

07-24S-14E

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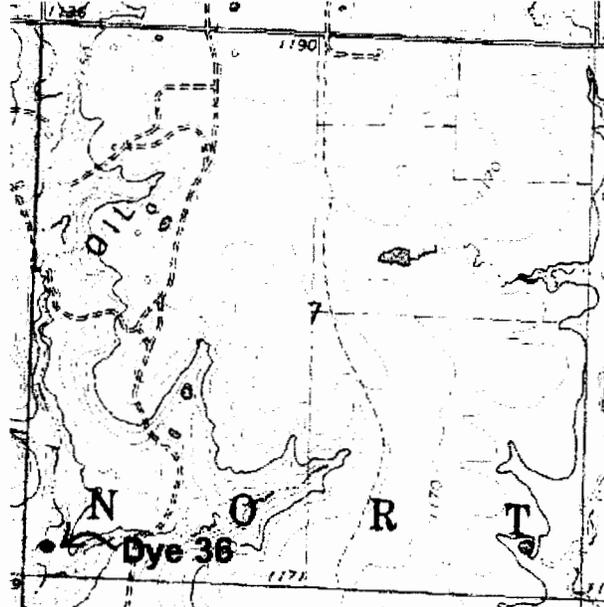
Geological Wellsite Report

June 26, 2007

Haas Petroleum, LLC
800 W. 47th St, Suite 409
Kansas City, MO 64112
Attn: Mark Haas

EnerJex Resources, Inc.
7300 W. 110th St., 7th Floor
Overland Park, KS 66210
Attn: Brad Kramer

RE: Geological Wellsite Report
Dye No. 36, Producer Well
SW SW SW SW4
Section 7, T24S – R14E
Woodson County, Kansas



The following report on the subject well includes detailed information and geological data based on microscopic examination of rotary drill cuttings and drill bit rate of penetration from 1250' to a total depth of 1727' below the kelly bushing. A detailed log that plots drilling time, sample cuttings description and the geological tops is included. Subsea corrected geological tops were based on an estimated kelly bushing elevation of 1090', which is 7' above the estimated topo ground level elevation of approximately 1083'.

Daily Progress

- June 20, 2007; Spud Well, Set approximately 40' of 8 5/8-inch surface casing.
- June 21, 2007; Drill from 40' to 655'.
- June 22, 2007; Drill from 655' to TD at 1410'
- June 23, 2007; Drill from 1410' to TD at 1727'
- June 24, 2007; Run Open-Hole Log, Set and cement 4½-inch casing.

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Well Information

Well Name: Dye No. 36 **Elev.:** Topo Est. GL 1083', KB 1090'

Location: SW SW SW SW4
300' fsl, 240' fwl (Laser Range Finder)
Section 7, T 24S-R 14E
Woodson County, Kansas

GPS lat long Coord: N37.96799, W-95.92128

API No.: 15-207-27184-00-00 **Field:** Winterschied

Operator: Haas Petroleum, LLC

Contact Person: Mark Haas

Drilling Co.: Skyy Drilling
Yates Center, Kansas, 66865
KS Operator License No.: 33557

Drilling Co. Owner: Mark Haas **Tool Pusher:** Ben Harrell

Cement Co.: Consolidated Oil Well Service Co.
KS Operator License No.: 04996

Status: Pending Completion **Spud Date:** June 20, 2007

Driller Total Depth: 1727' KB **Date Reached TD:** June 23, 2007

Open-Hole Log Total Depth: 1727' KB

Surface Casing: Hole drilled with 12 ¼" bit, 40' of 8 5/8",
Cemented with approximately 30 sacks of class "A" cement with 2% gel
and 3% CaCl₂ on June 20, 2007.

Drilling Notes: Second well with 5-row (Ulterra) PDC 6¾-inch Bit from 40' to 1659'
Button bit (6 3/4-inch) from 1659' to TD at 1727'
(6) 5 3/4-inch drill collars
3½" by 31' (average length) drill pipe
Mud pump, 2-Cylinder, 6" x 12" stroke
Drilling time provided from 1250' to TD
Sample travel time to surface (lag), approx. 1 min. per 125 to 150 feet

Mud Program: Native fresh water mud to 1200', fresh water gel mud from 1200' to TD
Fudd Mud, Inc. provided daily monitoring of chemical drilling mud,
Preferred properties; 33 to 36 vis, 8.9 to 9.4 wt.

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Dye No. 36
Wellsite Geology Report
By David Griffin, RG
June 22, 2007

Geological Supervision:

David Griffin, RG, provided wellsite supervision on June 22 to June 24, 2007 for depths from 1250' to 1727' TD and for open-hole logging. Samples microscopically examined for the entire interval.

Logs and Cores:

Open-hole density, porosity, dual induction, and microlog logs were ran for this well by Osage Wireline. A cased-hole gamma-ray neutron log will later be obtained for correlation and perforation considerations. No cores were cut for this well.

