

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

API NO. 15- 039-20925-0000 ORIGINAL

County Decatur  
Approx. -S/2-SW-SW Sec. 20 Twp. 2-S Rge. 26- X<sup>E</sup>W

Operator: License # 31956

440 Feet from (S) (circle one) Line of Section

Name: Dark Horse Oil Company

1610 Feet from (W) (circle one) Line of Section

Address 34861 Forest Park Drive

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or (SW) (circle one)

City/State/Zip Elizabeth, CO 80107

Lease Name Herb Shirley Well #: 1-20

Purchaser: \_\_\_\_\_

Field Name \_\_\_\_\_

Operator Contact Person: Douglas C. Frickey

Producing Formation \_\_\_\_\_

Phone (800) 876-4482

Elevation: Ground 2625 ft. KB 2630 ft.

Contractor: Name: Murfin Drilling Company

Total Depth 3798 ft. PBDT 3798 ft.

License: 30606

Amount of Surface Pipe Set and Cemented at 302 Feet

Wellsite Geologist: Paul M. Gunzelman

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion

If yes, show depth set \_\_\_\_\_ Feet

X New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover

If Alternate II completion, cement circulated from \_\_\_\_\_

\_\_\_\_\_ Oil \_\_\_\_\_ SWD \_\_\_\_\_ SLOW \_\_\_\_\_ Temp. Abd.

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

\_\_\_\_\_ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW

X Dry \_\_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc)

Drilling Fluid Management Plan P-1A OR 10-B OR  
(Data must be collected from the Reserve Pit)

If Workover/Reentry: Old Well Info as follows:

Chloride content 1100 ppm Fluid volume 375 bbls

Operator: \_\_\_\_\_

Dewatering method used Evaporation

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

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

\_\_\_\_\_ Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Inj/SWD

\_\_\_\_\_ Plug Back \_\_\_\_\_ PBDT

\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_

\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_

\_\_\_\_\_ Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License NO. \_\_\_\_\_

8/12/2002 8/17/2002 8-17-02

Spud Date Date Reached TD Completion Date

Quarter Sec. Twp. S Rge. E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

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 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.

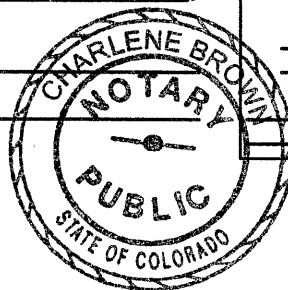
Signature \_\_\_\_\_

Title President Date 10/04/02

Subscribed and sworn to before me this 4th day of October, 2002.

Notary Public Charlene Brown

Date Commission Expires \_\_\_\_\_ My Commission Expires February 27, 2006



K.C.C. OFFICE USE ONLY  
F  NO Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
\_\_\_\_\_ KCC \_\_\_\_\_ SWD/Rep \_\_\_\_\_ NGPA  
\_\_\_\_\_ KGS \_\_\_\_\_ Plug \_\_\_\_\_ Other (Specify)

10-7-2002



Operator Name Dark Horse Oil Company Lease Name Herb Shirley Well # 1-20

Sec. 20 Twp. 2-S Rge. 26-  East  West  
 County Decatur

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 <input checked="" type="checkbox"/> Yes <input 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 (Submit Copy.)  List All E.Logs Run: <u>Radiation Guard</u> <u>Sonic</u>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Stone Corral</td> <td>2145</td> <td>+485</td> </tr> <tr> <td>Base Stone Corral</td> <td>2176</td> <td>+454</td> </tr> <tr> <td>Topeka</td> <td>3314</td> <td>-684</td> </tr> <tr> <td>Heebner Shale</td> <td>3484</td> <td>-854</td> </tr> <tr> <td>Toronto</td> <td>3516</td> <td>-886</td> </tr> <tr> <td>Lansing</td> <td>3524</td> <td>-894</td> </tr> <tr> <td>Base Kansas City</td> <td>3728</td> <td>-1098</td> </tr> <tr> <td>Total Depth</td> <td>3798</td> <td>-1168</td> </tr> </tbody> </table>	Name	Top	Datum	Stone Corral	2145	+485	Base Stone Corral	2176	+454	Topeka	3314	-684	Heebner Shale	3484	-854	Toronto	3516	-886	Lansing	3524	-894	Base Kansas City	3728	-1098	Total Depth	3798	-1168
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CASING RECORD <input type="checkbox"/> New <input checked="" 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"	24#	302'	COMMON	180	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	

Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_



**ALLIED CEMENTING CO., INC.**

P.O. BOX 31  
 RUSSELL, KS 67665  
 PH (785) 483-3887  
 FAX (785) 483-5566  
 FEDERAL TAX ID#

\*\*\*\*\*  
 \* ORIGINAL \*  
 \* INVOICE \*  
 \*\*\*\*\*

RECEIVED  
 KANSAS CORP CORP

Invoice Number: 087794  
 2002 OCT -7 1:43

Invoice Date: 08/15/02

Sold Dark Horse Oil Company  
 To: 34861 Forest Park DR  
 Elizabeth, CO  
 80107

Cust I.D.....: Dark  
 P.O. Number...: HerbShirl 1-20  
 P.O. Date.....: 08/15/02

Due Date.: 09/14/02  
 Terms.....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	180.00	SKS	7.8500	1413.00	E
Gel	3.00	SKS	10.0000	30.00	E
Chloride	6.00	SKS	30.0000	180.00	E
Handling	189.00	SKS	1.1000	207.90	E
Mileage (76)	76.00	MILE	7.5600	574.56	E
189 sks @\$.04 per sk per mi					
Surface	1.00	JOB	520.0000	520.00	E
Mileage pmp trk	76.00	MILE	3.0000	228.00	E
Surface plug	1.00	EACH	45.0000	45.00	E

All Prices Are Net, Payable 30 Days Following  
 Date of Invoice. 1 1/2% Charged Thereafter.  
 If Account CURRENT take Discount of \$ 319.85  
 ONLY if paid within 30 days from Invoice Date

Subtotal: 3198.46  
 Tax.....: 0.00  
 Payments: 0.00  
 Total....: 3198.46  
 - 319.85  
**\$ 2878.61**

# ALLIED CEMENTING CO., INC.

09346

Federal Tax I.D.# XXXXXXXXXX

ORIGINAL

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

SERVICE POINT:

Oakley

DATE <u>8-12-02</u>	SEC. <u>20</u>	TWP. <u>25<sup>S</sup></u>	RANGE <u>26<sup>W</sup></u>	CALLED OUT	ON LOCATION <u>12:45 PM</u>	JOB START <u>3:30 PM</u>	JOB FINISH <u>3:45 PM</u>
Herb LEASE <u>Shirley</u>	WELL# <u>1-20</u>	LOCATION <u>Oberlin 14E-2N-4E</u>			COUNTY <u>Decatur</u>	STATE <u>Kan</u>	
OLD OR (NEW) (Circle one)							

CONTRACTOR Mur Fin Dng Co #3  
 TYPE OF JOB Surface ✓  
 HOLE SIZE 12 1/4 T.D. 303'  
 CASING SIZE 8 5/8 DEPTH 302'  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. 15'  
 PERFS.  
 DISPLACEMENT 18 1/4 BBL

OWNER Same  
 CEMENT  
 AMOUNT ORDERED 180 sks com  
3% acc - 2% cel

COMMON	<u>180 SKS</u>	@	<u>785</u>	<u>1,413.00</u>
POZMIX		@		
GEL	<u>3 SKS</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE	<u>6 SKS</u>	@	<u>30.00</u>	<u>180.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>189 SKS</u>	@	<u>1.10</u>	<u>207.90</u>
MILEAGE	<u>44 per sk mile</u>			<u>574.38</u>

TOTAL 2,405.46

**EQUIPMENT**

PUMP TRUCK CEMENTER Walt  
 # 191 HELPER Dean  
 BULK TRUCK  
 # 218 DRIVER Fuzzy  
 BULK TRUCK  
 # DRIVER

**REMARKS:**

**SERVICE**

Cement Dred Circ ✓  
 3 BBL in Pit ✓  
*[Signature]*

DEPTH OF JOB  
 PUMP TRUCK CHARGE 520.00  
 EXTRA FOOTAGE @  
 MILEAGE 76 miles @ 3.00 228.00  
 PLUG 8 7/8 Surface @ 45.00

