

Notice: Fill out COMPLETELY and return to Conservation Division at the address below within 60 days from plugging date.

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION WELL PLUGGING RECORD K.A.R. 82-3-117

Form CP-4 December 2003 Type or Print on this Form Form must be Signed All blanks must be Filled

Lease Operator: L.D. Drilling, Inc. Address: 7 SW 26 Ave., Great Bend, KS 67530 Phone: (620) 793-3051 Operator License #: 6039 Type of Well: D & A Docket #: (Oil, Gas D&A, SWD, ENHR, Water Supply Well, Cathodic, Other) (if SWD or ENHR) The plugging proposal was approved on: 03-16-09 (Date) by: Case Morris (KCC District Agent's Name) Is ACO-1 filed? [X] Yes [] No If not, is well log attached? [] Yes [] No Producing Formation(s): List All (If needed attach another sheet)

API Number: 15 - 009-25296-00-00 Lease Name: Betty Well Number: 1 Spot Location (QQQQ): - NW - NW - NE 330 Feet from [X] North / [] South Section Line 2310 Feet from [X] East / [] West Section Line Sec. 36 Twp. 17 S. R. 13 [] East [X] West County: Barton Date Well Completed: D & A Plugging Commenced: 03-17-09 Plugging Completed: 03-17-09

Show depth and thickness of all water, oil and gas formations.

Table with 7 columns: Formation, Content, From, To, Size, Put In, Pulled Out. Row 1: *see attached drilling report, 0', 349', 8 5/8" new 23#, 338.26', 0'

Describe in detail the manner in which the well is plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same depth placed from (bottom), to (top) for each plug set.

Plug well with 165 sacks of 60/40 Poz, 4% gel, 1/4# floesal per sack. 1st plug @ 3330' with 25 sacks. 2nd plug @ 730' with 25 sacks. 3rd plug @ 400' with 60 sacks. 4th plug @ 40' with 10 sacks to surface. Plug mouse hole with 15 sacks. Plug rat hole with 30 sacks.

Job complete @ 5:00 a.m. on 03-17-09 by Basic Energy (tk #19300) Name of Plugging Contractor: Petromark Drilling LLC License #: 33323 Address: PO Box 276, Ellinwood, KS 67526 KCCPRT PERCD213

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Name of Party Responsible for Plugging Fees: L.D. Drilling, Inc. State of Kansas County, Barton, ss. Todd E. Morgenstern, VP/OP of Southwind Drilling, Inc. (Employee of Operator) or (Operator) on above-described well, being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained, and the log of the above-described well is as filed, and the same are true and correct, so help me God.



(Signature) Todd E. Morgenstern (Address) PO Box 276, Ellinwood, KS 67526

SUBSCRIBED and SWORN TO before me this 24 day of March, 20 09. Renee Kasselmann My Commission Expires: 7-15-09 Notary Public

Handwritten initials 'PKT' in the bottom right corner.

**SOUTHWIND DRILLING, INC.
PLUGGING ORDERS AND REPORTS**

Lease: BETTY #1 (L.D. DRILLING)

Plugging received from KCC representative:

Name: CASE MORRIS Date 3-16-09 Time 10:00 P.M.

1st plug @ 3330 ft. 25 sx. Stands: 54 1/2

2nd plug @ 730 ft. 25 sx. Stands: 12

3rd plug @ 400 ft. 60 sx. Stands: 6 1/2

4th plug @ 40 ft. 10 sx. Stands: 1

5th plug @ _____ ft. _____ sx. Stands: _____

Mousehole 15 sx.

Rahole 30 sx.

Total Cement used: 165 sx.

Type of cement 60/40 Poz, 4% GEL, 1/4" FLOSEAL PER SJ

Plug down @ 5:00 A.M., 3-17-09 By BASIC ENERGY, TIC# 19300

Call KCC When Completed:

Name: CASE MORRIS Date 3-17-09 Time 8:30 a.m.

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energy services, L.P.

