

31-15-13W

31-15S-15W
NE NE NW

SOUTHWIND DRILLING, INC.

RIG #3

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

DRILLING REPORT

Leo #2

Location: 580' FNL & 2310' FWL
API#: 15-167-23513-00-00

Section 31-15S-13W
Russell County, Kansas

OWNER: _____ : ALEO Oil Company
CONTRACTOR: Southwind Drilling, Inc. Rig #3

COMMENCED: 05-24-08
COMPLETED: 05-30-08

TOTAL DEPTH: Driller: 3284'
Logger: 3284'

Ground Elevation: 1850'
KB Elevation: 1858'

LOG :

0'	-	372'	Shale/Iron Pyrite
372'	-	730'	Clay/Redbed
730'	-	1380'	Shale
1380'	-	3284'	Lime/Shale
		3284'	RTD

CASING RECORDS

Surface casing - 8 5/8"

Ran 9 joints of 23# new 8 5/8" surface casing. Tally @ 362.87'. Set @ 372'. Cement with 200 sacks of common, 3% calcium chloride, 2% gel. Cement did circulate. Plug down @ 5:30 p.m. on 05-24-08 by Quality Cementing (tk #1964).

Production casing - 5 1/2"

Ran 79 joints of 15 1/2# new 5 1/2" production casing. Tally @ 3264.98'. Set @ 3277'. Port collar @ 856'. Cement with 160 sacks of PWC, 10% salt. Flush with 500 gallons of Mud Clear. Plug rat hole with 15 sacks. Used a total of 175 sacks. Job complete @ 12:45 am on 05-30-08 by Quality Cement (tk #2402).

DEVIATION SURVEYS

1 1/4 degree (s)	@	372'
3/4 degree (s)	@	3070'

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WICHITA, KS

MORNING DRILLING REPORT			Fax to: 620-653-4933				
Scuthwind Drilling, Inc. PO Box 276 - 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Francis Whisler 785-483-3496		WELL NAME Leo #2		LOCATION 580' FNL & 2310' FWL Sec. 31-15S-13W Russell County, Ks	
Rig #3 Phone Numbers			ALEO Oil Company 1864 NW 20 Avenue Hoisington, KS 67544 620-653-4933				
620-566-7104	Rig Cellular (Dog house)			ELEVATION	G.L. 1850'	K.B. 1858'	API# 15-167-23513-00-00
620-566-7108	Geologist Trailer Cellular						
620-617-4477	Tool Pusher Cellular		Jay Krier				

Driving Directions: From 281 Hwy & Russell/Barton County line: 1 mile North to Michaelis Road, 1 1/2 miles East, 1/4 mile South, East into.

Day	1	Date	05-24-08	Saturday	Survey @ 372' = 1 1/4 degrees
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Moved Rig #3 on location

Spud @ 10:30 a.m.

Ran 6.75 hours drilling (.50 drill rat hole, 3.25 drill 12 1/4", 3.00 drill 7 7/8"). Down 17.25 hours (3.00 rig up, .25 trip, .25 survey, 1.50 casing/cement, 8.00 wait on cement, .50 CTCH, 2.50 connection, .25 drill plug, 1.00 rig repair).

Mud properties: spud mud

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

Wt. on bit: 20,000, 95 RPM, 500# pump pressure

12 1/4" bit #1 (in @ 0' out @ 372') = 3.25 hrs. - 372'

7 7/8" bit #1 (in 372') 3.00 hrs. - 358'

1" fuel = 39.00 gals.

Fuel usage: 312.00 gals. (77" used 8") Start @ 23" + 62" delivered = 85"

Ran 9 joints of 23# new 8 5/8" surface casing. Tally @ 362.87'. Set @ 372'. Cement with 200 sacks of common, 3% calcium chloride, 2% gel. Cement did circulate. Plug down @ 5:30 p.m. on 05-24-08 by Quality Cementing (tkr #1964).

Day	2	Date	05-25-08	Sunday
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7:00 am - Drilling @ 730'

Ran 17.25 hours drilling. Down 6.75 hours (1.00 rig check, 2.25 weather, 1.25 jet, 2.25 connection).

