



Operator Name: C & B Operating, Inc. Lease Name: Harding Well #: 5-36  
 Sec. 36 Twp. 29 S. R. 12  East  West County: Pratt

**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  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:

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum

CASING RECORD <input type="checkbox"/> Now <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

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, Resumerd Production, SWD or Enhr.		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      METHOD OF COMPLETION      Production Interval

Vented    Sold    Used on Lease    Open Hole    Perf.    Dually Comp.    Commingled  
 (If vented, Submit ACO-18.)    Other (Specify)

# SOUTHWIND DRILLING, INC.

## RIG #2

PO Box 276, Ellinwood, KS 67526  
Office Phone 620-564-3800, Fax 620-564-3845

### DRILLING REPORT

Dudrey #5-36

Location: 330' FSL & 330' FEL  
API#: 15-151-22224-00-00

Section 36-29S-12W  
Pratt County, Kansas

OWNER: : C & B Operating, Inc.  
CONTRACTOR: Southwind Drilling, Inc. Rig #2

COMMENCED: 07-09-05  
COMPLETED: 07-15-05

TOTAL DEPTH: Driller 3938'

Ground Elevation: 1842'  
KB Elevation: 1851'

### LOG:

0'	-	305'	Sand/Redbed
305'	-	430'	Shale
430'	-	1800'	Redbed/Shale
1800'	-	3938'	Shale/Lime
		3938'	RTD

RECEIVED  
SEP 19 2005  
KCC WICHITA

### CASING RECORDS

#### Surface casing – 8 5/8"

Ran 7 joints of 23# new 8 5/8" surface casing. Tally @ 293.15'. Set @ 304'. Cement with 300 sacks of 60/40 Poz, 2% gel, 3% calcium chloride. Cement did circulate. Plug down @ 8:45 pm on 07-09-05 by Allied Cementing (tk # 20869).

#### Production casing – 5 1/2"

None – plugged well

### DEVIATION SURVEYS

3/4 degree (s)	@	305'
3/4 degree (s)	@	3190'

MORNING DRILLING REPORT				Fax to: Carl Dudrey @620-549-6221.			
Southwind Drilling, Inc. PO Box 276 112 North Main Ellinwood, KS 67526		Wellsite Geologist: Brad Rine 316-262-5418 316-250-5941 (mobile)		WELL NAME		Dudrey #5-36	
Rig #2 Phone Numbers		N USE		LOCATION		330' FSL & 330' FEL Sec. 36-29S-12W Pratt County, Kansas	
620-617-5921	Rig Cellular (Dog house)	Yes		C & B Operating, Inc. PO Box 65 St. John, KS. 67576 Office: 620-549-3234 Carl's mobile: 620-546-3013			
620-617-5920	Geologist Trailer Cellular	Yes		ELEVATION			
620-794-2076	Tool Pusher Cellular	Yes	Darryl Krier	G.L. 1842'	K.B. 1851'	API# 15-151-22224-00-00	

**Driving Directions:** From Isabelle, 1 1/8-mile West. North into.

Day	1	Date	07-09-05	Saturday	Survey @ 305' = ¼ degree
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Moved Rig #2 on location

Spud @ 3:00 pm

Ran 4.25 hours drilling (.50 drill rat hole, 2.25 drill 12 1/4", 1.50 drill 7 7/8"). Down 19.75 hours (7.50 move/rig up, .50 rig repair, 1.25 connection, .25 circulate, .25 trip, 1.25 run casing, .50 cement, 8.00 wait on cement, .25 drill plug)

Hours on 12 ¼" bit: 2.25

Hours on 7 7/8" bit: 1.50

1" fuel = 34.50 gals.

Fuel usage: 138.00 gals (85" used 4") 21" + 68" = 89"

Ran 7 joints of 23# new 8 5/8" surface casing. Tally @ 293.15'. Set @ 304'. Cement with 300 sacks of 60/40 Poz, 2% gel, 3% calcium chloride. Cement did circulate. Plug down @ 8:45 pm on 07-09-05 by Allied Cementing (tk # 20869).

Day	2	Date	07-10-05	Sunday
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7:00 am - Drilling @ 430'

Ran 18.50 hours drilling. Down 5.50 hours (.50 rig check, 3.50 connection, 1.50 jet)

Mud properties: freshwater

Daily Mud Cost = \$ 0.00. Mud Cost to Date = \$0.00

Wt. on bit: 30,000, 80 RPM, 700# pump pressure

Hours on 12 ¼" bit: 2.25

Hours on 7 7/8" bit: 20.00

Fuel usage: 276.00 gals. (77" used 8")

Day	3	Date	07-11-05	Monday
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7:00 am - Drilling @ 2130'

Ran 18.50 hours drilling. Down 5.50 hours (.75 CFS @ 2650', .75 rig check, 1.25 rig repair, 2.25 connection, .50 jet)

