

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

API NO. 15- 039-20900 0000 **ORIGINAL**
County Decatur
SE - SW - NE - Sec. 14 Twp. 2-S Rge. 27 ^E

Operator: License # 31956

Name: Dark Horse Oil Company

Address 12543 N. Hwy. 83, Suite 228

City/State/Zip Parker, CO 80134

Purchaser: Texaco Trading & Transportation, Inc.

Operator Contact Person: Douglas C. Frickey

Phone () 800-876-4482

Contractor: Name: Murfin Drilling Company

License: 30606

Wellsite Geologist: Ron Nelson

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:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

11/03/96 11/11/96 12/06/96
Spud Date Date Reached TD Completion Date

2310 Feet from ^N (circle one) Line of Section
1650 Feet from ^EW (circle one) Line of Section

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

Lease Name Long Ranch Well # 1

Field Name _____

Producing Formation Lansing/Kansas City (Pollnow)

Elevation: Ground 2650' KB 2655'

Total Depth 3950' PBSD 3929.81'

Amount of Surface Pipe Set and Cemented at 288 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 2190 Feet

If Alternate II completion, cement circulated from 2190

feet depth to 765 ft. w/ 450 sx cmt.

Drilling Fluid Management Plan ALT 2 JK 3-10-97
(Data must be collected from the Reserve Pit)

Chloride content 1100 ppm Fluid volume 378 bbls

Dewatering 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, 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 _____ Date 12-11-96

Title President

Subscribed and sworn to before me this 11th day of December 19 96.

Notary Public _____

Date Commission Expires 4-17-98

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

JAN 09 1997
1-9-97
CONSERVATION DIVISION
WICHITA, KS

SIDE TWO

Operator Name Dark Horse Oil Company Lease Name Long Ranch Well # 1

County Decatur

Sec. 14 Twp. 2-S Rge. 27 East 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 Yes No
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

List All E.Logs Run: Radiation Guard Log
Dual Compensated Porosity Log

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
Top Anhydrite	2176	+479
Base Anhydrite	2206	+449
Topeka	3357	-702
Heebner	3478	-823
Toronto	3510	-855
Lansing/Kansas City	3521	-866
Base Kansas City	3720	-1065
Arbuckle	3920	-1265
Granite Wash	3931	-1276

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 1/4"	8 5/8"	28#	288'	60/40 POZ	180	3%cc 2%gel
PRODUCTION	7 7/8"	4 1/2"	9.5#	3949'	ASC	165	500gal.WFR-2

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing	2190'	60/40 POZ	450	10% gel & 1/4# Flo-Seal
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone	365'	60/40 POZ	75	5% gel & 1/4# Flo-Seal

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	
	Four (4)	3546' thru 3550' (Pollnow Zone)		500 gal. of 15% MCA

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		2 3/8"	3576.49	NA			
Date of First, Resumed Production, SWD or Inj.			Producing Method				
12/06/96			<input type="checkbox"/> Flowing <input checked="" 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
	123				3		36

Disposition of Gas: **METHOD OF COMPLETION** **Production Interval**

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 3546' - 3550'

(If vented, submit ACO-18.) Other (Specify) _____

Not Applicable

ALTERNATE I & II

ORIGINAL

Work sheet

District #4
KCC-KDHE
(Oil, Gas, Water)

Called In:

Time Month Day Year API# 15-039-20900-0000

Mr. Douglas Frickey Spud Date: 11-2-96

Expiration Date: _____

Operator: DARK HORSE OIL CO. KCC # 31596

Address: 12543 N Hwy 83 Ste 228 Phone # (800) 876 4482

Footage 700 - 750
Mercury 990 - 1050
DK 110 - 1290
Known 1290 - 1340

Lease Name: PARKER CO. 80134 Well # 1
LONG RANCH

Location: S2SW SE County: DECATUR

Sec: 14 Twp: 2 Rge: 27 W

10 1/2" 288 S.P. cwc w/ cwc sx. cmt.

4 1/2" - 5 1/2" - 6" csg. set @ 3349 w/ 250 sx. cmt.

T.D. 3450 Elev. 2650 GL Anhy 2170 Dakota Base: 1110-1290

D.V. Tool @ _____ Port Collar @ 2190-2800 Perf. @ _____ Other _____

Total Amount of Cmt./Blend: 450 sx 60/40 por 10% 4" FLUOR.