Mud properties: spud mud

Daily Mud Cost = \$0.00. Mud Cost to Date = \$991.15

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

12 1/4" bit #1 (in @ 0' out @ 372') = 3.25 hrs. - 372'

7 7/8" bit #1 (in 372') 20.25 hrs. - 1180'

Fuel usage: 429.00 gals. (66" used 11")

Day	3	Date	05-26-08	Monday
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7:00 am - Drilling @ 1910'

Ran 19.00 hours drilling. Down 5.00 hours (.50 rig check, 1.50 rig repair, .50 jet, 1.50 connection, 1.00 displace @ 2533')

Mud properties: wt. 8.7, vis. 55, water loss 8.0

Daily Mud Cost = \$3,323.95. Mud Cost to Date = \$4,315.10

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

12 1/4" bit #1 (in @ 0' out @ 372') = 3.25 hrs. - 372'

7 7/8" bit #1 (in 372') 39.25 hrs. - 2288'

Fuel usage: 429.00 gals. (55" used 11")

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WICHITA, KS

MORNING DRILLING REPORT		Fax to: 620-653-4933	
Southwind Drilling, Inc. PO Box 276 - 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Francis Whisler 785-483-3496	
Rig #3 Phone Numbers		WELL NAME	Leo #2
620-566-7104	Rig Cellular (Dog house)	LOCATION	580' FNL & 2310' FWL Sec. 31-15S-13W Russell County, Ks
620-566-7108	Geologist Trailer Cellular	ALEO Oil Company 1864 NW 20 Avenue Hoisington, KS 67544 620-653-4933	
620-617-4477	Tool Pusher Cellular	Jay Krier	ELEVATION
		G.L. 1850'	K.B. 1858'
		API# 15-167-23513-00-00	

Driving Directions: From 281 Hwy & Russell/Barton County line: 1 mile North to Michaelis Road, 1 1/2 miles East, 1/4 mile South, East into.

Day Date 05-27-08 Tuesday Survey @ **3070'** = 3/4 degree

7:00 am - Drilling @ 2660'

Ran 16.00 hours drilling. Down 8.00 hours (1.00 CFS @ 2920', 1.00 CFS @ 3070', 1.00 CTCH, 2.25 trip, .75 rig check, .75 rig repair, .25 survey, 1.00 connection)

Mud properties: wt. 9.0, vis. 58

Daily Mud Cost = \$731.21. Mud Cost to Date = \$5,046.37

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

12 1/4" bit #1 (in @ 0' out @ 372') = 3.25 hrs. - 372'

7 7/8" bit #1 (in 372') = 55.25 hrs. - 2698'

Fuel usage: 351.00 gals. (46" used 9")

Day Date 05-28-08 Wednesday DST #1 (2958' - 3070')

Toronto/LKC formation

Recovered 145' oil cut gassy mud

7:00 am - Tripping out with bit for DST #1 @ 3070'

Ran 12.50 hours drilling. Down 11.50 hours (1.00 CTCH, 5.75 trip, .25 rig repair, .25 rig check, 3.00 DST #1, .50 connection, .75 wait on tester)

Mud properties: wt. 9.2, vis. 79, water loss 8.0

Daily Mud Cost = \$1,235.77. Daily Mud Cost = \$6,282.14

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

12 1/4" bit #1 (in @ 0' out @ 372') = 3.25 hrs. - 372'

7 7/8" bit #1 (in 372' out @ 3070') = 55.25 hrs. - 2698'

7 7/8" bit #2 (in @ 3070') = 12.50 hrs. - 206'

Fuel usage: 351.00 gals. (37" used 9")

Day Date 05-29-08 Thursday

RTD = 3284'

LTD = 3284'

7:00 am - Drilling @ 3276'

Ran 0.50 hours drilling. Down 23.50 hours (1.25 CFS @ 3284', 1.00 CTCH, 3.00 trip, 4.00 log, 4.00 run casing/cement, 1.00 nipple down, 3.00 lay down drill pipe, .50 set slips, 5.75 tear down)

Mud properties: wt. 9.2, vis. 60, water loss 8.0

Daily Mud Cost = \$121.50. Total Mud Cost = \$6,403.64

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

12 1/4" bit #1 (in @ 0' out @ 372') = 3.25 hrs. - 372'

7 7/8" bit #1 (in 372' out @ 3070') = 55.25 hrs. - 2698'

7 7/8" bit #2 (in @ 3070' out @ 3284') = 13.00 hrs. - 214'

Fuel usage: 312.00 gals. (29" used 8")

Ran 79 joints of 15 1/2# new 5 1/2" production casing. Tally @ 3264.98'. Set @ 3277'. Port collar @ 856'. Cement with 160 sacks of PWC, 10% salt. Flush with 500 gallons of Mud Clear. Plug rat hole with 15 sacks. Used a total of 175 sacks. Job complete @ 12:45 am on 05-30-08 by Quality Cement (tk #2402).

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