

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 31652
Name: Norstar Petroleum Inc
Address: 5 Inverness Drive East, Suite 120
City/State/Zip: Englewood, CO 80112
Purchaser: NCRA
Operator Contact Person: Per Burchardt
Phone: (.303.) 925-0696
Contractor: Name: Murfin Drilling Company, Inc.
License: 30606
Wellsite Geologist: John R. Rose

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, 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./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

<u>1/25/02</u>	<u>2/2/02</u>	<u>2/2/02</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 135-24173-0000
County: Ness
NE SWSE Sec. 27 Twp. 20 S. R. 23 East West
1230 feet from (S) / N (circle one) Line of Section
1750 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Harkness Well #: 1
Field Name: Reinert
Producing Formation: D&A
Elevation: Ground: 2212 Kelly Bushing: 2217
Total Depth: 4460 Plug Back Total Depth: 0
Amount of Surface Pipe Set and Cemented at 289 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 Well P+A 6-14-02
(Data must be collected from the Reserve Pit)
Chloride content 19,600 ppm Fluid volume 1100 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

RECEIVED
MAR 12 2002
KCC WICHITA

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.

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: PRESIDENT Date: 3/6/02
Subscribed and sworn to before me this 6th day of March, 2002
Notary Public: [Signature]
Date Commission Expires: 4/5/03

KCC Office Use ONLY
NOV Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

CLARK D. PARROTT
NOTARY PUBLIC
STATE OF COLORADO

IOG

X

Operator Name: Norstar Petroleum Inc Lease Name: Harkness Well #: 1
 Sec. 27 Twp. 20 S. R. 23 East West County: Ness

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 copy of all Electric Wireline 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 <i>(Submit Copy)</i> List All E. Logs Run: DST #1 4298-4375, 30-45-30-45 FP 21-33, 35-44 SIP 1168, 1091 Rec 5' CO, 55' DM DIL, CNL/FDL DST #2 4298-4385, 30-60-45-90 FP 296-1075, 1110-1337 SIP 1345, 1356 Rec 3000' SW	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1424</td> <td>793</td> </tr> <tr> <td>Heebner</td> <td>3678</td> <td>-1461</td> </tr> <tr> <td>Lansing</td> <td>3726</td> <td>-1509</td> </tr> <tr> <td>Ft. Scott</td> <td>4250</td> <td>-2033</td> </tr> <tr> <td>Cherokee sd</td> <td>4364</td> <td>-2147</td> </tr> <tr> <td>Mississippi</td> <td>4417</td> <td>-2200</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Anhydrite	1424	793	Heebner	3678	-1461	Lansing	3726	-1509	Ft. Scott	4250	-2033	Cherokee sd	4364	-2147	Mississippi	4417	-2200
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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	20	289	common	185	3% cc, 2% gel

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

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Sumit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Duely Comp. <input type="checkbox"/> Gommigled <input type="checkbox"/> Other (Specify) _____	_____

ALLIED CEMENTING CO., INC. 08516

Federal Tax I.D.#

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

ORIGINAL
Great Bend

DATE <i>2-1-02</i>	SEC. <i>27</i>	TWP. <i>20S</i>	RANGE <i>23 W</i>	CALLED OUT <i>4:30 pm</i>	ON LOCATION <i>8:00 pm</i>	JOB START <i>9:15 pm</i>	JOB FINISH <i>11:00 pm</i>
LEASE <i>Hackness</i>		WELL # <i>#1</i>	LOCATION <i>Ness City - 12 1/2 South -</i>		COUNTY <i>Ness</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one) <u>NEW</u>			<i>3 East - North into</i>				

CONTRACTOR *Murkin #1/2*

TYPE OF JOB *Rotary Plug*

HOLE SIZE *7 7/8* T.D. *4460*

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER *Norstar Pet. Inc*

CEMENT AMOUNT ORDERED *215 sy 60/40 62 gal*

COMMON	<i>129.44</i>	@	<i>6.65</i>	<i>857.75</i>
POZMIX	<i>86.44</i>	@	<i>3.55</i>	<i>305.30</i>
GEL	<i>11.44</i>	@	<i>10.00</i>	<i>110.00</i>
CHLORIDE		@		
		@		
		@		
		@		
		@		
HANDLING	<i>226.44</i>	@	<i>1.10</i>	<i>249.60</i>
MILEAGE	<i>226.04</i>	@	<i>15</i>	<i>135.60</i>

