18 24S 14E

15-207-27287

David B. Griffin, RG, Consulting Geologist
1502 W. 27th Terrace
Lawrence, Kansas 66046

Ph. (785) 842-3665
Cell (785) 766-0099
Fax (785) 856-3935

Geological Wellsite Report

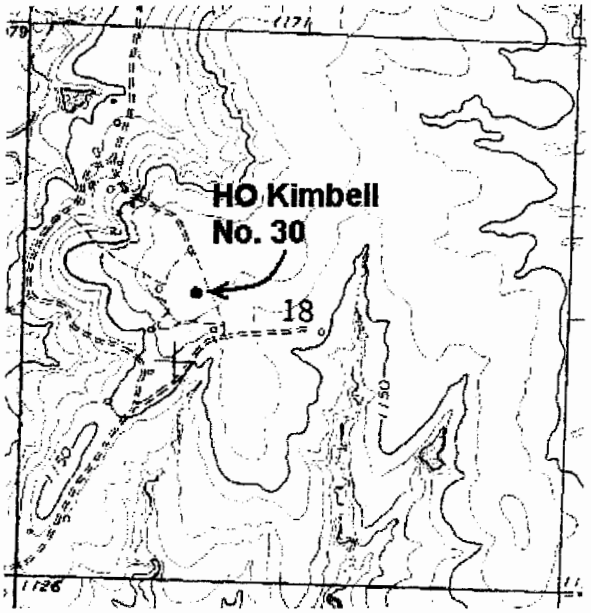
460 FNL
560 FWL

December 5, 2007

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

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

RE: Geological Wellsite Report
HO Kimbell No. 30, Producer Well
S2 SW SE NW4
Section 18, 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 penetration rate from 1300' to a total depth of 1791' below the kelly bushing. A detailed log that plots drilling time, sample cuttings description and geological tops is attached. Subsea corrected geological tops were based on a relative surveyed sample datum kelly bushing elevation of 1175.0'. The Cased Hole GRN Log datum is at ground level which is 5.8' lower at 1169.2'.

Daily Progress

November 21, 2007; Rig # 1, Spud and set 41' of 8 5/8" surface casing,

November 24, 2007; Drill from 41' to 695',

November 25, 2007; Drill from 695' to 1728',

November 26, 2007, Drill from 1728' to TD at 1791', Open-Hole Logged by Osage Wireline.

Well Information

Well Name: HO Kimbell No. 30 **Elev.:** Rel. Survey GL 1169.2', KB 1175'

Location: S2 SW SE NW4
Section 18, T 24S–R 14E
Woodson County, Kansas

GPS lat long Coord: N37.96003, W-95.91627

API No.: 15-207-27287-00-00 **Field:** Winterscheid

Operator: Haas Petroleum, LLC

Contact Person: Mark Haas

Drilling Co.: Skyy Drilling, Rig # 1
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: Set-Thru Completion **Spud Date:** Nov. 21, 2007

Rotary Total Depth: 1791' KB **Date Reached TD:** Nov. 26, 2007

Surface Casing: 12 ¼" bit, set 41' of 8 5/8" casing
Cemented with approximately 30 sacks of class "A" cement with 2% gel and 3% $CaCl_2$

Drilling Notes: 6 ¾" PDC Bit from 41' to 1791'
Drilling time provided from 1300' to TD at 1791'
Annular mud velocity sample travel time (lag), approx. 1 min. per 200'

Mud Program: Native fresh water mud to 1100', fresh water gel mud from 1100' to TD
Fudd Mud, Inc. provided occasional monitoring of chemical drilling mud
Preferred properties; 33 to 36 vis, 8.9 to 9.4 wt.

Geological Supervision:

David Griffin, RG, provided wellsite supervision on Nov. 25th and 26th, 2007. Samples microscopically examined from 1300' to 1791'. A gas detector was not available for use.

Logs, Cores, DST's: This well is a set-thru completion as a producer. Open-hole logs were obtained by Osage Wireline Service, Inc. A cased-hole log was obtained by Midwest Survey to determine the perforation interval. No cores or drill stem tests were performed for this well.

