

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACG-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 31389Name: Noble Petroleum Inc.Address 3101 North Rock Road - Suite 125City/State/Zip Wichita Kansas 67226Purchaser: KochOperator Contact Person: Jay AblahPhone (316) 636-2222Contractor: Name: Duke Drilling Co., Inc.License: 5929Wellsite Geologist: Gerald D. Honas

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☒ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.☐ Gas ☐ ENHR ☐ SIGW☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PSTD☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) ☐ Docket No. _____01-20-95
Spud Date01-28-95
Date Reached TD2-11-95
Completion DateAPI NO. 15- 135-238580000County Ness County, KansasE/2 - SW - NW - NW Sec. 27 Twp. 18S Rge. 26W990 Feet from S(18) (circle one) Line of Section480 Feet from E(18) (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, (18) or SW (circle one)Lease Name Johnson Well # 1Field Name WildcatProducing Formation Mississippi DolomiteElevation: Ground 2531 KB 2540Total Depth 4443' PSTD _____Amount of Surface Pipe Set and Cemented at 266.4 FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 1864 FeetIf Alternate II completion, cement circulated from 1864'
feet depth to surface w/ 350 sz cmt.Drilling Fluid Management Plan ALT 2 JH 12-29-95
(Data must be collected from the Reserve Pit)Chloride content 22,000 ppm Fluid volume 1,000 bblsDewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. Twp. S Rng. E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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.

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 _____

Title PresidentDate 03/22/95Subscribed and sworn to before me this 23rd day of March19 95

Notary Public _____

Date Commission Expires 12-8-97

VIRGINIA L. ABLAH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 12-8-97

K.C.C. OFFICE USE ONLY

F ☒ Letter of Confidentiality Attached
C ☒ Wireline Log Received
C ☒ Geologist Report Received

Distribution
☒ KCC ☐ SWD/Rep ☐ NSPA
☐ KGS ☐ Plug ☐ Other
(Specify)

Operator Name Nobel Petroleum Inc.Lease Name JohnsonWell # 1

JAN 10 1995

☐ EastCounty Ness County, KansasSec. 27 Twp. 18S Rge. 26☒ West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken
(Attach Additional Sheets.)☒ Yes ☐ No☐ Log Formation (Top), Depth and Datum ☐ Sample

Samples Sent to Geological Survey

☒ Yes ☐ No

Cores Taken

☐ Yes ☒ NoElectric Log Run
(Submit Copy.)☒ Yes ☐ No

List All E.Logs Run:

Dual Ind. Comp.
Neu. - Dens. Sonic

Name	Top	Datum
Anhydrite	1829	+711
Base Anhydrite	1863	+677
Heebner	3791	-1251
Toronto	3806	-1266
Lansing	3828	-1288
Base Ks. City	4188	-1648
Ft. Scott	4338	-1798
Mississippi	4437	-1897

CASING RECORD

☐ New ☒ Used

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

Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 $\frac{1}{2}$	8-5/8"	23#	266.40	60/40 Poz	160	3%ee 2%gel
Production	12 $\frac{1}{2}$	5-1/2"	14#	4438'	60/40 Poz	350	10% salt

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ 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
		15% MCA ACID 500 gal Pen 88 $\frac{1}{2}$ gal	4441-4446
	4438'-4443' OPEN HOLE	& HA-85m $\frac{1}{2}$ gal	

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
	2-7/8"				
Date of First, Resumed Production, SWD or Inj.	Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)				
02-18-95 first production					
Estimated Production Per 24 Hours	Oil 50 Bbls.	Gas	Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

☒ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

4438' - 4443'

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Drill-Stem Test Data 15-135-23858

Well Name JOHNSON #1 Test No. 1 Date 1/26/95
Company NOBEL PETROLEUM, INC. Zone MISSISSIPPI
Address 3101 N. ROCK ROAD #125, WICHITA, KS 67226 Elevation 2531
Co. Rep./Geo. JERRY HONAS Cont. DUKE #4 Est. Ft. of Pay 3
Location: Sec. 27 Twp. 18S Rge. 26W Co. NESS State KS