FIELD ORDER 19300

Subject to Correction

Date	3-17-09	Customer ID		Lease	Betty	Well #	1	Legal	36-17-13
				County	Barton	State	Ks	Station	Pratt Ks
C H A R G E	L.O. Drilling Inc		Depth	Formation		Shoe Joint			
	Casing	Casing Depth	TD	3365'		Job Type		PTA crew	
	Customer Representative			LOU		Treater			

AFE Number		PO Number		Materials Received by	X <i>Debra Thomas</i>
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Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	CP103	165-SK	60/40 Poz		\$1980.00
P	CC102	42-lb	Cell Flake		\$155.40
P	CC200	284-lb	Cement Gel		\$71.00
P	E101	130-mi	Heavy Equip m. lnce		\$910.00
P	E113	462-Tm	Bulk Del. Charge		\$739.20
P	E100	65-mi	Unit m. lnce Charge Pickup		\$276.25
P	CE240	165-SK	Blending & mixing Service Chg		\$231.00
P	5003	1-er	Service Supervisor first 8hrs on loc.		\$175.00
P	CE204	1-4hrs	Depth Chg. 3001-4000		\$2160.00
Discounted Price Plus Taxes					\$4,363.60

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TREATMENT REPORT

CONSERVATION DIVISION
WICHITA, KS

Customer SO Drilling INC	Lease No.	Date
Lease Betty	Well # 1	3-17-09
Field Order # 19300	Station Pratt KS	Casing
Type Job PTA	Formation CNU	Depth
		County Bartow
		State KS
		Legal Description 36-17-13

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size 4 1/2	Shots/Ft	1165 SK	Acid 60/40 P02, 4% GEL	RATE 1/4	PRESS 13.8	ISIP @ 13.82
Depth	Depth	From	To cu. ft.	Pre Pad SK 1.42	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative Lou	Station Manager DAVE SCOTT	Treater Allen F. Worth
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Service Units	28443	19903	19925	19826	19860				
Driver Names	Worth	mike	ma Hal	m: ko	McGraw				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0000					ON Loc. Discuss Safety Setup Plan Job.
0110					Rig Laying down D.C. + Kell. + M.H.
					Start in Hole w/ Plugging Stands.
					1st Plug @ 330 - 25 SKS - Full Hole
0215			10	4	Pump 10 BBLs H2O
			6.3	4	Mix + Pump 25 SKS 60/40 P02 @ 13.8
			3	3	Pump 3 BBL H2O
			43		Disq w/ 43 BBL mud.
0230					Pull D.P. to 730' and Plug
0350			10	4	Pump 10 BBL H2O
			6.3	4	Mix + Pump 25 SKS 60/40 P02 @ 13.8
			3	3	Pump 3 BBL H2O
			6		Pump 6 BBL mud
					Pull D.P. To 400' 3rd Plug
0415			10	4	Pump 10 BBL H2O
			15	3	Mix + Pump 60 SKS 60/40 P02 @ 13.8
			1	2	Pump 1 BBL H2O
0500			2.5		Pull D.P. to 40' To surface - 10 SKS
			7.5		Plug R.H. w/ 30 SKS
			4		Plug M.H. w/ 15 SKS
					Wash up + Rack up Equip.
0600					Job Complete.

SOUTHWIND DRILLING, INC.

RIG #2

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

DRILLING REPORT

Betty #1

Location: 330' FNL & 2310' FEL
API#: 15-009-25296-00-00

Section 36-17S-13W
Barton County, Kansas

OWNER: : L.D. Drilling, Inc.
CONTRACTOR: Southwind Drilling, Inc. Rig #2

COMMENCED: 03-10-09
COMPLETED: 03-17-09

TOTAL DEPTH: Driller: 3365'
Logger: None

Ground Elevation: 1819'
KB Elevation: 1828'

LOG:

0'	-	351'	Sand/Redbed
351'	-	719'	Redbed
719'	-	746'	Anhydrite
746'	-	1128'	Redbed
1128'	-	3365'	Lime/Shale
		3365'	RTD

CASING RECORDS

Surface casing – 8 5/8"

Ran 8 joints of 23# new 8 5/8" surface casing. Tally @ 338.26'. Set @ 349'. Cement with 250 sacks of 60/40 Poz, 3% calcium chloride, 2% gel. Cement did circulate. Plug down @ 10:45 p.m. on 03-10-09 by Basic (tk#19709)

Production casing – 5 1/2"

None – plugged the well

DEVIATION SURVEYS

3/4 degree (s)	@	351'
1/4 degree (s)	@	2960'

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WICHITA, KS

MORNING DRILLING REPORT				Fax to: L.D. Drilling			
Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800			Wellsite Geologist: Jim Musgrove 620-786-0839		WELL NAME		Betty #1
Rig #2 Phone Numbers				L.D. Drilling, Inc. 7 SW 26 th Avenue Great Bend, KS 67530 620-793-3051		LOCATION	
620-617-5921	Rig Cellular (Dog house)	Yes		ELEVATION		G.L. 1819'	K.B. 1828'
620-617-5920	Geologist Trailer Cellular	No				API# 15-009-25296-00-00	
620-450-7682	Tool Pusher Cellular	Yes	LeWayne Tresner				

Driving Directions: From Hoisington: 4 miles East on Hwy. 4, 1 mile North on NE 40 Ave., ½ mile West on NE 120 Rd., South into.