Geological Datums:

HO Kimbell No. 30, Geological Tops			HO Kimbell 29	HO Kimbell 26
S2 SW SE NW4, Sec. 18, T24S-R14E			C SE SW NW4, Section 18, T24S-R14E	SE SE NW NW4, Section 18, T24S-R14E
	Relative Survey GL Elev. 1169.2' Cased-Hole GRN Log		Relative Survey GL Elev. 1166.3' GRN Log Depth	Relative Survey GL Elev. 1129.0' GRN Log Depth
Zones of Interest	**Depth**	**Subsea**	**Subsea**	**Subsea**
Cherokee Group	1318	-149	-154	-160
U. Squirrel SS	1325	-156	-161	-168
Ardmore LS	1418	-249	-251	-264
Cattleman SS	1434	-265	-270	
Bartlesville SS	Absent			
PN Basal Conglomerate	1672	-503	-496	-498
Mississippian LS	1683	-514	-502	-513
Miss. Dol, Pay Zone	**1689**	**-520**	**-524**	**-521**
Rotary Total Depth	1785	-616	-602	-593

Structural Comparisons:

Structural comparison of subsea corrected geological log tops for HO Kimbell No. 30, indicates that the top of the dolomite pay zone is 4' higher than in HO Kimbell No. 29, a new producing well offsetting 663' to the west.

Pay Zone Description and Saltwater Calculations

Mississippian; Dolomite:

Pay Zone, 1696' to 1725', KB Samples, (1689' to 1718', GL GRN Log);
Best Pay Zone, 1703' to 1720', KB Samples, (1696' to 1713', GL GRN Log):

1696' to 1703', dolomite, tannish-gray, 40%, very fine crystalline, fair to good crystalline porosity and fair to good vugular porosity, fair odor, poor to fair amount of oil washing from samples, chert, 15%, clear to translucent gray, 25% bright green fluorescence top three feet with 2% fluorescence in bottom three feet;

1703' to 1710', KB, dolomite, grayish-brown, 50%, fine crystalline, fair to good crystalline porosity, fair to very good vugular porosity, good amount of vugular holes in bottom of interval, strong odor, very good show of gassy oil washing from sample, remainder of interval is grayish-tan dolomite as above with no oil show, chert, 15%, white to gray, 40% to 50% bright green fluorescence, varies with chert content;

1710' to 1725', KB, dolomite, brown, very fine to fine crystalline, fair to good crystalline porosity, fair to excellent vugular porosity with many holes, strong odor, excellent show of gassy oil washing from sample, 15% to 40% chert, clear, white or tan, show diminishes bottom few feet with appearance of grayish-brown dolomite with no show, 60% to 75% bright green fluorescence that decreases toward bottom.

Saltwater Calculations:

Open-Hole Log responses indicate the best potential pay zone lies from **1693' to 1713', GL**, Open-Hole Logs. In this interval, the calculated porosity (average of the density and neutron porosity measurements), ranges from 19.0% to 24.7% and the deep induction resistivity measurement ranges from 2.82 to 9.65 ohms. With a formation water resistivity (Rw) value of 0.11 and a cementation (m) value of 2 using the Archie Equation, the Sw calculations range from **51.7% to 85.9%**. The Archie Equation calculations using one foot interval log data are presented on the attached sheet for reference.

Sample Observations of Other Zones of Interest

Pennsylvanian, Upper Squirrel Sandstone:

1330' to 1340', KB Samples, 1324' to 1331', GL GRN Log):
Sandstone, 70%, gray to light gray, very fine grained, abundant calcite cement, minor amount of loose quartz grains, poor to fair porosity, faint odor, fair show of heavy tarry oil with minor bleeding, 30% silt, green gray.

Saltwater Calculations:
Based on Open-Hole Log measurements, the oil bearing zone exists from 1324' to 1331', GL. In this interval, the density derived porosity ranges from 10.3% to 12.9%, (after a -3% LS matrix correction) and the deep induction resistivity measurement ranges from 5.51 to 7.32 ohms. With an Rw value of 0.12 and m value of 1.8 using the Archie Equation, the Sw calculations range from **84.7% to 99.4%**. This zone most likely does not have sufficient porosity to be commercial. The Archie Equation calculations using one foot interval log data are presented on the attached sheet for reference.