Did Cmt circ? NO Date: 11-27-96 Cement Company: allied Ticket # _____

Alternate II Completion: Rotary Rig Pulling Unit Backside

Remarks: GOOD CIRC. FOR 200 SX - LOST CIRC. FOR 10 MIN, REGAIN CIRC. FOR 10 MIN LOST CIRC.

WITH 700 PSI AND CIRCING. TEMP LOG, 11-29-96 MERCURY TO 700' RATTY

OK'D TO TOP SQ. 8 3/8" w/ 100 SX. 60/40 POR 10% GEL. COMPANIES WILL BEAT BY C.H.

MURFIN DRILL. ROTOR, AND COMPLETION RIG. CEMENT @ TOP OF FT. ^{LS} HAY

12-3-96 TOP SQ w/ 100 SX. 60/40 POR 10% GEL. ALLIED. TO MAX. PSI

8 3/8 set @ 288'

8 3/8 - 4 1/2 ANNULARS .2471 900' = 263' FT.

SQ. Surface Down 1000' = 247' FT

KCC

DEC 10 1996

HAYS, KS

Carl Goodnow
Witness (sign)

2648
1550 MERRILL
1095

DATE 10-16-96

FAX 1-800-675-0883

1007

ALLIED CEMENTING CO., INC.

Box 31

RUSSELL, Kansas 67665

Doug Frickey

Bid Sheet

ORIGINAL

COMPANY DARK HORSE

LEASE _____

WELL NO. _____

TYPE JOB SURFACE

TYPE & AMOUNT MATERIAL 180 sbw 60/40 3-7

LOCATION 6622W Norcotton
14-2-27 Decatur

BID PREPARED BY Bill R. Leikam

Pump Truck	300		445.00	Common	108 @ 7.20	777.60
Plug		wood	45.00	Pozmix	72 @ 3.15	226.80
Footage				Gel	3 @ 9.50	28.50
Mileage	.55	2.85	156.75	CC	6 @ 28.00	168.00
				Liteweight		
Total			646.75	Salt		
Float Equipment				Hulls		
Guide Shoe				A.S.C.		
Insert				Handling	180 x 1.05	189.00
Centralizer				Mileage	.04/55/180	396.00
Total				Total		1,785.90

185 sbw 60/40

PMP. TRK. CHG.

646.75

3% CC 2% Gel

MATERIAL:

1,785.90

SUB TOTAL:

2,432.65

180 SXS

11102196

15% Discount

364.90

TOTAL:

2,067.75

THIS PRICE GOOD FOR 30 DAYS FROM DATE OF BID.

Post-it® Fax Note	7671	Date	10-16-96	# of pages	3
To	D. Frickey	From	Leikam		
Co./Dept	DARK HORSE	Co.	Allied		
Phone #		Phone #			
Fax #		Fax #			

GOLDEN BELT PRINTING, INC.

Thank You

ALLIED CEMENTING CO., INC. 6914

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

ORIGINAL

SERVICE POINT: Oakley

DATE <u>11-2-96</u>	SEC <u>14</u>	TWP. <u>2s</u>	RANGE <u>27 W</u>	CALLED OUT	ON LOCATION <u>6:00 PM</u>	JOB START <u>8:00 PM</u>	JOB FINISH <u>8:25 PM</u>
LEASE <u>Long Ranch</u>	WELL # <u>1</u>	LOCATION <u>1/2 E 4 N 1/2 W 3/4 SE Oberlin</u>			COUNTY <u>Decatur</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR <u>Martin Drlg Co Rig 3</u>	
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>288'</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>288'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	

OWNER Same
CEMENT

AMOUNT ORDERED 180 SKS 60/40.352 CC
290 GEL

COMMON	<u>108 SKS</u>	@	<u>7²⁰</u>	<u>777⁶⁰</u>
POZMIX	<u>72 SKS</u>	@	<u>3¹⁵</u>	<u>226⁸⁰</u>
GEL	<u>3 SKS</u>	@	<u>9⁵⁰</u>	<u>28⁵⁰</u>
CHLORIDE	<u>6 SKS</u>	@	<u>28⁰⁰</u>	<u>168⁰⁰</u>
		@		
		@		
		@		
		@		
		@		
		@		