EQUIPMENT

PUMP TRUCK CEMENTER *Jack*

120 HELPER *T.D.*

BULK TRUCK DRIVER *Steve*

341 DRIVER _____

BULK TRUCK DRIVER _____

TOTAL ~~1657.35~~
1657.35

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MAR 12 2002

REMARKS:

1st plug @ 1436' with 50 sy cement

2nd plug @ 750' with 80 sy cement

3rd plug @ 300' with 50 sy cement

4th plug @ 40' with 10 sy cement

Backhoe 15 sy cement

House hole 10 sy cement

SERVICE

DEPTH OF JOB	<i>1436'</i>		
PUMP TRUCK CHARGE			<i>520.00</i>
EXTRA FOOTAGE		@	
MILEAGE	<i>Ness 15</i>	@	<i>300</i>
PLUG	<i>1-8 7/8 DHP</i>	@	<i>23.00</i>
		@	
		@	

TOTAL *588.00*

CHARGE TO: *Norstar Pet. Inc*

STREET *Silverness Drive East Suite 120*

CITY *Empire* STATE *CO* ZIP *80112*

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.

TAX ~~100.00~~

TOTAL CHARGE ~~2400.00~~

DISCOUNT ~~2200.00~~ IF PAID IN 30 DAYS

SIGNATURE *Bill Wynn* **THANKS** *Bill Wynn* PRINTED NAME

ALLIED CEMENTING CO., INC. 08839

Federal Tax I.D.#

ORIGINAL

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

SERVICE POINT:
GREAT BEND

DATE <u>01-25-02</u>	SEC. <u>27</u>	TWP. <u>20S</u>	RANGE <u>23W</u>	CALLED OUT <u>4:00/PM</u>	ON LOCATION <u>6:45/P</u>	JOB START <u>8:00/PM</u>	JOB FINISH <u>8:30/PM</u>
LEASE <u>Harp Ness</u>		WELL # <u>1</u>	LOCATION <u>12 1/2 S 3E No. into</u>			COUNTY <u>NESS</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)							

CONTRACTOR MURFIN DRILL CO # 16 OWNER NORTHSTAR PETR. INC.

TYPE OF JOB _____

HOLE SIZE 12 1/4" T.D. 290'

CASING SIZE 8 5/8" DEPTH 289'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX 250 MINIMUM 150

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15/20'

PERFS. _____

DISPLACEMENT 17.5 BLS

CEMENT AMOUNT ORDERED 185sx COMMON 3% GEL 2% GEL

COMMON	<u>185 sx</u>	@	<u>6.65</u>	<u>1230.25</u>
POZMIX		@		
GEL	<u>300L</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE	<u>604</u>	@	<u>30.00</u>	<u>180.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>194.44</u>	@	<u>1.10</u>	<u>213.10</u>
MILEAGE	<u>194.04</u>	@	<u>15</u>	<u>116.40</u>

EQUIPMENT

PUMP TRUCK CEMENTER BUD

120 HELPER JD

BULK TRUCK

342 DRIVER LOUDE

BULK TRUCK

_____ DRIVER _____

TOTAL 1770.05

REMARKS:

RAN 289' 8 5/8" CSG. BROKE CALCULATION w/PG.

MIXED 185sx COMMON 3% GEL 2% GEL. DEKAGED PLUG w/ 17.5 BLS.

CEMENT CALCULATED ✓

THANKS FOR ALLIED

SERVICE

DEPTH OF JOB	<u>289'</u>		
PUMP TRUCK CHARGE			<u>520.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>N-Gty 15</u>	@	<u>3000</u>
PLUG	<u>1-Top 8 5/8" Wood</u>	@	<u>45.00</u>
		@	
		@	

TOTAL 610.00

CHARGE TO: NORTHSTAR PETROLEUM INC.

STREET 5101 E. WESS DR. EAST SUITE 120

CITY ENGLEWOOD STATE COLO. ZIP 80112

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.

TAX _____

TOTAL CHARGE 2380.05

DISCOUNT 238.01 IF PAID IN 30 DAYS
NET 2142.04

SIGNATURE Bill Wynn

THANKS

Bill Wynn
PRINTED NAME