Geological Datums:

Dye No.36, Geological Tops					Dye 37
SW SW SW SW4, Sec. 7	KB Sample Depth		KB Log Depth		NE SW SW SW4
Topo KB Elev. 1090	Depth	Subsea	Depth	Subsea	Topo KB Elev. 1109, OH Log, Subsea
Ireland SS, Gas?	195	895	194	896	902
Base of Kansas City Group			914	176	168
Cherokee Group	1251	-161	1251	-161	-158
U. Squirrel SS	1256	-166	1256	-166	-165
Ardmore LS	1351	-261	1352	-262	-264
Cattleman SS	1364	-274	1365	-275	-274
Bartlesville Zone Marker			1478	-388	-381
Bartlesville SS	1524	-434	1524	-434	
Chat Conglomerate	1595	-505	1595	-505	-501
Mississippian LS	1623	-533	1621	-531	-512
Miss. Dol, Pay Zone	1638	-548	1640	-550	-542
Miss. LS 'B'	1694	-604	1695	-605	NA
Total Depth	1727	-637	1727	-637	-614

Structural Comparisons:

Structural comparison of subsea corrected geological sample tops for Dye No. 36 to Dye No. 37, an injector well lying 394' to the northeast indicates that the top of the Mississippian limestone was 19' lower in structure and the top of the dolomite pay zone was 8' lower in structure.

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Dye No. 36
Wellsite Geology Report
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June 22, 2007

Hydrocarbon Shows and Saltwater Calculations

(See attached SW Calculation Table)

Douglas Group; Ireland Sandstone, Open-Hole Log tops, 194' to 202', Open-Hole Log indicates hydrocarbons present. At 199', the porosity is 27% and Sw calculates to be 31% using the Archie Equation. Since no oil show or odor was detected in the samples, it is believed the hydrocarbon log response is most likely from gas. However, this could not be confirmed since a gas detector was not available when drilling this well. It is unknown whether the zone has been properly cemented off in the nearby older wells which would greatly impact the commercial viability of this zone.

Cherokee Group; Upper Squirrel Sandstone, Open-Hole Log tops 1256' to 1265', Slight show of tar, very slight odor, no oil bleeding, no fluorescence. Best porosity is about 14% and Sw calculates to be 100%, zone is non-commercial.

Cherokee Group; Cattleman Sandstone, Open-Hole Log tops 1365' to 1367', no odor, very slight show of oil, trace of bleeding oil droplets. Best porosity is about 15% with Sw estimated to be near 100%, zone is non-commercial.

Pennsylvanian; Chat, Cherty, Sandy, Silty, Conglomerate, Open-Hole Log tops, 1595' to 1605' and 1609' to 1619', OH-log indicates hydrocarbon are present; however, there was no odor or fluorescence in the samples. Porosities range from 10.6% to 15% and SW calculations range from 43.6% to 52.6%, based on R_w of 0.12 and m of 1.8. It is likely that the favorable log response is due to gas; however since a gas detector was not used for this well, it can not be verified that the zone is gassy.

Mississippian; Dolomite, Sample observations indicate cherty dolomite lies from 1634' to 1640' with a slight odor, minor fluorescence (5%) and no free oil. Cherty dolomite also lies from 1638' to 1645' and contains a fair show of free oil and fluorescence (20%) in the samples. Log data indicates the best zone lies from 1634' to 1641' with saltwater calculations that range from 70.7% to 82.9% using an R_w of 0.11 and M of 2.0. It is unclear why the sample observations do not match the log calculations other than that the log may be responding to gas in the upper part of the pay zone that could not be detected in the samples. If this is the case, then the observed oil show pay zone is high in saltwater.

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Dye No. 36
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June 22, 2007

Sample Observations of Major Zones of Interest

Ireland Sandstone:

195' to 202', Sample

Sandstone, very light gray to clear, very fine to fine grained, sub-angular quartz, very good to excellent porosity, no show of oil, odor or fluorescence.

Upper Squirrel Sandstone:

1256' to 1265', Sample

Sandstone, gray, laminated, very fine grained, quartz with silt throughout, fair porosity, slight show of tar, very slight odor, no bleeding, not fluorescent, micaceous.

Cattleman Sandstone:

1364' to 1367'

Sandstone, very light gray, very fine grained, sub-angular, fair porosity, very slight show of oil, trace of oil droplets on wash water, no odor or fluorescence.

Bartlesville Sandstone:

1524' to 1534', (Sample)

Sandstone, light gray, very fine to fine grained, sub-rounded, minor mica and carbon, no show of oil, odor, or fluorescence.

Pennsylvanian; Chat Conglomerate:

1595' to 1619', (Sample)

Conglomerate, varied colored, silty, sandy (very fine to medium grained quartz) abundant chert (as gravel?) white to light gray to translucent gray, also contains gray to green shale, no odor or fluorescence. Lower part may contain weathered brown limestone clasts. Sandy clusters have fair to good porosity. Log indicates hydrocarbon present, but no shows are visible in sample.