Day 1 Date 03-10-09 Tuesday Survey @ 351' = ¾ degree

Moved Rig #2 on location

Spud @ 1:00 p.m.

Ran 5.25 hours drilling (.50 drill rat hole, 4.75 drill 12 ¼"). Down 18.75 hours (5.50 rig up, .75 trip, .25 rig check, .25 survey, 2.00 run casing/cement, 8.00 wait on cement, 1.25 connection, .25 jet, .25 rig repair, .25 wait on bit)

Mud properties: wt. 9.5, vis. 50

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

Wt. on bit: 15,000, 120 RPM, 400# pump pressure

12 ¼" bit #1 (in @ 0' out @ 282') = 3.50 hrs. - 282'

12 ¼" bit #2 (in @ 282' out @ 351') = 1.25 hrs. - 69'

1" fuel = 34.50 gals.

Fuel usage: 310.50 gals (55" used 9") Start @ 64"

Ran 8 joints of 23# new 8 5/8" surface casing. Tally @ 338.26'. Set @ 349'. Cement with 250 sacks of 60/40 Poz, 3% calcium chloride, 2% gel. Cement did circulate. Plug down @ 10:45 p.m. on 03-10-09 by Basic (tk#19709)

Day 2 Date 03-11-09 Wednesday Anhydrite (719' - 746')

7:00 am - Rig repair @ 351'

Ran 16.75 hours drilling. Down 7.25 hours (2.75 rig repair, .25 drill plug, 3.25 connection, .75 jet, .25 rig check)

Mud properties: fresh water

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

Wt. on bit: 25,000, 80 RPM, 800# pump pressure

12 ¼" bit #1 (in @ 0' out @ 282') = 3.50 hrs. - 282'

12 ¼" bit #2 (in @ 282' out @ 351') = 1.25 hrs. - 69'

7 7/8" bit #1 (in @ 351') = 16.75 hrs. - 1183'

Fuel usage: 379.50 gals (78" used 11") 55" + 34" delivered = 89"

Day 3 Date 03-12-09 Thursday

7:00 am - Drilling @ 1534'

Ran 20.25 hours drilling. Down 3.75 hours (1.75 connection, .75 jet, .50 rig repair, .75 rig check)

Mud properties: fresh water

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

Wt. on bit: 25,000, 80 RPM, 800# pump pressure

12 ¼" bit #1 (in @ 0' out @ 282') = 3.50 hrs. - 282'

12 ¼" bit #2 (in @ 282' out @ 351') = 1.25 hrs. - 69'

7 7/8" bit #1 (in @ 351') = 37.00 hrs. - 1919'

Fuel usage: 448.50 gals (65" used 13")

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MORNING DRILLING REPORT				Fax to: L.D. Drilling				
Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800			Wellsite Geologist: Jim Musgrove 620-786-0839	WELL NAME		Betty #1		
Rig #2 Phone Numbers				LOCATION		330' FNL & 2310' FEL Sec. 36-17S-13W Barton County, KS		
620-617-5921			Rig Cellular (Dog house)	Yes	L.D. Drilling, Inc. 7 SW 26 th Avenue Great Bend, KS 67530 620-793-3051			
620-617-5920			Geologist Trailer Cellular	No	ELEVATION			
620-450-7682			Tool Pusher Cellular	Yes	LeWayne Tresner	G.L. 1819'	K.B. 1828'	API# 15-009-25296-00-00

Driving Directions: From Hoisington: 4 miles East on Hwy. 4, 1 mile North on NE 40 Ave., ½ mile West on NE 120 Rd., South into.

Day 4 Date 03-13-09 Friday

7:00 am – Drilling @ 2270'

Ran 19.00 hours drilling. Down 5.00 hours (.75 rig check, 1.50 rig repair, .50 jet, 1.50 connection, .75 displace, displace @ 3544')

Mud properties: wt. 8.8, vis. 58, water loss 7.2

Daily Mud Cost = \$8,132.45. Mud Cost to Date = \$8,132.45

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

12 ¼" bit #1 (in @ 0' out @ 282') = 3.50 hrs. - 282'

12 ¼" bit #2 (in @ 282' out @ 351') = 1.25 hrs. - 69'

7 7/8" bit #1 (in @ 351') = 56.00 hrs. - 2544'