Interval Tested 4417-4443
Anchor Length 26
Top Packer Depth 4412
Bottom Packer Depth 4417
Total Depth 4443

Drill Pipe Size 4.5" XH
Wt. Pipe I.D. - 2.7 Ft. Run _____
Drill Collar - 2.25 Ft. Run _____
Mud Wt. 9.4 lb/Gal.
Viscosity 45 Filtrate 8.8

Tool Open @ 7:15PM Initial Blow INCH BLOW, BUILT TO BOTTOM OF BUCKET IN 15 MINUTES.

(1" BLOW ON SHUT IN).

Final Blow SURFACE BLOW, BUILDING TO BOTTOM OF BUCKET IN 20 MINUTES.

Recovery - Total Feet 540 Flush Tool? NO

Rec. 420 Feet of GAS IN PIPE
Rec. 480 Feet of CLEAN GASSY OIL. 10% GAS; 90% OIL.
Rec. 60 Feet of GASSY MUD CUT OIL. 20% GAS; 50% OIL; 30 % MUD.
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 126 °F Gravity 38 °API @ 70 °F Corrected Gravity 37 °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud 2187.70 PSI AK1 Recorder No. 22150 Range 3925

(B) First Initial Flow Pressure 68.00 PSI @ (depth) 4420 w / Clock No. 22339

(C) First Final Flow Pressure 121.70 PSI AK1 Recorder No. 24174 Range 3050

(D) Initial Shut-in Pressure 1232.50 PSI @ (depth) 4437 w / Clock No. 23839

(E) Second Initial Flow Pressure 156.10 PSI AK1 Recorder No. _____ Range _____

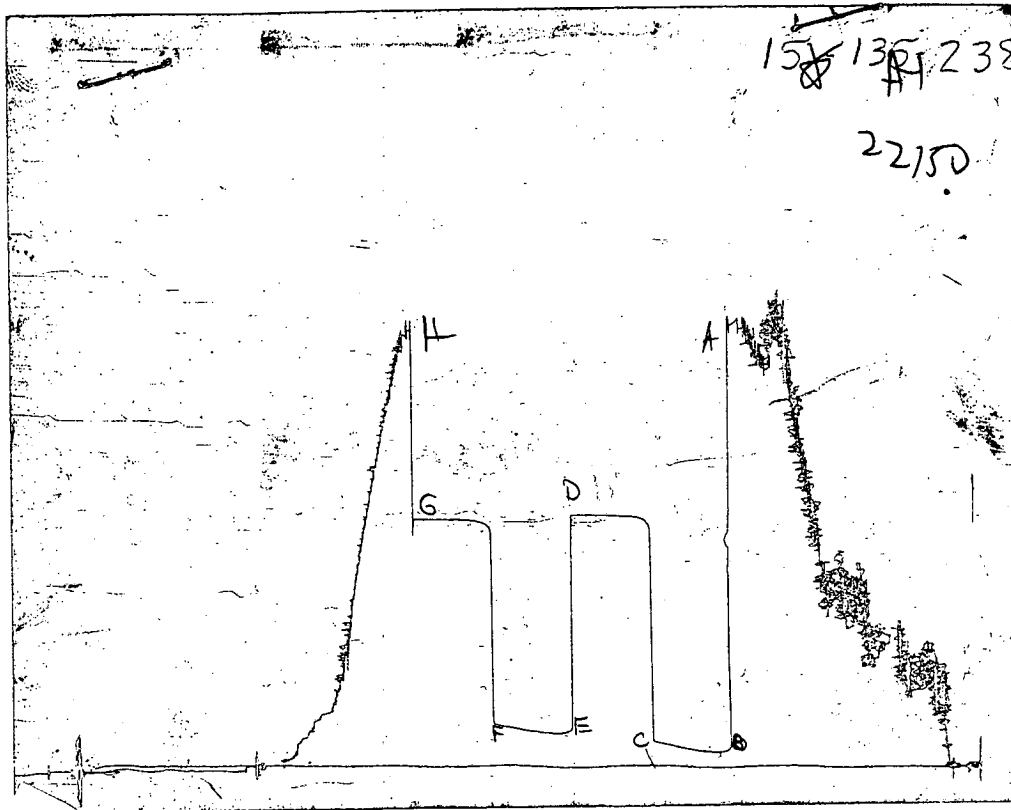
(F) Second Final Flow Pressure 204.00 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 1213.00 PSI Initial Opening 60 Final Flow 60

