

ORIGINAL

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

Operator: License # 31956

Name: DARK HORSE OIL COMPANY

Address 12543 N. Hwy. 83 - Suite 228

City/State/Zip Parker, CO 80134-8800

Purchaser: Texaco Trading & Transportation

Operator Contact Person: Douglas C. Frickey

Phone () 800-876-4482

Contractor: Name: MURFIN DRILLING COMPANY

License: 30606

Wellsite Geologist: Roger Welty

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/Reentry: Old Well Info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

9/4/97 9/10/97
Spud Date Date Reached TD Completion Date

API NO. 15- 039-209050000

County Decatur

-NE -SW -NE Sec. 14 Twp. 2-S Rge. 27 X ^E _W

1510 Feet from S(N) (circle one) Line of Section

1680 Feet from E(W) (circle one) Line of Section

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

Lease Name Long Ranch Well # 2

Field Name Monaghan S.E.

Producing Formation NA

Elevation: Ground 2656' KB 2661'

Total Depth 3775' PBTB 3775'

Amount of Surface Pipe Set and Cemented at 286' 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 D&A 97 11-25-97
(Data must be collected from the Reserve Pit)

Chloride content 1100 ppm Fluid volume 375 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name RECEIVED
KANSAS CORPORATION COMMISSION 11-12-97

Lease Name _____ License No. _____

Quarter NOV Sec. 12 1997 Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

CONSERVATION DIVISION
WICHITA, KS

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 [Signature]

Title President Date 10/10/97

Subscribed and sworn to before me this 10th day of November, 19 97.

Notary Public Mary P. Shandy

Date Commission Expires 7-20-98

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
<input type="checkbox"/>		<input type="checkbox"/> Other
(Specify)		

Operator Name DARK HORSE OIL COMPANY Lease Name Long Ranch Well # 2

Sec. 14 Twp. 2-S Rge. 27 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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Top Anhydrite	2184'	+477
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Base Anhydrite	2215'	+446
List All E.Logs Run: Radiation Guard Log		Topeka	3325'	-664
		Deer Creek	3441'	-780
		Oread	3474'	-813
		Heebner	3494	-833
		Toronto	3523'	-862
		Lansing/Kansas City	3534'	-873
		Base Kansas City	3736'	-1075
		Marmaton	3750'	-1089

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"	23#	286'	60/40 POZ	180	3% cc 2%ge1

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(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, SMD or Inj. D&A Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> 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 _____

12001 50002-01 71730

TELEPHONE:

AREA CODE 913 483-2627
AREA CODE 913 483-3887

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31

RUSSELL, KANSAS 67665

Federal Tax I.D.# 48-0727860

ORIGINAL

TO: Darkhorse Oil Company
12543 N. Hwy #83, ST #228
Parker, CO 80134-8800

INVOICE NO. ~~XXXX~~ 75825
PURCHASE ORDER NO. _____
LEASE NAME Long Ranch #2
DATE 9-4-97

SERVICE AND MATERIALS AS FOLLOWS:

Common 105 sks @\$7.55	\$792.75	
Pozmix 70 sks @\$3.25	227.50	
Gel 3 sks @\$9.50	28.50	
Chloride 6 sks @\$28.00	<u>168.00</u>	\$1,216.75
Handling 175 sks @\$1.05	183.75	
Mileage (77) @\$.04¢ per sk per mi	539.00	
Surface	470.00	
Mi @\$2.85 pmp trk chg	219.45	
1 plug	<u>45.00</u>	<u>1,457.20</u>
	Total	\$2,673.95

If Account CURRENT a
Discount of \$ 401.09
will be Allowed ONLY if
Paid Within 30 Days from
Date of Invoice.

check # 2135
10/23/97
Thank You!

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

RECEIVED
KANSAS CORPORATION COMMISSION

NOV 12 1997
11-12-97
CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

9987

Federal Tax I.D.# 48-0727860

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

ORIGINAL SERVICE POINT: Oakley

DATE <u>9-4-97</u>	SEC. <u>14</u>	TWP. <u>23</u>	RANGE <u>22</u>	CALLED OUT	ON LOCATION <u>7:15 PM</u>	JOB START	JOB FINISH <u>8:00 PM</u>
LEASE <u>Long Ranch</u>	WELL # <u>2</u>	LOCATION <u>Oberlin 12E-4N-6W-S.S</u>			COUNTY <u>Decatur Kan</u>	STATE	
OLD OR <u>(NEW)</u> (Circle one)							

CONTRACTOR Mur Fin Drlg Co #3

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 286'

CASING SIZE 8 5/8 DEPTH 286'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT

OWNER Same

CEMENT

AMOUNT ORDERED 175 SKS 694070

3% CC - 2% Col

COMMON	<u>105</u>	SKS	@	<u>7.55</u>	<u>792.75</u>
POZMIX	<u>70</u>	SKS	@	<u>3.25</u>	<u>227.50</u>
GEL	<u>3</u>	SKS	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>6</u>	SKS	@	<u>28.00</u>	<u>168.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Walt