Mississippian:

Limestone

1623' to 1634', (Sample)

Limestone, cream color, fine to medium crystalline, pelletal, calcarenite or grainstone, thin beds of light gray quartz silty sandstone, sand is very fine to medium grained well rounded quartz, poor sorting, limestone zones have fair crystalline porosity and poor vugular porosity, no odor, no fluorescence, no show of oil. There also appears to be some gray shale; however, it is difficult to discern from washout.

Dolomite, Pay Zone,

Best Pay, 1638' to 1645', (Sample)

Dolomite, calcareous, light gray, tannish gray to tan, very fine crystalline, fair crystalline and vugular porosity, contains 10% to 60% chert, white to tan. Although the top of the dolomite is at 1634', no free oil was observed in the 1635' to 1640' circulation samples, the 1640' 10 min CFS circulation sample contained 5% bright

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green fluorescence and probably had some free oil though. The circulation samples from 1640 to 1645 contained a fair odor and a fair showing of free oil as a fluorescent scum on the wash water and on the sample bags, 10% to 20% of the cuttings are bright green fluorescent from 1640 to 1645. The circulation samples from 1645' to 1650' contained a slight show of free oil with 10% fluorescence. Below 1650' the samples were poor and contained a high percentage of shale, likely due to the PDC bit failing, which was replaced at 1659' with a button bit to TD.

Recommendations:

This well had an approximately 12' of oil show from 1638' to 1650', with the best zone from 1640' to 1645' containing a fair (marginal) show of free oil. Saltwater calculations from 1634' to 1640' are 70.7% to 80.2%, whereas from 1640' to 1645' are 82.9% to 96.5%. Since no free oil was observed in the samples in the upper part of the dolomite from 1635' to 1640', it is thought this is mostly due to a gas effect. The top of the dolomite oil pay zone was 8' structurally lower than in Dye No. 37 to the northeast. Since Dye 36 offsets Dye 37, an injector with a very good showing of oil, the operator decided to set and cement 4 ½-inch casing and put on a low priority completion schedule.

Based on the log responses, saltwater calculations and sample observations, it is recommended that the Mississippian Dolomite be perforated from 1638' to 1645' (KB, Open-Hole Log) and stimulated with acid for intended use as a producing well.

Respectfully Submitted,



David B. Griffin, RG
Consulting Geologist

Attachments: Drilling Time, Sample Description and Geological Tops Log, Saltwater Calculation Tables

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Dye No. 36
Mississippian Dolomite