(H) Final Hydrostatic Mud 2161.60 PSI Initial Shut-in 60 Final Shut-in 60

Our Representative PAUL SIMPSON

CHART PAGE



This is an actual photograph of an AK1 recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2241	2187.70
(B) FIRST INITIAL FLOW PRESSURE	58	68.00
(C) FIRST FINAL FLOW PRESSURE	105	121.70
(D) INITIAL CLOSED-IN PRESSURE	1235	1232.50
(E) SECOND INITIAL FLOW PRESSURE	153	156.10
(F) SECOND FINAL FLOW PRESSURE	192	204.00
(G) FINAL CLOSED-IN PRESSURE	1216	1213.00
(H) FINAL HYDROSTATIC MUD	2211	2161.60

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

ORIGINAL No 7821

Well Name & No. <u>Johnson #1</u>	Test No. <u>1</u>	Date <u>1-26-94</u>
Company <u>Nobel Petroleum, Inc</u>	Zone Tested <u>MDS</u>	
Address <u>3101 N Rock Rd #125 Wichita KS 67226</u>	Elevation <u>2531.62</u>	
Co. Rep./Geo. <u>Jerry Hodge</u>	Cont. <u>Duke #4</u>	Est. Ft. of Pay <u>3</u>
Location: Sec. <u>27</u>	Twp. <u>18S</u>	Rge. <u>26W</u>
Co. <u>Noss</u>	State <u>Ks</u>	
No. of Copies <u>5</u>	Distribution Sheet <u>Yes</u>	No Turnkey <u>X</u> Yes <u> </u> No <u> </u> Evaluation <u> </u>

Interval Tested <u>4417-4443</u>	Drill Pipe Size <u>4 1/2 VA</u>
Anchor Length <u>26</u>	Top Choke — 1" Bottom Choke — 3/4"
Top Packer Depth <u>4412</u>	Hole Size — 7 7/8" Rubber Size — 6 3/4"
Bottom Packer Depth <u>4417</u>	Wt. Pipe I.D. — 2.7 Ft. Run
Total Depth <u>4443</u>	Drill Collar — 2.25 Ft. Run
Mud Wt. <u>9.4</u> lb/gal.	Viscosity <u>45</u> Filtrate <u>808</u>
Tool Open @ <u>2:15 PM</u>	Initial Blow <u>1" blow built to bottom of bucket in 15 minutes (1" blow on shut-in)</u>
Final Blow <u>surface blow building to bottom of bucket in 20 minutes</u>	
Recovery — Total Feet <u>540</u>	Feet of Gas in Pipe <u>420</u> Flush Tool? <u> </u>
Rec. <u>480</u> Feet Of <u>cl gas (40)</u>	10 %gas 90 %oil %water %mud
Rec. <u>60</u> Feet Of <u>gas MCD</u>	20 %gas 50 %oil %water 30 %mud
Rec. <u> </u> Feet Of <u> </u>	%gas %oil %water %mud
Rec. <u> </u> Feet Of <u> </u>	%gas %oil %water %mud
Rec. <u> </u> Feet Of <u> </u>	%gas %oil %water %mud
BHT <u>126</u> °F Gravity <u>38</u>	°API @ <u>70</u> °F Corrected Gravity <u>37</u> °API
RW <u> </u> @ <u> </u> °F Chlorides <u> </u> ppm Recovery Chlorides <u> </u> ppm System	
(A) Initial Hydrostatic Mud <u>1225 2241</u>	PSI AK1 Recorder No. <u>22150</u> Range <u>3925</u>
(B) First Initial Flow Pressure <u>58</u>	PSI @ (depth) <u>4420</u> w/Clock No. <u>22339</u>
(C) First Final Flow Pressure <u>105</u>	PSI AK1 Recorder No. <u>24174</u> Range <u>3650</u>
(D) Initial Shut-In Pressure <u>1235</u>	PSI @ (depth) <u>4437</u> w/Clock No. <u>23839</u>
(E) Second Initial Flow Pressure <u>153</u>	PSI AK1 Recorder No. <u> </u> Range <u> </u>
(F) Second Final Flow Pressure <u>192</u>	PSI @ (depth) <u> </u> w/Clock No. <u> </u>
(G) Final Shut-In Pressure <u>1216</u>	PSI Initial Opening <u>60</u> Test <u> </u>
(H) Final Hydrostatic Mud <u>2211</u>	PSI Initial Shut-In <u>60</u> Jars <u> </u>