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Dean</u>
# <u>300</u>	HELPER <u>Wayne</u>
BULK TRUCK	
# <u>218</u>	DRIVER <u>Jeff</u>
BULK TRUCK	
#	DRIVER

HANDLING 180 SKS @ 1⁰⁵ 189⁰⁰
MILEAGE 4¢ per SK/mile 554⁴⁰

TOTAL 1,944³⁰

REMARKS:

Ran 7 8 5/8 joints pipe.
17 Blb Displacement
Cement did circulate

Thank you

SERVICE

DEPTH OF JOB	<u>288'</u>		
PUMP TRUCK CHARGE			<u>445⁰⁰</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>77 mile</u>	@	<u>2⁸⁵</u> <u>219⁴⁵</u>
PLUG	<u>Surface</u>	@	<u>45⁰⁰</u>
		@	
		@	

TOTAL 709⁴⁵

CHARGE TO: Dark Horse oil Co
STREET 12543 North Hwy 83 Suite 228
CITY Parker STATE CO ZIP 80134

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

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 Keith Van Relt

PAID
NOV 11 1996
CASH

ALLIED CEMENTING CO., INC.

5653

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

SERVICE POINT: K

ORIGINAL

DATE <u>11-10-96</u>	SEC. <u>14</u>	TWP. <u>2^s</u>	RANGE <u>27^w</u>	CALLED OUT	ON LOCATION <u>6:30pm</u>	JOB START <u>11:20</u>	JOB FINISH <u>11:50</u>
LEASE <u>Long Ranch</u>		WELL # <u>1</u>	LOCATION <u>Nowater 6w 4N 1/2w 1/2s</u>		COUNTY <u>DeSoto</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR Murfin Dalg #3

TYPE OF JOB Prod String

HOLE SIZE 7/8 T.D.

CASING SIZE 4 1/2 DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL Port Collar DEPTH 2194

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 18.19

CEMENT LEFT IN CSG. 63 3/4 bbls

PERFS.

OWNER _____

CEMENT

AMOUNT ORDERED 165 ASC
500 gal WFR-2

ASC	<u>165</u>	@ <u>8.70</u>	<u>1435.50</u>
CEMENT		@	
POZMIX		@	
GEL		@	
CHLORIDE		@	
<u>500 gal WFR-2</u>		@ <u>1.00/gal</u>	<u>500.00</u>
		@	
		@	
		@	
		@	
HANDLING	<u>165</u>	@ <u>1.05</u>	<u>173.25</u>
MILEAGE	<u>.04/165/80</u>		<u>528.00</u>
TOTAL			<u>2636.75</u>

EQUIPMENT

PUMP TRUCK CEMENTER Mike Bill L

153 HELPER Paul

BULK TRUCK DRIVER Darin

282 DRIVER

BULK TRUCK DRIVER

REMARKS:

SERVICE

Float Held

DEPTH OF JOB _____

PUMP TRUCK CHARGE 1030.00

EXTRA FOOTAGE @ _____

MILEAGE 80 @ 2.85 228.00

PLUG 4 1/2 Rubber @ 38.00 38.00

TOTAL 1296.00

CHARGE TO: Dank Horse Oil Co.

STREET 12543 North Huggs 83, Suite 228

CITY Parker STATE CO ZIP 80134

FLOAT EQUIPMENT

<u>4 1/2</u> {	<u>Bitbar Lock</u>	@ <u>30.00</u>	<u>30.00</u>
	<u>insert</u>	@ <u>235.00</u>	<u>235.00</u>
	<u>Guide Shoe</u>	@ <u>140.00</u>	<u>140.00</u>
	<u>5-cent</u>	@ <u>53.00</u>	<u>265.00</u>
	<u>Port Collar</u>	@	<u>2340.00</u>
	<u>Brushet</u>	@	<u>129.00</u>
	<u>17-scratchers</u>	@ <u>53.00</u>	<u>901.00</u>
TOTAL			<u>4040.00</u>

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 7972.75

@ 15% 1195.91

DISCOUNT 1195.91 IF PAID IN 30 DAYS

Total 6776.84

SIGNATURE _____

ALLIED CEMENTING CO., INC.