Model = Archie

PARAMETERS	ZN	DEPTH	THK	RT	PHI	RWA	RO	MA	SW	BVW	VSH	PAY	FLOW
X	1	1620	0.5	14.6	13.8%	0.28	5.74	2.47	62.6%	0.087	0.908	0	
Y	2	1620.5	0.5	15	12.4%	0.23	7.18	2.35	69.3%	0.086	0.900	0	
A	3	1621	0.5	15.3	12.0%	0.22	7.64	2.33	70.8%	0.085	0.908	0	
M	4	1621.5	0.5	15.7	11.9%	0.22	7.72	2.33	70.2%	0.084	0.866	0	
N	5	1622	0.5	16.1	11.5%	0.21	8.32	2.31	71.8%	0.083	0.739	0	
RW	6	1622.5	0.5	16.6	11.0%	0.20	9.12	2.27	74.0%	0.081	0.587	0	
CTHK	7	1623	0.5	17.3	11.2%	0.22	8.72	2.31	70.9%	0.080	0.704	0	
AVPHI	8	1623.5	0.5	18.3	12.0%	0.26	7.65	2.41	64.6%	0.078	0.849	0	
FTOIL	9	1624	0.5	19.7	11.9%	0.28	7.78	2.44	62.8%	0.075	0.818	0	
PAYFEET	10	1624.5	0.5	21.7	10.5%	0.24	10.01	2.34	68.0%	0.071	0.759	0	
P	8521	11	1625	0.5	24.1	9.0%	0.20	13.56	2.24	75.0%	0.068	0.718	0
Q	4.4	12	1625.5	0.5	26.9	7.9%	0.17	17.81	2.16	81.3%	0.064	0.646	0
R	2	13	1626	0.5	30.2	6.1%	0.11	29.76	2.01	99.2%	0.060	0.476	0
DMIN	1620	14	1626.5	0.5	34	4.2%	0.06	62.53	1.81	135.6%	0.057	0.329	0
DMAX	1660	15	1627	0.5	37.9	2.0%	0.02	269.13	1.50	266.4%	0.054	0.230	0
KB	1191	16	1627.5	0.5	42	0.1%	0.00	#####	0.86	#####	0.051	0.161	0
TD	1727	17	1628	0.5	46.5	0.1%	0.00	#####	0.88	#####	0.049	0.137	0
BHT	90	18	1628.5	0.5	52.1	0.5%	0.00	#####	1.16	919.2%	0.046	0.179	0
ST	75	19	1629	0.5	56.1	2.8%	0.04	138.68	1.75	157.2%	0.044	0.326	0
RMF	1.4	20	1629.5	0.5	57.2	4.6%	0.12	53.05	2.02	96.3%	0.044	0.486	0
RMFT	75	21	1630	0.5	54.4	5.2%	0.15	40.58	2.10	86.4%	0.045	0.511	0
		22	1630.5	0.5	47.6	5.1%	0.12	42.05	2.04	94.0%	0.048	0.430	0
CUT-OFFS		23	1631	0.5	38.8	3.7%	0.05	80.64	1.78	144.2%	0.053	0.393	0
PHICUT	0.1	24	1631.5	0.5	29.6	2.2%	0.01	221.82	1.47	273.6%	0.061	0.398	0
SWCUT	0.85	25	1632	0.5	22	1.9%	0.01	296.61	1.34	367.0%	0.071	0.278	0
VSHCUT	0.5	26	1632.5	0.5	16.5	1.8%	0.01	326.11	1.25	444.0%	0.082	0.163	0
BVWCUT	0.14	27	1633	0.5	12.7	3.3%	0.01	99.50	1.39	280.2%	0.093	0.196	0
		28	1633.5	0.5	9.96	8.1%	0.07	16.78	1.79	129.8%	0.105	0.203	0
Colors: ON		29	1634	0.5	8.2	13.6%	0.15	5.99	2.16	85.5%	0.116	0.172	0
		30	1634.5	0.5	7	17.2%	0.21	3.70	2.36	72.7%	0.125	0.169	0.02
RSH		31	1635	0.5	6.17	18.9%	0.22	3.08	2.42	70.7%	0.134	0.134	0.03
PHISH		32	1635.5	0.5	5.64	19.6%	0.22	2.88	2.41	71.4%	0.140	0.125	0.03
		33	1636	0.5	5.39	20.0%	0.21	2.76	2.41	71.6%		0.152	0
		34	1636.5	0.5	5.31	20.1%	0.22	2.71	2.42	71.5%		0.172	0
		35	1637	0.5	5.37	20.0%	0.21	2.75	2.42	71.5%		0.177	0
		36	1637.5	0.5	5.52	19.8%	0.22	2.81	2.42	71.4%		0.143	0
		37	1638	0.5	5.7	19.3%	0.21	2.95	2.40	71.9%	0.139	0.135	0.03
Lat-Long_to_UTM		38	1638.5	0.5	5.88	19.0%	0.21	3.05	2.40	72.0%	0.137	0.188	0.03
LONG.		39	1639	0.5	6.06	18.3%	0.20	3.29	2.36	73.7%	0.135	0.183	0.02
LAT.		40	1639.5	0.5	6.22	17.1%	0.18	3.76	2.29	77.8%	0.133	0.162	0.02
UTMZONE		41	1640	0.5	6.28	16.5%	0.17	4.05	2.24	80.2%	0.132	0.213	0.02
PRJZONE		42	1640.5	0.5	6.27	16.0%	0.16	4.31	2.20	82.9%	0.132	0.291	0.01
UTM, X		43	1641	0.5	6.15	14.8%	0.14	5.00	2.11	90.1%	0.134	0.292	0
UTM, Y		44	1641.5	0.5	5.94	14.4%	0.12	5.31	2.06	94.6%	0.136	0.241	0
		45	1642	0.5	5.66	15.3%	0.13	4.68	2.10	90.9%	0.139	0.189	0
SIM. PARAMETERS		46	1642.5	0.5	5.33	16.4%	0.14	4.11	2.14	87.7%		0.112	0
GR. PAY		47	1643	0.5	5.01	16.6%	0.14	3.98	2.13	89.2%		0.100	0
NET PAY		48	1643.5	0.5	4.73	16.2%	0.12	4.18	2.07	94.1%		0.104	0
PAY TOP		49	1644	0.5	4.54	16.1%	0.12	4.23	2.04	96.5%		0.087	0
AVG. PHI		50	1644.5	0.5	4.39	17.2%	0.13	3.73	2.09	92.2%		0.080	0
PERM. X		51	1645	0.5	4.19	17.8%	0.13	3.48	2.11	91.1%		0.070	0
PERM. Y		52	1645.5	0.5	3.95	17.5%	0.12	3.58	2.06	95.1%		0.089	0
PERM. Z		53	1646	0.5	3.68	16.9%	0.10	3.86	1.97	102.4%		0.110	0