Fuel usage: 414.00 gals (67" used 12") 65" + 14" delivered = 79"

Day 5 Date 03-14-09 Saturday

Survey @ 2960' = ¼ degree

Pipe strap = 1.54 long to the board

DST #1 (2932' – 2960')

LKC formation

Recovered 60' oil cut mud

7:00 am – Drilling @ 2895'

Ran 10.00 hours drilling. Down 14.00 hours (.50 connection, .50 rig check, 1.25 CFS @ 2960', 2.00 CTCH, 6.75 trip, 2.25 DST #1, .25 rig repair, .25 survey, .25 jet)

Mud properties: wt. 9.0, vis. 62, water loss 8.0

Daily Mud Cost = \$413.45. Mud Cost to Date = \$8,545.90

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

12 ¼" bit #1 (in @ 0' out @ 282') = 3.50 hrs. - 282'

12 ¼" bit #2 (in @ 282' out @ 351') = 1.25 hrs. - 69'

7 7/8" bit #1 (in @ 351') = 66.00 hrs. - 2764'

Fuel usage: 310.50 gals (58" used 9")

Day 6 Date 03-15-09 Sunday

DST #2 (3099' – 3184')

LKC formation

Recovered 450' gas and

50' slight oily gassy cut mud

7:00 am – Drilling @ 3115'

Ran 12.50 hours drilling. Down 11.50 hours (.50 rig check, .25 connection, .50 rig repair, 1.00 CFS @ 3150', 1.00 CFS @ 3184', 5.75 trip, 2.50 DST #2)

Mud properties: wt. 9.1, vis. 49, water loss 9.6

Daily Mud Cost = \$200.00. Mud Cost to Date = \$8,745.90

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

12 ¼" bit #1 (in @ 0' out @ 282') = 3.50 hrs. - 282'

12 ¼" bit #2 (in @ 282' out @ 351') = 1.25 hrs. - 69'

7 7/8" bit #1 (in @ 351') = 78.50 hrs. - 2960'

Fuel usage: 310.50 gals (49" used 9")

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MORNING DRILLING REPORT				Fax to: L.D. Drilling			
Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800			Wellsite Geologist: Jim Musgrove 620-786-0839	WELL NAME		Betty #1	
				LOCATION		330' FNL & 2310' FEL Sec. 36-17S-13W Barton County, KS	
Rig #2 Phone Numbers				L.D. Drilling, Inc. 7 SW 26 th Avenue Great Bend, KS 67530 620-793-3051			
620-617-5921	Rig Cellular (Dog house)	Yes					
620-617-5920	Geologist Trailer Cellular	No					
620-450-7682	Tool Pusher Cellular	Yes	LeWayne Tresner	ELEVATION	G.L. 1819'	K.B. 1828'	API# 15-009-25296-00-00

Driving Directions: From Hoisington: 4 miles East on Hwy. 4, 1 mile North on NE 40 Ave., ½ mile West on NE 120 Rd., South into.

Day	7	Date	03-16-09	Monday	DST #3 (3323' - 3362')
					<u>Arbuckle formation</u>
					<u>Recovered 30' oil, 900' water & 300' oil & water cut mud</u>

RTD = 3365'

7:00 am - Drilling @ 3311'

Ran 3.25 hours drilling. Down 20.75 hours (.25 rig check, 1.00 CFS @ 3345', 1.00 CFS @ 3357', 1.00 CFS @ 3362', 7.00 trip, 1.75 DST #3, .25 wait on orders, .50 CTCH, 1.00 nipple down, 4.00 lay down pipe, 1.00 plug, 2.00 tear down)

Mud properties: wt. 9.1, vis. 49, water loss 9.6

Daily Mud Cost = \$583.45. **Total Mud Cost = \$9,329.35**

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

12 ¼" bit #1 (in @ 0' out @ 282') = 3.50 hrs. - 282'

12 ¼" bit #2 (in @ 282' out @ 351') = 1.25 hrs. - 69'

7 7/8" bit #1 (in @ 351' out @ 3365') = 81.75 hrs. - 3014'

Fuel usage: 172.50 gals (44" used 5")

Plug well with 165 sacks of 60/40 Poz, 4% gel, ¼# floseal per sack.

1st plug @ 3330' with 25 sacks. 2nd plug @ 730' with 25 sacks. 3rd plug @ 400' with 60 sacks.

4th plug @ 40' with 10 sacks to surface. Plug mouse hole with 15 sacks. Plug rat hole with 30 sacks.

Job complete @ 5:00 a.m. on 03-17-09 by Basic Energy (tk #19300)

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