5190

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

ORIGINAL

SERVICE POINT:

PAKLEY

DATE <u>11-27-96</u>	SEC. <u>14</u>	TWP. <u>25</u>	RANGE <u>27W</u>	CALLED OUT	ON LOCATION <u>10:30 AM</u>	JOB START <u>11:30 AM</u>	JOB FINISH <u>1:30 PM</u>
<u>LONG RANCH LEASE</u>	WELL# <u>1</u>	LOCATION <u>CHEKTO 12E-4N-1/2 W</u>			COUNTY <u>OSCATAWA</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR <u>MURFIN ARIC</u>	OWNER <u>SANITE</u>
TYPE OF JOB <u>PORT COLLAR</u>	CEMENT
HOLE SIZE _____ T.D.	
CASING SIZE <u>4 1/2"</u> DEPTH _____	AMOUNT ORDERED <u>450 SKS 60/40/202 8% GEL</u>
TUBING SIZE <u>2"</u> DEPTH <u>2190'</u>	<u>1/4" FLO-SEAL</u>
DRILL PIPE _____ DEPTH _____	
TOOL SET AT _____ DEPTH <u>2190'</u>	
PRES. MAX _____ MINIMUM _____	COMMON <u>270</u> SKS @ <u>720</u> <u>1944⁰⁰</u>
MEAS. LINE _____ SHOE JOINT _____	POZMIX <u>180</u> SKS @ <u>315</u> <u>567⁰⁰</u>
CEMENT LEFT IN CSG. _____	GEL <u>31</u> SKS @ <u>950</u> <u>294⁵⁰</u>
PERFS. _____	CHLORIDE _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER <u>TERRY</u>	
# <u>191</u> HELPER <u>WALT</u>	
BULK TRUCK DRIVER <u>JEFF</u>	
# <u>305</u> DRIVER _____	
BULK TRUCK DRIVER _____	

FLORIDE <u>113#</u> @ <u>115</u> <u>129⁹⁵</u>	
HANDLING <u>450</u> SKS @ <u>105</u> <u>472⁵⁰</u>	
MILEAGE <u>44</u> SK/mile <u>1440⁰⁰</u>	
TOTAL <u>4847⁹⁵</u>	

REMARKS:

PRESSURED SYSTEM TO 750 PSI.
MIN 450 SKS CEMENT + DESALICE
DOWN 2" TUBING. CEMENT USED NOT
CEN. RUN 5 JTS + REVERSE OUT

THANK YOU

SERVICE

DEPTH OF JOB <u>2190'</u>	
PUMP TRUCK CHARGE _____	<u>550⁰⁰</u>
EXTRA FOOTAGE _____ @ _____	
MILEAGE <u>80 miles</u> @ _____	<u>228⁰⁰</u>
PLUG _____ @ _____	
TOTAL <u>778⁰⁰</u>	

CHARGE TO: DARK HORSE OIL CO
STREET 12543 N. Hwy. #83 ST #228
CITY Parker STATE CO ZIP 80134-8800

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

ALLIED CEMENTING CO., INC. 7487

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

SERVICE POINT:

Oakley

ORIGINAL

DATE <u>12/3/96</u>	SEC. <u>14</u>	TWP. <u>2S</u>	RANGE <u>27W</u>	CALLED OUT	ON LOCATION <u>9:15 AM</u>	JOB START <u>9:45 AM</u>	JOB FINISH <u>10:30 AM</u>
LEASE <u>Long Ranch</u> WELL # <u>1</u>		LOCATION <u>Oberlin 12E 4N 2W N15</u>			COUNTY <u>DeCATUR</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR _____ OWNER Samr

TYPE OF JOB Backside Squeeze CEMENT

HOLE SIZE 8 1/2 T.D. _____

CASING SIZE 8 1/2 DEPTH _____

TUBING SIZE 2 3/4 DEPTH 1900

DRILL PIPE _____ DEPTH _____

TOOL PKR DEPTH 1800

PRES. MAX 200 MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

AMOUNT ORDERED 100 SKS 60/40 + 89 gel 1/4 # Flo Seal

COMMON	<u>60 SKS</u>	@	<u>7.20</u>	<u>432.00</u>
POZMIX	<u>40 SKS</u>	@	<u>3.15</u>	<u>126.00</u>
GEL	<u>7 SKS</u>	@	<u>9.50</u>	<u>66.50</u>
CHLORIDE		@		
<u>Flo-Seal 25#</u>		@	<u>1.15</u>	<u>7.95</u>
		@		<u>28.75</u>
		@		
		@		
		@		
HANDLING	<u>100 SKS</u>	@	<u>1.05</u>	<u>105.00</u>
MILEAGE	<u>44 per SK mile</u>			<u>320.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Wayne