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OIL SAT.	54	1646.5	0.5	3.43	16.2%	0.09	4.18	1.89	110.5%	0.179	0.143	0
WTR SAT.	55	1647	0.5	3.24	16.1%	0.08	4.23	1.85	114.4%	0.194	0.125	0
INT PR	56	1647.5	0.5	3.09	16.4%	0.08	4.10	1.84	115.1%	0.189	0.108	0
	57	1648	0.5	2.96	17.4%	0.09	3.65	1.88	111.0%	0.193	0.126	0
LANDGRID	58	1648.5	0.5	2.84	19.0%	0.10	3.04	1.96	103.5%	0.197	0.152	0
TWN	59	1649	0.5	2.76	20.6%	0.12	2.60	2.04	97.1%	0.200	0.181	0
SEC	60	1649.5	0.5	2.72	21.4%	0.12	2.40	2.08	94.0%	0.204	0.162	0
Ft. North	61	1650	0.5	2.74	21.3%	0.12	2.42	2.08	93.8%	0.200	0.127	0
Ft. South	62	1650.5	0.5	2.84	20.9%	0.12	2.51	2.08	94.0%	0.197	0.109	0
Ft. East	63	1651	0.5	2.98	20.7%	0.13	2.58	2.09	93.0%	0.192	0.118	0
Ft. West	64	1651.5	0.5	3.16	20.0%	0.13	2.74	2.09	93.1%	0.194	0.136	0
	65	1652	0.5	3.35	19.6%	0.13	2.86	2.10	92.4%	0.197	0.141	0
CROSS SECTION	66	1652.5	0.5	3.55	19.2%	0.13	3.00	2.10	91.9%	0.196	0.111	0
DATUM 1	67	1653	0.5	3.75	18.4%	0.13	3.26	2.08	93.2%	0.194	0.071	0
DATUM 2	68	1653.5	0.5	3.94	18.5%	0.14	3.21	2.12	90.2%	0.197	0.061	0
No. of Prf	69	1654	0.5	4.11	19.0%	0.15	3.06	2.18	86.2%	0.194	0.090	0
Part Top	70	1654.5	0.5	4.23	19.0%	0.15	3.05	2.20	84.8%	0.195	0.115	0
Part Bot	71	1655	0.5	4.28	18.7%	0.15	3.16	2.18	85.9%	0.199	0.170	0
	72	1655.5	0.5	4.24	17.8%	0.13	3.47	2.12	90.4%	0.191	0.298	0
	73	1656	0.5	4.18	16.0%	0.11	4.31	1.98	101.6%	0.192	0.436	0
	74	1656.5	0.5	4.13	14.3%	0.08	5.35	1.87	113.8%	0.193	0.482	0
	75	1657	0.5	4.1	14.4%	0.08	5.33	1.86	114.0%	0.194	0.465	0
	76	1657.5	0.5	4.08	15.9%	0.10	4.34	1.97	103.1%	0.194	0.412	0
	77	1658	0.5	4.06	17.2%	0.12	3.72	2.05	95.8%	0.195	0.321	0
	78	1658.5	0.5	4.07	17.0%	0.12	3.79	2.04	96.5%	0.194	0.236	0
	79	1659	0.5	4.15	16.7%	0.12	3.96	2.03	97.6%	0.193	0.260	0
	80	1659.5	0.5	4.35	16.9%	0.12	3.83	2.07	93.9%	0.199	0.311	0
	81	1650	0.5	4.66	17.3%	0.14	3.69	2.13	89.0%	0.199	0.374	0