Mud properties: wt. 9.4, vis. 30

Daily Mud Cost = \$ 0.00. Mud Cost to Date = \$0.00

Wt. on bit: 30,000, 80 RPM, 800# pump pressure

Hours on 12 ¼" bit: 2.25

Hours on 7 7/8" bit: 38.50

Fuel usage: 379.50 gals. (66" used 11")

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Rig #2 Phone Numbers		N USE		LOCATION		330' FSL & 330' FEL Sec. 36-29S-12W Pratt County, Kansas	
620-617-5921	Rig Cellular (Dog house)	Yes		C & B Operating, Inc. PO Box 65 St. John, KS. 67576 Office: 620-549-3234 Carl's mobile: 620-546-3013			
620-617-5920	Geologist Trailer Cellular	Yes		ELEVATION		G.L. 1842' K.B. 1851' API# 15-151-22224-00-00	
620-794-2076	Tool Pusher Cellular	Yes	Darryl Krier				

**Driving Directions:** From Isabelle, 1 1/8 mile West. North into.

Day	4	Date	07-12-05	Tuesday	Survey @ 3190' = 3/4 degree <u>Strap = 0.72 long to board</u>
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7:00 am – Drilling @ 2915'

Ran 8.00 hours drilling. Down 16.00 hours (1.50 CTCH, .75 CFS @ 2965', 1.75 CFS @ 3120', 1.50 CFS @ 3190', .25 rig check, 4.00 rig repair, .75 connection, 3.75 trips, 1.50 DST #1, .25 survey)

Mud properties: wt. 9.3, vis. 30

Daily Mud Cost = \$4,662.46. Mud Cost to Date = \$4,662.46

Wt. on bit: 35,000, 80 RPM, 800# pump pressure

Hours on 12 1/4" bit: 2.25

Hours on 7 7/8" bit: 46.50

Fuel usage: 310.50 gals. (57" used 9")

Day	5	Date	07-13-05	Wednesday	<u>DST #1 (3175'-3190')</u> <u>Howard formation</u> <u>Recovered 90' watery mud,</u> <u>180' mud cut water &amp; gas</u> <u>to surface in 13 minutes</u>
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7:00 am – On bottom with DST #1

Ran 13.75 hours drilling. Down 10.25 hours (.50 CTCH, 1.00 CFS @ 3335', .75 CFS @ 3370', 3.00 trip, .50 rig check, 1.00 rig repairs, 2.00 DST #1, .75 connection, .75 displace @ 3503')

Mud properties: wt. 8.8, vis. 50

Daily Mud Cost = \$1,243.62. Mud Cost to Date = \$5,706.08

Wt. on bit: 35,000, 80 RPM, 800# pump pressure

Hours on 12 1/4" bit: 2.25

Hours on 7 7/8" bit: 60.25

Fuel usage: 310.50 gals. (48" used 9")

Day	6	Date	07-14-05	Thursday	
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**RTD = 3938'**

7:00 am – Drilling @ 3690'

Ran 8.25 hours drilling. Down 15.75 hours (.50 CFS @ 3731', 2.00 CFS @ 3926', 1.25 CFS @ 3838', .50 rig check, .50 connection, 8.25 lay down pipe/plug well, 2.75 tear down)

Mud properties: wt. 8.8, vis. 50

Daily Mud Cost = \$241.95. **Total Mud Cost = \$5,948.03**

Wt. on bit: 35,000, 80 RPM, 800# pump pressure

Hours on 12 1/4" bit: 2.25

Hours on 7 7/8" bit: 68.50

Fuel usage: 241.50 gals. (41" used 7")

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					LOCATION		330' FSL & 330' FEL Sec. 36-29S-12W Pratt County, Kansas
Rig #2 Phone Numbers			N USE		C & B Operating, Inc. PO Box 65 St. John, KS. 67576 Office: 620-549-3234 Carl's mobile: 620-546-3013		
620-617-5921	Rig Cellular (Dog house)	Yes					
620-617-5920	Geologist Trailer Cellular	Yes					
620-794-2076	Tool Pusher Cellular	Yes	Darryl Krier		ELEVATION	G.L. 1842'	K.B. 1851' API# 15-151-22224-00-00

**Driving Directions:** From Isabelle, 1 1/8 mile West. North into.

Day 7 Date 07-15-05 Friday

7:00 am – Tearing down and moving off location

Plug well with 135 sacks of 60/40 Poz, 6% gel. 1<sup>st</sup> plug @ 770' with 50 sacks. 2<sup>nd</sup> plug @ 330' with 50 sacks. 3<sup>rd</sup> plug @ 40' with 10 sacks to surface. Plug mouse hole with 10 sacks. Plug rat hole with 15 sacks. Plug down @ 4:15 am on 07-15-05 by Allied Cementing (tk # 20801).