, May 21, 2010
#2 To NOBLE ENERGY PROD INC EBUSINESS DO NOT MAIL 1600 BROADWAY DENVER, CO 80202	<b style="font-size: 1.5em; transform: rotate(-15deg); display: inline-block;">KCC AUG 23 2010 CONFIDENTIAL</b>
Ship To: NOBLE BLACK 3-15, SEWARD BLACK 3-15 2781039 LIBERAL, KS 67901	Job Name: Cement 5.50' DV Longstring Order Type: Streamline Order (ZOH) Well Name: Black 3-15 Company Code: 1100 Customer PO No.: NA Shipping Point: Liberal, KS, USA Hwy 54 West Sales Office: Mid-Continent BD Well Type: Oil Well Category: Development

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
392189	CMT MULTIPLE STAGES BOM	1	JOB	0.00	0.00	0.00		0.00
2	MILEAGE FOR CEMENTING CREW ZI	40	MI	0.00				
	Number of Units	1						
1	ZI-MILEAGE FROM NEAREST HES BASE /UNIT	40	MI	0.00				
	Number of Units	1						
16093	MSC PUMP CHARGE (1ST STAGE), ZI	1	EA	0.00				
	DEPTH	6200						
	FEET/METERS (FT/M)		FT					
16	MULTIPLE STAGE CEMENTING	1	STG	0.00				
	Number of Units	1						
17	MSC ON SITE,ADD HR,ZI	1	H	0.00				
	Number of Units	1						
141	RCM II W/ADC, /JOB,ZI	1	JOB	0.00				
	NUMBER OF UNITS	1						
132	PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI	1	JOB	0.00				
	NUMBER OF DAYS	1						
74038	ZI PLUG CONTAINER RENTAL-1ST DAY	1	EA	1,322.00				
	DAYS OR FRACTION (MIN1)	1						
76400	ZI MILEAGE,CMT MTLs DEL/RET M#N	20	MI	0.00				
	NUMBER OF TONS	19.08						
3965	HANDLE&DUMP SVC CHRg, CMT&ADDITIVES,ZI	566	CF	0.00				
	NUMBER OF EACH	1						

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Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
100003623	VVG-17-GELLING AGENT	18	LB	0.00				
100064233	KOL-SEAL	1800	LB	0.00				
100003670	HALAD-344	204	LB	0.00				
101007446	D-WR 3000	170	LB	0.00				
12191	SUPERFLUSH 100	1601	GAL	0.00				
100003639	HALLIBURTON SUPER FLUSH	40	SK	0.00				
12402	HTED CEMENT	175	SK	0.00				
101217146	CALSEAL 60	35	SK	0.00				
12308	50-50 POZ. (STANDARD)	185	SK	0.00				
100004895	SHOE.FLOAT.5 1/2 BRD.2 3/4 SUPER SEAL	1	EA	0.00				
100004769	CLR.FLT.5-1/2 BRD.14-23PPF.2-3/4	1	EA	0.00				
100004492	CENTRALIZER ASSY - TURBO - API -	41	EA	0.00				
100004476	CTRZR ASSY.5 1/2 CSG X 7 7/8 B HOLE, MINGED	3	EA	0.00				
100004624	CLAMP - LWMT - 5-1/2 - HINGED -	4	EA	0.00				
100004596	SOCKET, CEM 5 1/2 CSG X 7 7/8 B 3 4 H	2	EA	0.00				
100005045	KIT, HALL WELD-A	3	EA	0.00				
16092	ADDITIONAL HOURS (PUMPING EQUIPMENT), ZI	1	EA	0.00				
	HOURS	17						

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Halliburton Rep: DONALD DEETZ  
Customer Agent:  
Halliburton Approval