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF 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 STATEMENTS OR OPINION CONCERNING THE RESULTS 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.

Final Flow <u>60</u>	Safety Joint <u> </u>
Final Shut-In <u>60</u>	Straddle <u> </u>
	Circ. Sub <u> </u>
	Sampler <u> </u>
	Extra Packer <u> </u>
	Other <u> </u>
	TOTAL PRICE \$ <u> </u>

Approved By Paul Simpson

Our Representative Paul Simpson

DEC 29 '95 11:26 ALLIED GREAT BEND

ALLIED CEMENTING CO., INC.

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

SERVICE POINT: Neos City

DATE <u>1-20-95</u>	SEC <u>27</u>	TWP <u>18</u>	RANGE <u>26</u>	CALLED OUT <u>5:45 PM</u>	ON LOCATION <u>7:30 PM</u>	JOB START <u>12:01 AM</u>	JOB FINISH <u>12:15 AM</u>
LEASE <u>Johnson</u>	WELL # <u>1</u>	LOCATION <u>Bokeh 3/4 N</u>			COUNTY <u>Neos</u>	STATE <u>Ks</u>	

OLD OR NEW (Circle one)

CONTRACTOR Duke
 TYPE OF JOB Cement
 HOLE SIZE 12 1/2" T.D.
 CASINO SIZE 8 3/4" DEPTH 266.40'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15'
 PERFS.

OWNER Neos City
CEMENT

AMOUNT ORDERED 160 bbl x 22.3

COMMON 9/6 @
 POZMIX 24 @
 GEL 3 @
 CHLORIDE 5 @

EQUIPMENT

PUMP TRUCK CEMENTER Mike Mason
 # 224 HELPER Bob Norton
 BULK TRUCK
 # 116 DRIVER Bill
 BULK TRUCK
 # DRIVER

HANDLING 160 bbl @
 MILEAGE 15

TOTAL

REMARKS:

Ream logs 8 3/4" 23" casing - back line
with log - cemented with 160 bbl x 22.3
Displaced with 16 bbl - fresh water. Cement
did circulate.
Thank you
Allied Cementing
Mike, Bob, Bill

SERVICE

DEPTH OF JOB 0-300'
 PUMP TRUCK CHARGE
 EXTRA FOOTAGE @
 MILEAGE 15 @
 PLUG TWP - 3 3/4 @

TOTAL

CHARGE TO: Duke Drilling Co. Inc.
 STREET Box 823
 CITY Great Bend STATE Ks ZIP 67530