102 HELPER Walt

BULK TRUCK

212 DRIVER Andrew

BULK TRUCK

DRIVER

HANDLING	<u>175</u>	SKS	@	<u>1.05</u>	<u>183.75</u>
MILEAGE	<u>44</u>	per SK/mile			<u>539.00</u>

TOTAL 1,939.50

REMARKS:

SERVICE

Cement Dred Circ

Paul Co

DEPTH OF JOB					
PUMP TRUCK CHARGE					<u>470.00</u>
EXTRA FOOTAGE			@		
MILEAGE	<u>77</u>	miles	@	<u>2.85</u>	<u>219.45</u>
PLUG	<u>8 5/8</u>	Surface	@		<u>45.00</u>

CHARGE TO: Darkhorse oil

STREET 12543 N Hwy #83 St 228

CITY Parker STATE Colo ZIP 80134-8830

RECEIVED TOTAL 734.45
KANSAS CORPORATION COMMISSION

FLOAT EQUIPMENT
NOV 12 1997

CONSERVATION DIVISION	@		
WICHITA, KS	@		
	@		
	@		
	@		

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or

TOTAL

TELEPHONE:

AREA CODE 913 483-2627
AREA CODE 913 483-3887

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

Federal Tax I.D.# 48-0727860

ORIGINAL

TO: Dark Horse Oil Company
12543 d. Hwy #83, ST #228
Parker, CO 80134-8000

INVOICE NO. 75985
PURCHASE ORDER NO. _____
LEASE NAME Long Ranch #2
DATE 9-10-97

SERVICE AND MATERIALS AS FOLLOWS:

Common 114 sks @ \$7.55	8060.70	
Pozmix 76 sks @ \$3.25	247.00	
Gel 10 sks @ \$9.50	95.00	
FloSeal 45# @ \$1.15	<u>55.20</u>	\$1,257.90
Handling 190 sks @ \$1.05	199.50	
Mileage (77) @ \$3.04¢ persk per mi	535.20	
Plug	530.00	
Mi @ \$2.85 pmg trk chg	219.45	
1 plug	<u>23.00</u>	<u>1,607.15</u>
	Total	\$2,865.05

If Account CURRENT a
Discount of \$ 429.75
will be Allowed ONLY if
Paid Within 30 Days from
Date of Invoice.

Thank You!

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

RECEIVED
KANSAS CORPORATION COMMISSION

NOV 12 1997

CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC. 9995

Federal Tax I.D.# 48-0727860

SERVICE POINT:

ORIGINAL

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

Oakley

DATE <u>9-10-97</u>	SFC. <u>24</u>	TWP. <u>2 S</u>	RANGE <u>27 W</u>	CALLED OUT	ON LOCATION <u>2:15 PM</u>	JOB START <u>2:30 PM</u>	JOB FINISH <u>4:30 PM</u>
LEASE <u>Long Runcl.</u>	WELL.# <u>2</u>	LOCATION <u>Oberlin 12 E - 41 N - 1/2 W - 1/4 S</u>		COUNTY <u>DeSoto</u>	STATE <u>Ka</u>		

OLD OR NEW (Circle one)

CONTRACTOR <u>Murphy Drilling Co # 3</u>	OWNER <u>Same</u>
TYPE OF JOB <u>PTA</u>	CEMENT AMOUNT ORDERED <u>130 SK. 69/100 PPM</u>
HOLE SIZE <u>2 7/8</u>	DEPTH <u>2974'</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2 x 4</u>	DEPTH <u>2200'</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

COMMON	<u>114 SK.</u>	@	<u>7.55</u>	<u>860.70</u>
POZ/MIX	<u>76 SK.</u>	@	<u>3.25</u>	<u>247.00</u>
GEL	<u>18 SK.</u>	@	<u>9.50</u>	<u>171.00</u>
CHLORIDE		@		
<u>Flu-Sand 48#</u>		@	<u>1.10</u>	<u>55.20</u>
		@		
		@		
		@		
		@		
HANDLING	<u>190 SK.</u>	@	<u>1.05</u>	<u>199.50</u>
MILEAGE	<u>44 per sk mile</u>			<u>588.00</u>
TOTAL				<u>2,042.60</u>

EQUIPMENT

PUMP TRUCK	CEMENTER	<u>Walt</u>
# <u>102</u>	HELPER	<u>Walt</u>
BULK TRUCK		
# <u>212</u>	DRIVER	<u>Jeff</u>
BULK TRUCK		
#	DRIVER	

REMARKS:

SERVICE

<u>25 SK. - 2200'</u>
<u>100 SK. - 1460'</u>
<u>40 SK. - 240'</u>
<u>10 SK. - 240'</u>
<u>15 SK. - in hole</u>

DEPTH OF JOB	<u>2200'</u>
PUMP TRUCK CHARGE	<u>580.00</u>
EXTRA FOOTAGE	@
MILEAGE	<u>77 - miles @ 2.85</u>
PLUG	<u>8 3/4 D.H. @ 2.50</u>
	@
	@