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Dye No. 36

Pennsylvanian Chat

Model = Archie

PARAMETERS		ZN	DEPTH	THK	RT	PHI	RWA	RO	MA	SW	BVW	VSH	PAY	FLOW
X		1	1580	0.5	9.57	18.2%	0.44	2.59	2.57	52.0%	0.094	1.306	0	
Y		2	1580.5	0.5	10.1	21.2%	0.62	1.95	2.86	44.0%	0.093	1.192	0	
A	1	3	1581	0.5	10.6	28.1%	1.07	1.18	3.53	33.4%	0.094	1.084	0	
M	1.8	4	1581.5	0.5	10.8	35.4%	1.67	0.78	4.33	26.8%	0.095	1.102	0	
N	2	5	1582	0.5	11	37.1%	1.85	0.72	4.56	25.5%	0.095	1.322	0	
RW	0.12	6	1582.5	0.5	11.3	31.2%	1.39	0.97	3.90	29.4%	0.092	1.455	0	
CTHK	40.5	7	1583	0.5	11.2	22.6%	0.77	1.75	3.05	39.5%	0.089	1.384	0	
AVPHI	0.19	8	1583.5	0.5	10.9	17.6%	0.48	2.75	2.59	50.1%	0.088	1.278	0	
FTOIL	1.63	9	1584	0.5	10.7	16.2%	0.40	3.18	2.47	54.5%	0.088	1.207	0	
PAYFEET	16.5	10	1584.5	0.5	10.7	16.1%	0.40	3.22	2.46	54.9%	0.088	1.115	0	
P	8581	11	1585	0.5	10.6	15.7%	0.38	3.37	2.42	56.4%	0.088	1.144	0	
Q	4.4	12	1585.5	0.5	10.3	15.1%	0.34	3.62	2.35	59.2%	0.089	1.198	0	
R	2	13	1586	0.5	9.91	14.9%	0.32	3.69	2.32	61.1%	0.091	1.286	0	
DMIN	1580	14	1586.5	0.5	9.38	15.2%	0.32	3.55	2.32	61.5%	0.094	1.399	0	
DMAX	1620	15	1587	0.5	8.9	15.8%	0.32	3.32	2.34	61.1%	0.097	1.349	0	
KB	1191	16	1587.5	0.5	8.47	16.4%	0.33	3.09	2.36	60.4%	0.099	1.285	0	
TD	1727	17	1588	0.5	8.28	16.7%	0.33	3.00	2.37	60.2%	0.101	1.299	0	
BHT	90	18	1588.5	0.5	8.4	16.0%	0.31	3.24	2.32	62.1%	0.100	1.208	0	
ST	75	19	1589	0.5	8.5	15.0%	0.28	3.63	2.25	65.4%	0.098	1.152	0	
RMF	1.4	20	1589.5	0.5	8.7	14.0%	0.25	4.14	2.18	69.0%	0.096	1.227	0	
RMFT	75	21	1590	0.5	9.56	14.0%	0.28	4.15	2.22	65.9%	0.092	1.278	0	
		22	1590.5	0.5	10.4	16.3%	0.40	3.16	2.46	55.1%	0.089	1.234	0	
		23	1591	0.5	9.27	21.5%	0.58	1.92	2.82	45.5%	0.098	1.037	0	
		24	1591.5	0.5	8.35	30.4%	0.98	1.03	3.56	35.0%	0.106	0.771	0	
		25	1592	0.5	8.46	39.2%	1.56	0.65	4.54	27.7%	0.108	0.558	0.14	
		26	1592.5	0.5	8.86	41.7%	1.83	0.58	4.91	25.6%	0.107	0.628	0	
		27	1593	0.5	10.1	35.3%	1.55	0.78	4.26	27.8%	0.098	0.903	0	
		28	1593.5	0.5	12.4	24.4%	0.98	1.52	3.29	35.0%	0.085	1.125	0	
Colors:	ON	29	1594	0.5	12.6	16.7%	0.50	2.99	2.60	48.8%	0.082	1.088	0	
		30	1594.5	0.5	11.9	14.2%	0.35	4.02	2.35	58.2%	0.083	1.064	0	
RSH		31	1595	0.5	12	14.1%	0.35	4.08	2.35	58.2%	0.082	1.044	0	
PHISH		32	1595.5	0.5	12.4	14.9%	0.40	3.69	2.44	54.5%	0.081	0.838	0	
		33	1596	0.5	12.9	15.4%	0.44	3.49	2.50	52.0%	0.080	0.576	0.04	
		34	1596.5	0.5	14	15.4%	0.48	3.50	2.54	50.0%	0.077	0.417	0.04	
		35	1597	0.5	15	14.5%	0.47	3.86	2.50	50.8%	0.074	0.385	0.04	
		36	1597.5	0.5	15	14.1%	0.44	4.10	2.46	52.3%	0.074	0.383	0.03	
		37	1598	0.5	14.6	14.1%	0.43	4.06	2.46	52.6%	0.074	0.399	0.03	
		38	1598.5	0.5	14.4	14.8%	0.46	3.75	2.50	51.1%	0.075	0.433	0.04	
		39	1599	0.5	14.1	16.2%	0.53	3.19	2.62	47.6%	0.077	0.496	0.04	
		40	1599.5	0.5	13.9	17.4%	0.60	2.79	2.72	44.8%	0.078	0.509	0.05	
		41	1600	0.5	13.8	18.0%	0.63	2.62	2.77	43.6%	0.079	0.445	0.05	
		42	1600.5	0.5	13.5	17.9%	0.61	2.66	2.74	44.4%	0.079	0.433	0.05	
		43	1601	0.5	13.1	17.6%	0.57	2.73	2.70	45.8%	0.081	0.522	0.05	
		44	1601.5	0.5	12.5	18.2%	0.58	2.58	2.73	45.3%	0.083	0.526	0.05	
		45	1602	0.5	11.9	18.1%	0.55	2.59	2.69	46.7%	0.085	0.507	0.05	
		46	1602.5	0.5	11.2	17.7%	0.50	2.70	2.62	49.0%	0.087	0.469	0.05	
		47	1603	0.5	10.7	17.8%	0.48	2.67	2.61	49.9%	0.089	0.515	0.04	
		48	1603.5	0.5	10.6	18.1%	0.49	2.60	2.62	49.6%	0.090	0.550	0.05	
		49	1604	0.5	10.8	18.6%	0.52	2.48	2.67	48.0%	0.089	0.511	0.05	
		50	1604.5	0.5	11.1	19.3%	0.58	2.32	2.75	45.6%	0.088	0.482	0.05	
		51	1605	0.5	11.4	19.8%	0.62	2.21	2.81	44.0%	0.087	0.531	0.06	
		52	1605.5	0.5	11.6	19.0%	0.58	2.38	2.75	45.4%	0.086	0.889	0	
		53	1606	0.5	11.7	17.1%	0.49	2.88	2.59	49.7%	0.085	1.426	0	
		54	1606.5	0.5	12	14.9%	0.39	3.69	2.42	55.5%	0.083	1.715	0	