300 HELPER _____

BULK TRUCK _____

212 DRIVER Max

BULK TRUCK _____

_____ DRIVER _____

TOTAL 1,078.25

REMARKS:

Pressure ANN 200 PSI close in Hook up to 8 1/2 Mix 100 SKS cement close in 8 1/2 with 100 PSI

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE 445.00

EXTRA FOOTAGE @ _____

MILEAGE 80 mi @ 2.85 228.00

PLUG @ _____

@ _____

@ _____

TOTAL 673.00

CHARGE TO: Dark Horse Oil Co

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

@ _____

@ _____

@ _____

@ _____

@ _____

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

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 Jack Y...

ORIGINAL

Long Ranch #1
SE SW NE of Sec. 14 T-2-S R-27-W
Decatur County, Kansas
API NO. 15-039-20900 0000

Dark Horse Oil Company
12543 North Hwy. 83, Suite 228
Parker, CO 80134
800-876-4482

DRILL STEM TEST INFORMATION

DRILL STEM TEST #1

INTERVAL: 3479.00 to 3532.00 ft. (Toronto & Lansing/KC "A" Zone)
Hit bridges 1700.00 thru 2010.00 ft. - Slid tool 20.00 ft. to bottom.
BLOW DESCRIPTION: Initial Flow - Weak blow - died in 20 minutes.
Final Flow - No blow - flushed tool - no help.

FIRST INITIAL FLOW PRESSURE: 137
FIRST FINAL FLOW PRESSURE: 137
SECOND INITIAL FLOW PRESSURE: 157
SECOND FINAL FLOW PRESSURE: 157
INITIAL HYDROSTATIC MUD: 1716
INITIAL SHUT-IN PRESSURE: 1066
FINAL SHUT-IN PRESSURE: 1026
FINAL HYDROSTATIC MUD: 1686
RECOVERY: None

DRILL STEM TEST #2

INTERVAL: 3536.00 to 3574.00 ft. (Pollnow & Lansing/KC "C" Zone)
BLOW DESCRIPTION: Initial Flow - Strong blow - bottom of bucket in 4 minutes.
Final Flow - Strong blow - bottom of bucket in 6 minutes.

Slid tool 10.00 ft. to bottom.
FIRST INITIAL FLOW PRESSURE: 59
FIRST FINAL FLOW PRESSURE: 236
SECOND INITIAL FLOW PRESSURE: 285
SECOND FINAL FLOW PRESSURE: 364
INITIAL HYDROSTATIC MUD: 1956
INITIAL SHUT-IN PRESSURE: 1126
FINAL SHUT-IN PRESSURE: 1106
FINAL HYDROSTATIC MUD: 1746
RECOVERY: 806 ft. of Clean Gassy Oil (20% gas & 80% oil)
248 ft. of Mud cut Gassy oil (20% gas, 70% oil & 10% mud)
Total Fluid Recovery: 1054.00 ft. (559.00 ft. in drill collar & 495.00 ft. in
drill pipe.)
GAS IN PIPE: 1302.00 ft.

DRILL STEM TEST #3

INTERVAL: 3576.00 to 3610.00 ft. (Lansing/KC "E" & "F" Zone)
BLOW DESCRIPTION: Initial Flow - Strong blow - bottom of bucket in 20 minutes.
Final Flow - Weak blow - building to 6 inches in bucket.

FIRST INITIAL FLOW PRESSURE: 113
FIRST FINAL FLOW PRESSURE: 147
SECOND INITIAL FLOW PRESSURE: 237
SECOND FINAL FLOW PRESSURE: 260
INITIAL HYDROSTATIC MUD: 1856
INITIAL SHUT-IN PRESSURE: 1140
FINAL SHUT-IN PRESSURE: 1129
FINAL HYDROSTATIC MUD: 1811
RECOVERY: 589 ft. of Muddy water (70% water & 30% mud)
Total Fluid Recovery: 589.00 ft. (559.00 ft. in drill collar & 30.00 ft. in
drill pipe.)

