

15-199-20314

5-15s-41w

JOB

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GEOLOGICAL REPORT

PELICAN HILL OIL & GAS, Inc.

Flying V No. 1-5
SW SW SW
Section 5-15S-41W
Wallace County, KS

RECEIVED

JUN 15 2009

KCC WICHITA

OPERATOR: PELICAN HILL OIL & GAS, Inc.
 WELL: FLYING V 1-5
 API NO.: 15-199-20314
 LOCATION: SW SW SW, SECTION 5-15S-41W, WALLACE COUNTY, KS
 WELLSITE: FARMGROUND
 COMMENCED: JUNE 4, 2004
 COMPLETED: JUNE 14, 2004
 ELEVATIONS: 3755' GL ; 3765' KB
 TOTAL DEPTH: 5100' (DRILLER); 5104' (LOG)
 CASING: SURFACE: 8 5/8 @ 374 W/ 240 SKS.
 PRODUCTION: 5 1/2 @ 5102 W/ 150 SKS.
 Port Collar @ 2700'
 SAMPLES: 10 FT. FROM 4600' TO T.D.
 LOGS: DUAL INDUCTION, DUAL COMPENSATED POROSITY, MICRORESISTIVITY, BOREHOLE COMPENSATED SONIC (LOG-TECH)
 DRILLSTEM TESTS: ONE (1) BY TRILOBITE TESTING
 CONTRACTOR: MURFIN DRILLING (RIG 14)
 REMARKS: Geological supervision: 4500' - T.D.

FORMATION TOPS	ELECTRICAL LOG		SAMPLES	
		SUBSEA		SUBSEA
Anhydrite	2744	+1021	2746	+1019
Cherokee Shale	4703	- 938	4700	- 935
Morrow Shale	4939	-1174	4936	-1171
Morrow Sandstone	4954	-1189	4941	-1176
Morrow Limestone	5032	-1267	5034	-1269
Total Depth	5104	-1339	5100	-1335

SAMPLE ZONE DESCRIPTION

Logger's Measurements
CHEROKEE 4703 -938

There were no shows of oil/gas observed in the porous zones during the drilling of the Cherokee section.

Morrow Shale 4939 -1174

Morrow Sandstone 4954 -1189

4954-4974, Sandstone: clear to frosted, fine grained, fairly sorted to poorly sorted, angular, friable clusters, fair show of free oil, fair show of gas when clusters are broken, excellent fluorescence and cut fluorescence, fair odor.

Drill Stem Test No. 1: 4916-4975 /45-60-30-60/ Initial flow: strong blow, bottom of bucket in 3 minutes, gas to surface in 45 minutes, too small to measure, Initial shut in: bled off for 3 minutes, bottom of bucket immediately, Final flow: gas to surface, too small to measure, bottom of bucket in 2 minutes, Final shut in: bled off for 3 minutes, bottom of bucket in 2 minutes, Recovered 2500' Gas in pipe, 2600' of fluid recovered, 2600' of gas cut oil, 55% gas, 45% oil, bottom hole temperature 141 F, 39 API gravity @ 100 F, corrected API gravity 35.

IHP 2386
 IFP 185-486
 ISIP 1022
 FFP 529-611
 FSIP 1023
 FHP 2356

FORMATION	PELICAN HILL Flying V #1-5 SW SW SW 5-15S-41W	PELICAN HILL #1-8 Cox 800' FNL, 950' FWL 8-15S-41W	PELICAN HILL #3-8 Okeson 40' S, NW SW NE 8-15S-41W
Anhydrite	+1021	+1021	+1027
Cherokee Shale	-938	-948	-927
Morrow Shale	-1174	-1190	-1164
Morrow Sandstone	-1189		-1185
Morrow Limestone	-1269	-1290	-1269

SUMMARY AND RECOMMENDATIONS

Structural position, drill stem tests, electrical log analysis and sample examination indicate probable commercial production from the Morrow Sandstone. 5 ½" casing was set 2 feet off bottom @ 5102'. The following zones are recommended for testing:

1. Morrow Sandstone: 4956-4972'

Measurements were taken from rotary kelly bushing (10 feet above ground level). Log measurements are taken as correct.

Respectfully Submitted,



Scott Corsair

Petroleum Geologist #55