TOTAL 793.00

CHARGE TO: Duck Horse Oil Co.  
 STREET  
 CITY STATE ZIP

**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  
 DISCOUNT IF PAID IN 30 DAYS

SIGNATURE Keith Van Rief

PRINTED NAME

**ALLIED CEMENTING CO., INC.**

P.O. BOX 31  
 RUSSELL, KS 67665  
 PH (785) 483-3887  
 FAX (785) 483-5566  
 FEDERAL TAX ID# [REDACTED]

\*\*\*\*\*ORIGINAL\*\*\*\*\*  
 \* I N V O I C E \*  
 \*\*\*\*\*

Invoice Number: 087876

Invoice Date: 08/21/02

Sold Dark Horse Oil Company  
 To: 34861 Forest Park DR  
 Elizabeth, CO  
 80107

Cust. I.D.: Dark  
 P.O. Number: HerbShirl 1-20  
 P.O. Date: 08/21/02

Due Date: 09/20/02  
 Terms: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	120.00	SKS	7.8500	942.00	E
Pozmix	80.00	SKS	3.5500	284.00	E
Gel	10.00	SKS	10.0000	100.00	E
FloSeal	50.00	LBS	1.4000	70.00	E
Handling	212.00	SKS	1.1000	233.20	E
Mileage (76)	76.00	MILE	8.4800	644.48	E
212 sks @\$ .04 per sk per mi					
Plug	1.00	JOB	630.0000	630.00	E
Mileage pmp trk	76.00	MILE	3.0000	228.00	E
Plug	1.00	EACH	23.0000	23.00	E

All Prices Are Net, Payable 30 Days Following  
 Date of Invoice. 1 1/2% Charged Thereafter.  
 If Account CURRENT take Discount of \$ 315.47  
 ONLY if paid within 30 days from Invoice Date

Subtotal: 3154.68  
 Tax: 0.00  
 Payments: 0.00  
 Total: 3154.68  
 - 315.47  
 \$ 2839.21

# ALLIED CEMENTING CO., INC.

11851  
ORIGINAL

Federal Tax I.D.#

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

SERVICE POINT:

Oakley

DATE <u>8-17-02</u>	SEC. <u>20</u>	TWP. <u>25 S</u>	RANGE <u>26 W</u>	CALLED OUT	ON LOCATION <u>1:00 AM</u>	JOB START <u>1:30 AM</u>	JOB FINISH <u>4:30 AM</u>
LEASE <u>Herb Shirley</u>	WELL # <u>1-20</u>	LOCATION <u>Oberlin 14E-2N-14E-N.S</u>		COUNTY <u>Decatur</u>	STATE <u>Kan</u>		
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Murfin Dls Co #3

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 3800'

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2 XH DEPTH 2160'

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

OWNER Same

CEMENT AMOUNT ORDERED 200 SKS 6% POZ  
6% Gel, 1/4# Flo-Seal

COMMON	<u>120 SKS</u>	@	<u>7.85</u>	<u>942.00</u>
POZMIX	<u>80 SKS</u>	@	<u>3.55</u>	<u>284.00</u>
GEL	<u>10 SKS</u>	@	<u>10.00</u>	<u>100.00</u>
CHLORIDE		@		
	<u>Flo-Seal 50#</u>	@	<u>1.40</u>	<u>70.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>212 SKS</u>	@	<u>1.10</u>	<u>233.20</u>
MILEAGE	<u>4¢ per SK mile</u>			<u>644.48</u>
TOTAL				<u>2,273.68</u>

EQUIPMENT

PUMP TRUCK CEMENTER Walt

# 191 HELPER Dean

BULK TRUCK

# 218 DRIVER Walt

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:

SERVICE

25 SKS @ 2160'

100 SKS @ 1375'

40 SKS @ 350'

10 SKS @ 40'

10 SKS in m.H.

15 SKS in B.H.

*[Signature]*

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>630.00</u>
EXTRA FOOTAGE	@		
MILEAGE	<u>76 miles</u>	@	<u>3.00</u>
PLUG	<u>8 5/8 D.H.</u>	@	<u>23.00</u>
		@	
		@	
TOTAL <u>881.00</u>			

CHARGE TO: Dark horse Oil Co.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

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 \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE *[Signature]*

PRINTED NAME \_\_\_\_\_