ORIGINAL

Long Ranch #1
SE SW NE of Sec. 14 T-2-S R-27-W
Decatur County, Kansas
API NO. 15-039-20900 0000

Dark Horse Oil Company
12543 North Hwy. 83, Suite 228
Parker, CO 80134
800-876-4482

DRILL STEM TEST INFORMATION (Continued)

DRILL STEM TEST #4

INTERVAL: 3608.00 to 3675.00 ft. (Lansing/KC "H", "I" & "J" Zone)

BLOW DESCRIPTION: Initial Flow - Weak blow - died in 25 minutes.

Final Flow - No blow - flushed tool - no help.

FIRST INITIAL FLOW PRESSURE: 90

FIRST FINAL FLOW PRESSURE: 90

SECON INITIAL FLOW PRESSURE: 158

SECOND FINAL FLOW PRESSURE: 158

INITIAL HYDROSTATIC MUD: 2027

INITIAL SHUT-IN PRESSURE: 622

FINAL SHUT-IN PRESSURE: ---

FINAL HYDROSTATIC MUD: 1970

RECOVERY: 5 ft. of Drilling mud

Total Fluid Recovery: 5.00 ft. (5.00 ft. in drill collar & 0.00 ft in drill pipe.)

COMPLETION INFORMATION

Move In Cable Tool - Perforate Lansing/KC "Pollnow" Zone: 3546.00 - 3550.00 ft. (4SPF).
Good Show of Oil - Swab 2.32 bbls. of oil per hour natural. Shut down over the weekend.
Check weekend fill up - Fluid Level at 1429.00 ft. from surface - 2100.00 ft of fluid in
the hole (100% Oil). Make 2 runs with swab and recover: 8.99 bbls. of fluid (100% Oil).
Acidize 3546.00 - 3550.00 ft. with 500.00 gal. of 15% Mud Clean Up Acid. Receive load back.

FIRST HOURLY TEST

RECOVERY: 18.59 bbls. (99% Oil - 2/10ths BS)

FLUID LEVEL: 2050.00 ft. from surface

FLUID REMAINING: 1479.00 ft. in hole

SWAB RUNS PER HOUR: Six (6)

SECOND HOURLY TEST

RECOVERY: 20.88 bbls. (99% Oil - 2/10ths BS)

FLUID LEVEL: 2500.00 ft. from surface

FLUID REMAINING: 1000.00 ft. in hole

SWAB RUNS PER HOUR: Six (6)

THIRD HOURLY TEST

RECOVERY: 14.50 bbls. (99% Oil - 2/10ths BS)

FLUID LEVEL: 2100.00 ft. from surface

FLUID REMAINING: 1429.00 ft. in the hole

SWAB RUNS PER HOUR: Four (4)

FOURTH HOURLY TEST

RECOVERY: 14.50 bbls. (99% Oil - 1/10ths BS)

FLUID LEVEL: 2100.00 ft. from surface

FLUID REMAINING: 1429.00 ft. in the hole

SWAB RUNS PER HOUR: Four (4)

COPIED
12/11/11 10:11 AM

ORIGINAL

Long Ranch #1
SE SW NE of Sec. 14 T-2-S R-27-W
Decatur County, Kansas
API NO. 15-039-20900 0000

Dark Horse Oil Company
12543 North Hwy. 83, Suite 228
Parker, CO 80134
800-876-4482

COMPLETION INFORMATION (Continued)

FIFTH HOURLY TEST
RECOVERY: 14.50 bbls. (99% Oil - 1/10ths BS)
FLUID LEVEL: 2100.00 ft. from surface
FLUID REMAINING: 1429.00 ft. in the hole
SWAB RUNS PER HOUR: Four (4)

Shut down for the night.
Check over night fill up - Fluid level at 1050.00 ft. from surface - 2479.00 ft. of fluid
in the hole (100% Oil). Set 2 3/8" Tubing at 3576.49 ft. (No Packer).
Put on Production at 123.58 BOPD and 3.34 BWP (97% Oil and 3% Water). Gravity: 36

2007 OCT 10 10:10 AM
2007 OCT 10 10:10 AM