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	55	1607	0.5	12.6	13.2%	0.33	4.57	2.30	60.2%	0.080	1.640	0
	56	1607.5	0.5	13.2	12.3%	0.30	5.23	2.24	63.0%	0.077	1.355	0
	57	1608	0.5	13.3	12.8%	0.33	4.83	2.30	60.1%	0.077	1.131	0
	58	1608.5	0.5	13.1	15.1%	0.43	3.62	2.48	52.6%	0.079	0.971	0
	59	1609	0.5	12.5	17.0%	0.51	2.93	2.62	48.4%	0.082	0.883	0
	60	1609.5	0.5	12	18.4%	0.57	2.53	2.72	45.9%	0.084	0.771	0
	61	1610	0.5	11.7	19.0%	0.59	2.38	2.76	45.1%	0.086	0.673	0
	62	1610.5	0.5	11.4	18.5%	0.55	2.49	2.70	46.7%	0.087	0.700	0
	63	1611	0.5	11.3	18.4%	0.54	2.51	2.69	47.1%	0.087	0.709	0
	64	1611.5	0.5	11.4	19.0%	0.57	2.39	2.74	45.8%	0.087	0.582	0.05
	65	1612	0.5	11.5	18.6%	0.56	2.47	2.72	46.4%	0.086	0.442	0.05
CROSS SECTION	66	1612.5	0.5	11.7	18.4%	0.56	2.53	2.71	46.5%	0.085	0.430	0.05
DATUM 1	67	1613	0.5	11.9	19.0%	0.59	2.39	2.76	44.9%	0.085	0.420	0.05
DATUM 2	68	1613.5	0.5	11.8	18.8%	0.58	2.42	2.75	45.3%	0.085	0.401	0.05
No. of Prf	69	1614	0.5	11.8	18.1%	0.55	2.59	2.69	46.9%	0.085	0.362	0.05
	70	1614.5	0.5	11.8	18.0%	0.54	2.63	2.68	47.1%	0.085	0.385	0.05
	71	1615	0.5	11.9	18.6%	0.58	2.48	2.73	45.6%	0.085	0.589	0.05
	72	1615.5	0.5	12.1	18.9%	0.60	2.42	2.77	44.6%	0.084	0.656	0
	73	1616	0.5	12.4	18.7%	0.61	2.45	2.77	44.5%	0.083	0.550	0.05
	74	1616.5	0.5	12.5	18.5%	0.60	2.51	2.75	44.9%	0.083	0.514	0.05
	75	1617	0.5	12.6	18.2%	0.59	2.58	2.73	45.2%	0.082	0.558	0.05
	76	1617.5	0.5	12.8	17.5%	0.55	2.78	2.68	46.5%	0.081	0.609	0
	77	1618	0.5	13.1	16.8%	0.53	2.98	2.63	47.6%	0.080	0.567	0.04
	78	1618.5	0.5	13.5	16.9%	0.55	2.94	2.66	46.6%	0.079	0.588	0.05
	79	1619	0.5	13.9	16.7%	0.56	3.00	2.66	46.4%	0.078	0.709	0
	80	1619.5	0.5	14.3	15.7%	0.51	3.38	2.58	48.6%	0.076	0.823	0
	81	1620	0.5	14.6	13.8%	0.42	4.22	2.43	53.7%	0.074	0.908	0

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PENNSYLVANIAN
CHAT

Depth: 1580 - 1620

X:

Y:

a: 1

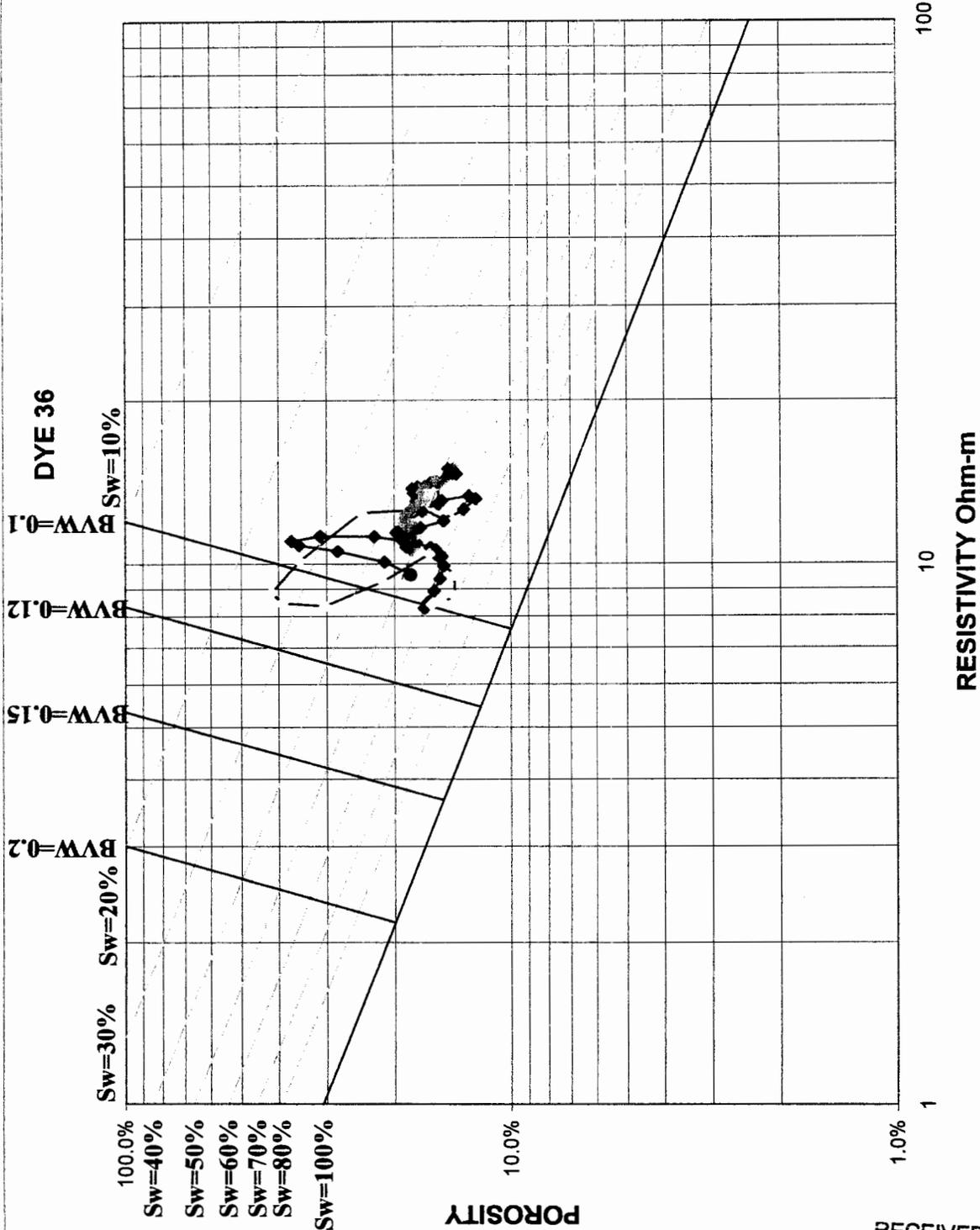
m: 1.8

n: 2

RW: 0.12

DEPTH

- 1612 - 1620
- 1604 - 1612
- 1596 - 1604
- 1588 - 1596
- 1580 - 1588



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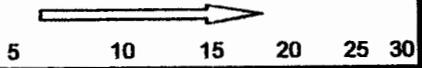
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CONSERVATION DIVISION

Well No: Dye 36
Location: SWSWSWSW4, 300' fsl
SEC 7, T24S-R14E 240' fwl

Datum/Elev.
KB Topo 1090

Drilling Time in Minutes per Foot
Rate of Penetration Decreases



Depth	Lithology	Shows	Drilling Time in Minutes per Foot Rate of Penetration Decreases	Sample Descriptions	Remarks
1500 6-23-07 1:30 AM			10' Samples	sh, gy, silty, carb, fr. v. ss lam	
				AA	
				ss, lt gy, v. f. to f. gnd, gd, sub m qtz, 30% ss rest is gray shale No odor, N show or fluor	Bartlesville ss 1524(-434)
				sh, blk	
1550				sh, ltgy-gy	
				sh, gy to grn-gy	
				sh, ltgy-gy	
				coal	
				sh, v. dkgy to blk, s s lam ltgy	
				coal	
1600				coal	Chat Cgl. 1595(-505)
				conglomerate, chert (75%), transgy to wh. siltstone, No odor	
				80% chert, 20% sdy siltstone, NS shaley, gy-grn	
				50% chert, 50% sdy siltstone, NS	
				60% chert, 20% siltstone, sdy f-med qtz, 15% shgy-grn. NS or odor	
				few ks clasts? 1 lb brown	Miss. LS 1623(-533)
				LS, cream, f-m xt ln, pellets, grainy, fr φ, 40% sdy siltst, 20% sh dkgy NS or odor	
				Dol, calc, ltgy, v. xt ln, v. sli, odor, No fluor, 40% chert, fr g. lavo	Miss. Dol. Pay 1638(-548)
				Dol, calc, tannish gray, fr φ sli odor, Fluor xt ln edges of chert	
				No oil washes from sample	
				Fair odor, fair oil scum of wash wtr and on bags, few free oil droplets less chert, best pay 1638 to 1645	
1650				Poor samples due to damaged bit samples showed dol, tan, sli odor, but no oil washing from sample	
				Metal in sample.	
				Dol, v. calc., ltgy to gy, mottled, w/ some dkgy to brown, NS or odor	
				LS, Interbeds, cream to ltgy, tr chert fr xt ln φ, NS	
				Mud vis 43 wt 9.2	
				Dol, ltgy to dkgy-brn, shaley zones, No chert	
1700				LS, Cream, f-coarse xt ln, fr-gd φ, upper part, pr φ, lower part	Miss. LS 'B' 1694(-604)
				vis 44 wt 9.3	
				LS, AA, pr φ, chert, wh, 3% chert, 60%, wh to trans, gy-clr.	
				LS, tan, oolitic, gd xt ln φ, NS some pellets, foss, cherty	
				chert, 20%	
8:40 PM 6-23-07				open = hole logged by Osage wireline	Total Depth 1727(-637)
1750				RECEIVED KANSAS CORPORATION COMMISSION	

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