Totals USD

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## TREATMENT REPORT

Customer: <b>Noble Energy</b>	Lease No.:	Date: <b>6/14/10</b>
Lease: <b>Black</b>	Well #: <b>3-15</b>	
Field Order #: <b>173 00975</b>	Station: <b>Liberal</b>	Casing: <b>5/2</b>
Type Job: <b>SUREFO 247</b>	Formation:	Depth: <b>3964</b>
		County: <b>Seward</b>
		State: <b>KS</b>
		Legal Description: <b>15-34-31</b>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size: <b>5/2</b>	Tubing Size: <b>2 3/8</b>	Shots/Ft: <b>4</b>		Acid: <b>15.5% "H" @ 15.6%</b>	Max Press: <b>1500</b>	ISIP: <b>250</b>	
Depth: <b>3964</b>	Depth: <b>3964</b>	From: <b>5964</b>	To: <b>5964</b>	Prepac: <b>1.75 cu ft/sk</b>	Min: <b>19 gal/sk</b>		5 Min.
Volume: <b>22.9</b>	Volume: <b>22.9</b>	From: <b>5964</b>	To: <b>5964</b>	Fluid: <b>Fresh</b>	Avg: <b>10 Min.</b>		10 Min.
Max Press: <b>2100</b>	Max Press: <b>2100</b>	From: <b>5964</b>	To: <b>5964</b>	Frac: <b>Fresh</b>			15 Min.
Well Connection: <b>Surface</b>	Annulus Vol.:	From: <b>5964</b>	To: <b>5964</b>	Flush: <b>Fresh</b>	HHP Used:		Annulus Pressure
Plug Depth:	Packer Depth:	From: <b>5964</b>	To: <b>5964</b>		Gas Volume:		Total Load

Customer Representative: <b>Scott</b>	Station Manager: <b>Sally Barnett</b>	Treater: <b>Chad Hinz</b>
Service Units: <b>19886</b>	<b>30163</b>	<b>19843</b>
Driver Names: <b>C. Hinz</b>	<b>R. Olds</b>	<b>J. Martinez</b>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
14:40					on loc, spot trucks, softening
16:30		2500#	14	0	test lines + hq
16:40		750	5	2.3	Est inj. Rate
16:42					mix CC
16:58		900	0	2.3	Freshwater Pad 5 bbl
17:01		750	5	2.3	CC Water Pad 5 bbl
17:05		750	10	2.2	Fresh Pad 5 bbl
17:08		750	15	2.2	Sodium Silicate Pad (12 bbl)
17:12		750	27	2.3	Fresh Pad 5 bbl
17:14		750	32	2.2	CC Water Pad (5 bbl)
17:17		750	37	2.3	Fresh spacer 5 bbl
17:20		750	42	2.3	start mix (6.5% "H" @ 15.6%)
17:26		0	13.6	0	Finish mix
17:29		0	0	3.3	Start Disp.
17:32		200	4	2	Caught Cement
17:40		400-250	22.5	0	Shut down - Tool Job Complete
					Wash up RLL
					Thank You
					Chad + Crew

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TREATMENT REPORT

Customer <i>Noble Energy</i>	Lease No.	Date
Lease <i>Black</i>	Well # <i>3-15</i>	<i>6-17-10</i>
Field Order # <i>11110616</i>	Station <i>Liberal</i>	Casing <i>5 1/2</i>
Type Job <i>2117 5 1/2 Squeeze</i>	Formation	Legal Description <i>15-34-31</i>
	Depth	County <i>Seward</i>
		State <i>Ks</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft				RATE	PRESS	ISIP
			<i>8 3/4 Premium Noct</i>	<i>Acid</i>				
Depth	Depth	From	<i>1.83</i>	<i>Pre Pad</i>	<i>10.13-11.13</i>	<i>Max</i>		<i>5 Min.</i>
Volume	Volume	From	<i>50</i>	<i>50/100 Pz</i>	<i>67% C-15, 27% Gel, 2 1/2% Gels</i>	<i>Min</i>		<i>10 Min.</i>
Max Press	Max Press	From	<i>1.64</i>	<i>Fac</i>	<i>2.34</i>	<i>Avg</i>		<i>15 Min.</i>
Well Connection	Annulus Vol.	From				<i>HHP Used</i>		<i>Annulus Pressure</i>
Plug Depth	Packer Depth	From				<i>Gas Volume</i>		<i>Total Load</i>