TOTAL 822.45

CHARGE TO: Darkhorse Oil Co
 STREET 12503 N. Hwy 83 # 223
 CITY Paola STATE Ka ZIP 66401-8800

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 [Signature]

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____

RECEIVED
 KANSAS CORPORATION COMMISSION

NOV 12 1997

CONSERVATION DIVISION
 WICHITA, KS

ORIGINAL

LONG RANCH #2

1510' FNL & 1680' FEL of Sec. 14 T-2-S R-27-W 12543 North Highway 83 - Suite 228
Decatur County, Kansas

API #: 15-039-20905-0000

Ground Level: 2656 feet Kelly Bushing: 2661 feet

DARK HORSE OIL COMPANY

Parker, CO 80134

800-876-4482

DRILL STEM TEST INFORMATION

DRILL STEM TEST #1

INTERVAL: 3494.00 through 3546.00 ft. (Toronto & Lansing/KC "A" Zones)

BLOW DESCRIPTION: Initial Flow - 1/4 inch blow built to 5 1/2 inches.

Final Flow - Surface blow building to 3 1/2 inches.

OPEN: 30 min. - CLOSE: 45 min. - OPEN: 45 min. - CLOSE: 45 min.

FIRST INITIAL FLOW PRESSURE: 23

FIRST FINAL FLOW PRESSURE: 73

SECOND INITIAL FLOW PRESSURE: 76

SECOND FINAL FLOW PRESSURE: 129

INITIAL HYDROSTATIC MUD: 1683

FINAL HYDROSTATIC MUD: 1656

INITIAL SHUT-IN PRESSURE: 1146

FINAL SHUT-IN PRESSURE: 1115

RECOVERY: 60.00 feet of Mud.

180.00 feet of Muddy Water (80% Water and 20% Mud).

TOTAL FLUID RECOVERY: 240.00 ft. = (240.00 ft. in the drill collars and 0.00 ft. in the drill pipe.)

BOTTOM HOLE TEMPERATURE: 108 degrees fahrenheit.

DRILL STEM TEST #2

INTERVAL: 3544.00 through 3570.00 ft. ("Pollnow" Zone)

BLOW DESCRIPTION: Initial Flow - Weak Surface Blow died in 10 minutes.

Final Flow - No return blow.

OPEN: 30 min. - CLOSE: 30 min. - OPEN: 30 min. - CLOSE: 30 min.

FIRST INITIAL FLOW PRESSURE: 21

FIRST FINAL FLOW PRESSURE: 26

SECOND INITIAL FLOW PRESSURE: 25

SECOND FINAL FLOW PRESSURE: 30

INITIAL HYDROSTATIC MUD: 1720

FINAL HYDROSTATIC MUD: 1715

INITIAL SHUT-IN PRESSURE: 953

FINAL SHUT-IN PRESSURE: 934

RECOVERY: 10.00 feet of Drilling Mud.

TOTAL FLUID RECOVERY: 10.00 ft. = (10.00 ft. in the drill collars & 0.00 ft. in the drill pipe.)

BOTTOM HOLE TEMPERATURE: 107 degrees fahrenheit.

RECEIVED
KANSAS CORPORATION COMMISSION

NOV 12 1997

CONSERVATION DIVISION
WICHITA, KS

DRILL STEM TEST #3

INTERVAL: 3550.00 through 3590.00 ft. (Lansing/KC "C/D" Zone)

BLOW DESCRIPTION: Initial Flow - Weak Blow building to 1/2 inch.
Final Flow - No return blow.

OPEN: 30 min. - CLOSE: 30 min. - OPEN: 30 min. - CLOSE: 30 min.

FIRST INITIAL FLOW PRESSURE: 15

FIRST FINAL FLOW PRESSURE: 22

SECOND INITIAL FLOW PRESSURE: 23

SECOND FINAL FLOW PRESSURE: 29

INITIAL HYDROSTATIC MUD: 1725

FINAL HYDROSTATIC MUD: 1712

INITIAL SHUT-IN PRESSURE: 1034

FINAL SHUT-IN PRESSURE: 980

RECOVERY: 15.00 ft. of Mud.

TOTAL FLUID RECOVERY: 15.00 ft. = (15.00 ft. in the drill collars & 0.00 ft. in the drill pipe.)

BOTTOM HOLE TEMPERATURE: 103 degrees farenheit.

ELECTRIC LOG TOPS

<u>FORMATION NAME</u>	<u>TOP</u>	<u>SUB-SEA DATUM</u>
Top Anhydrite	2184'	+477
Base Anhydrite	2215'	+446
Topeka	3325'	-664
Deer Creek	3441'	-780
Oread	3474'	-813
Heebner	3494'	-833
Toronto	3523'	-862
Lansing/Kansas City	3534'	-873
Base Kansas City	3736'	-1075
Marmaton	3750'	-1089
Rotary Total Depth	3775'	-1114
Loggers Total Depth	3774'	-1113

RECEIVED
KANSAS CORPORATION COMMISSION

NOV 12 1997

CONSERVATION DIVISION
WICHITA, KS