FLOAT EQUIPMENT

@
 @
 @
 @
 @

TOTAL

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

SIGNATURE Rich Wheeler

RECEIVED
STATE CORPORATION COMMISSION

JAN 02 1996

GOING
WICHITA, KANSAS

ORIGINAL

INVOICE


 REMIT TO:
 P.O. BOX 951046
 DALLAS, TX 75395-1046

INVOICE NO.	DATE
599578	01/28/1995

WELL/LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
JOHNSON 1		NESS		KS	SAME
SERVICE LOCATION	CONTRACTOR		JOB PURPOSE		TICKET DATE
AYS	DUKE DRILLING RIG #4		CEMENT PRODUCTION CASING		01/28/1995
ACCT. NO.	CUSTOMER/AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
31091	GARY SHARP			COMPANY TRUCK	84822

DIRECT CORRESPONDENCE TO:

 NOBLE PETROLEUM, INC.
 3101 N. ROCK ROAD
 SUITE 125
 WICHITA, KS 67226

 OKLAHOMA TOWER
 210 WEST PARK AVENUE
 SUITE 2000
 OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	80 MI		2.75	220.00
		1 UNT			
001-016	CEMENTING CASING	4444 FT		1,670.00	1,670.00
		1 UNT			
007-161	MULT STAGE CEMENTING-ADD STAGE	1 STG		1,400.00	1,400.00
		1 UNT			
018-317	SUPER FLUSH	12 SK		100.00	1,200.00
314-163	CLAYFIX II	2 GAL		28.00	56.00
26	INSERT VALVE F. S.- 5 1/2" 8RD	1 EA		350.00	350.00
847.6318					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1 EA		55.00	55.00
815.19311					
40	CENTRALIZER-S-1/2 X 8-1/2	7 EA		60.00	420.00
806.60022					
320	CEMENT BASKET 5 1/2"	2 EA		110.00	220.00
800.8883					
71	CEMENTER-TYPE P ES 5-1/2 8RD	1 EA		2,450.00	2,450.00
813.56325					
75	PLUG SET - FREE FALL - 2-STAGE	1 EA		460.00	460.00
813.16510					
504-308	CEMENT - STANDARD	75 SK		7.82	586.50
504-316	CEMENT - HALL. LIGHT STANDARD	350 SK		7.37	2,579.50
504-136	CEMENT - 40/60 POZMIX STANDARD	135 SK		6.57	886.95
506-121	HALLIBURTON-GEL 2%	200 LB		.00	N/C
509-968	SALT	650 LB		.15	97.50
507-775	HALAD-322	82 LB		7.00	574.00
507-210	FLOCELE	106 LB		1.65	174.90
508-291	GILSONITE BULK	675 LB		.40	270.00
500-207	BULK SERVICE CHARGE	591 CFT		1.35	797.85
500-306	MILEAGE CMTG MAT DEL OR RETURN	1004.520 TMI		.95	954.29

***** CONTINUED ON NEXT PAGE *****

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

ORIGINAL

INVOICE



REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE NO.	DATE
599578	01/28/1995

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER	
JOHNSON 1		NESS		KS	SAME	
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE	
YS		DUKE DRILLING RIG #4	CEMENT PRODUCTION CASING		01/28/1995	
CCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER		SHIPPED VIA	FILE NO.
1091	GARY SHARP				COMPANY TRUCK	84822

NOBLE PETROLEUM, INC.
3101 N. ROCK ROAD
SUITE 125
WICHITA, KS 67226

DIRECT CORRESPONDENCE TO:
OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	INVOICE SUBTOTAL				15,422.49
	DISCOUNT- (BID)				3,855.59-
	INVOICE BID AMOUNT				11,566.90
	*-KANSAS STATE SALES TAX				396.14
	*-HAYS CITY SALES TAX				80.86

	INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>				\$12,043.90

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