Customer Representative <i>Boomer</i>	Station Manager <i>J. Bennett</i>	Treater <i>M. Cochran</i>
Service Units <i>21755 21758 17553 17817 17516</i>		
Driver Names <i>Cochran T. Gibson J. Martinez</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>08:45</i>					<i>RECEIVED on Loc. / Hold Safety Meeting</i>
<i>09:30</i>					<i>AUG 23 2010 H2O on Loc.</i>
					<i>Ret. Set @ 5926'</i>
<i>10:13</i>	<i>0</i>	<i>2500</i>			<i>KCC WICHITA Test Pump Lines + Tubing</i>
<i>10:24</i>		<i>2200</i>	<i>18</i>	<i>4</i>	<i>String in + Get injection Rate <sup>Best</sup></i>
<i>12:12</i>		<i>1200</i>	<i>8</i>	<i>3</i>	<i>String out + Get injection Rate <sup>T.P.</sup></i>
					<i>Order Cont</i>
<i>14:50</i>					<i>Cont on Loc.</i>
<i>15:20</i>		<i>1400</i>	<i>5</i>	<i>2</i>	<i>Get injection Rate Through Ret.</i>
<i>15:26</i>		<i>1000</i>	<i>1.6</i>	<i>2</i>	<i>Start Lead Cont 53K @ 15'</i>
<i>15:27</i>		<i>900</i>	<i>7</i>	<i>2</i>	<i>Start Tail Cont 253K @ 15'</i>
<i>15:34</i>					<i>Shutdown + Wetsh up</i>
<i>15:38</i>		<i>0</i>	<i>0</i>	<i>2</i>	<i>Start Disp.</i>
<i>15:54</i>		<i>1100</i>	<i>29.5</i>	<i>0</i>	<i>Shutdown + String out w/1000'</i>
<i>16:00</i>					<i>Rig tripping out of Hole</i>
					<i>Pickup PKR + Trip in Hole</i>
					<i>Set PKR @ 5532'</i>
<i>18:54</i>	<i>500</i>				<i>Load D.S. w/ 500'</i>
<i>18:56</i>	<i>0</i>	<i>1000</i>	<i>4</i>	<i>2</i>	<i>Get injection Rate</i>
<i>19:01</i>	<i>0</i>	<i>1000</i>	<i>1.6</i>	<i>2</i>	<i>Start Lead Cont 53K @ 15'</i>

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## TREATMENT REPORT

Customer	Noble Energy	Lease No.		Date	6-22-10
Lease	Black	Well #	3-15		
Field Order #	17110000	Station	Liberal	Casing	5 7/8
				Depth	5740
Type Job	247 5 1/4 Injection	Formation		County	Sevier
				State	Ks
				Legal Description	15 34 31

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	5 7/8	Tubing Size	2 3/8	Shots/Ft	5th Premium	Acid	1.23 gal/sk 10.13 gal/sk
Depth	5745	Depth	441	From	10' to 40'	Pre Pad	Max 67 @ 15'
Volume	59	Volume	274	From	1.6' to 1/4" k	Pad	Min 13 # gal
Max Press		Max Press		From	10' to 40'	Frac	Avg 17 # bitcourse
Well Connection		Annulus Vol.		From	1.0' to 1/4" k	HTP Used	11.47 gal
Plug Depth		Packer Depth		From		Flush	Gas Volume
				To			Total Load

Customer Representative	Boomer	Station Manager	J. Bennett	Treater	M. Cochran
Service Units	21755	27200	15829	19516	
Driver Names	Cochran	T. Johnson	V. Vazquez		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
09:00					on loc. with Safety Meeting
09:47		2500			Ret. @ 5740' Perf. @ 5741-65'
09:48		2500			Test Pump + Lines
09:49		2500			Test Tubing
	500				String in Ret.
09:52	5	1700	14	2	Get injection Rate
<del>10:16</del>		1700	3	2	Start Lead Cont. Take 15'
10:18		1700	3	2	Start Tail Cont + 10' k @ 13'
10:20			4	2	Start Tail Cont + 10' k @ 16.5'
10:25					Shutdown + Washup
10:33		100	4	1.5	Start + Disp. with fresh 40
10:48	500	1300	21	3	Slow Rate
10:51	500	0	21.7	0	Shutdown + String out
10:55	2000	2000			Test Csg.
11:00					End Job

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Thanks for  
calling BASIC.  
Mickey + Crew



# BASIC

energy services, L.P.

KCC

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TREATMENT REPORT

Customer: <b>Noble Energy</b>	Lease No.:	Date: <b>6/25/10</b>
Lease: <b>Black</b>	Well #: <b>3-15</b>	<b>CONFIDENTIAL</b>
Field Order #:	Station: <b>Liberal</b>	Casing:
Type Job: <b>2000070. 247</b>	Depth:	County: <b>Seward</b>
	Formation:	State: <b>KS</b>
	Legal Description: <b>15-240-31W</b>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size: <b>5 1/2</b>	Tubing Size: <b>2 3/8</b>	Shots/Ft:	Acid: <b>60/40 POZ</b>	RATE: <b>2</b>	PRESS: <b>75</b>	ISIP: <b>660 (15)</b>	
Depth: <b>5715</b>	Depth: <b>5782</b>	From: <b>5715</b>	To: <b>5782</b>	Pre Pad:	Max:	5 Min.	
Volume: <b>22.3</b>	Volume: <b>22.3</b>	From:	To: <b>5785</b>	Pad:	Min:	10 Min.	
Max Press:	Max Press:	From:	To:	Frac:	Avg:	15 Min.	
Well Completion: <b>2 1/2" ID</b>	Annulus Vol.:	From:	To:	HHP Used:		Annulus Pressure:	
Plug Depth: <b>20.5782</b>	Plug Depth: <b>20.5782</b>	From:	To:	Flush: <b>Fresh</b>	Gas Volume:	Total Load:	

Customer Representative: <b>COENIG</b>	Station Manager: <b>Sam Bennett</b>	Treater: <b>Chad Hine</b>
Service Units: <b>1988</b>	<b>35163 19843</b>	<b>14355 19857</b>
Driver Names: <b>CHINE</b>	<b>M. STEVENS</b>	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
08:30					on loc., spot truck, safety
08:00	0		25	.8	Load b.s.
08:28	500		90	.8	Loaded Circ out floq.
08:33	300-400		97	1.3	Bring up Rate.
08:37	0		100	0	Shut Down
					Took w/ Racker Run in Retainer
12:30		2500			Test Retainer
12:38		400	5	1.5	inj Rate
12:41		900	0	1.8	Start mix 60/40 POZ @ 15
12:54		0	6	2.2	Finish mix
17:55		0	0	2.4	Start Diso
13:17		2200	21.5	0	Shut Down, string out
13:18					Took
13:20					Wash UP
					Job Complete
					Thank You
					Chad Hine

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**BASIC**  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd.  
P.O. Box 129  
Liberal, Kansas 67805  
Phone 620-624-2257

FIELD SERVICE TICKET  
1717 00857 A

**CONFIDENTIAL**  
AUG 23 2010

DATE OF JOB: 6/25/10 DISTRICT: 1717 DATE: AUG 23 2010 TICKET NO. 1717 00857 A

NEW WELL  OLD WELL  PROD  INJ  WDW  CUSTOMER ORDER NO.:

CUSTOMER: Noble Energy LEASE: Black 3-15 WELL NO.:

ADDRESS: COUNTY: Seward STATE: KS

CITY: STATE: SERVICE CREW: Michael, Rance

AUTHORIZED BY: Tuce Davis JRB JOB TYPE: SGOCCED 247

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	TIME
19855	4						6/25	5:00
						ARRIVED AT JOB		6:30
30463	4					START OPERATION		8:00
19843	4					FINISH OPERATION		11:20
14355	2					RELEASED		2:00
14234	2					MILES FROM STATION TO WELL		10

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: *[Signature]*  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CL103	60/40 POZ	SK	20		
CC124	FLA-115	lb	11		
CC201	Gilsonite	lb	40		
F101	Heavy Equip. Mileage	mi	20		
CE240	Blending + mixing Chem	SK	20		
F113	Bulk Delivery	hr	9		
CE206	Depth Charge 500' to 600'	4hr	1		
F100	Pickup Mileage	mi	10		
5003	Service Supervisor	EA	1		

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CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON S	
MATERIALS	%TAX ON S	
TOTAL		

SERVICE REPRESENTATIVE: *Chuck Hinz* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*

FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)