Pennsylvanian, Cherty Sandy Silty Conglomerate:

1669' to 1676', KB Samples;
Conglomerate, chert, 20%, very light gray to white; siltstone, 10%, sandy, white, fine and medium well rounded quartz, shale, light tannish-gray, 60%, to very dark gray, 10%, no odor, no show of oil or fluorescence.

Mississippian Limestone/Dolomite:

1676' to 1693', KB Samples;
Limestone, 1676' to 1690', brown in top to tannish-gray, fine to medium crystalline grainstone, poor to fair crystalline porosity, no vugular porosity, 30%, very fine to medium grained sandy siltstone interbeds, white, tan or light gray, poor to fair granular porosity, dolomite present from 1690' to 1693', light tannish-gray, very fine crystalline, fair to good crystalline porosity, good vugular porosity, faint odor, no show of oil, 10% chert white to gray, 10% bright green fluorescence in dolomite.

Summary:

Approximately 29' of cherty dolomite with a fair to excellent show of free gassy oil was penetrated from approximately 1689' to 1718', GL, for a subsea top of -520' below sea level which is 4' structurally higher than HO Kimbell No. 29, a new good producer well offsetting 663' to the west. The best oil saturation was from 1693' to 1713', GL, with Sw calculations that ranged from **51.7% to 85.9%**. Based on the SW calculations, the oil-water transition zone appears to begin at approximately 1713' KB, (-545). With the fair showing of free oil, the operator set and cemented 4½-inch casing through the pay zone for completion as a set-thru producer.

Recommendations:

Based on the sample observations and structural position of the pay zone, perforations were placed from 1694' to 1712', GL GRN Cased Hole Log, at 4 shots per foot. The perforations were treated with acid and the well was put on pump at a commercial rate.

Respectfully Submitted,

David B. Griffin, RG
Consulting Geologist

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

HO Kimbell 30

Squirrel Sandstone

Model = Archie

PARAMETERS		ZN	DEPTH	THICK	RT	PHI *	RWA	RO	MA	SW	BVW	VSH	PAY
X		1	1318	0.5	7.829	[redacted]	0.00					0.789	0
Y		2	1319	0.5	6.463	[redacted]	0.03	28.91	1.31	[redacted]	0.100	2.585	0
A	1	3	1320	0.5	5.57	[redacted]	0.04	16.49	1.40	[redacted]	0.112	2.646	0
M	1.8	4	1321	0.5	5.203	[redacted]	0.06	11.09	1.50	[redacted]	0.118	1.095	0
N	2	5	1322	0.5	5.265	[redacted]	0.08	7.84	1.63	[redacted]	0.120	0.931	0
RW	0.12	6	1323	0.5	5.508	[redacted]	0.10	6.37	1.73	[redacted]	0.118	0.760	0
CTHK	16.5	7	1324	0.5	5.68	[redacted]	0.13	5.08	1.85	[redacted]	0.118	0.618	0
AVPHI	0.08	8	1325	0.5	5.771	[redacted]	0.12	5.70	1.81	[redacted]	0.116	0.576	0
FTOIL	0.00	9	1326	0.5	6.001	[redacted]	0.13	5.42	1.85	[redacted]	0.114	0.667	0
PAYFEET	0	10	1327	0.5	6.307	[redacted]	0.14	5.48	1.87	[redacted]	0.112	0.632	0
P		11	1328	0.5	6.663	12.9%	0.17	4.79	1.96	[redacted]	0.109	0.607	0
Q		12	1329	0.5	7.056	[redacted]	0.13	6.51	1.84	[redacted]	0.104	0.562	0
R		13	1330	0.5	7.283	[redacted]	0.15	5.72	1.91	[redacted]	0.104	0.556	0
DMIN	1310	14	1331	0.5	7.316	[redacted]	0.12	7.15	1.81	[redacted]	0.102	0.533	0
DMAX	1330	15	1332	0.5	7.298	[redacted]	0.09	10.26	1.66	[redacted]	0.100	0.667	0
GL	1177	16	1333	0.5	7.124	[redacted]	0.05	18.36	1.46	[redacted]	0.098	0.718	0
TD	1727	17	1334	0.5	6.867	[redacted]	0.01	74.59	1.13	[redacted]	0.092	0.778	0
BHT		18	1335	0.5	6.797	[redacted]	0.03	26.44	1.35	[redacted]	0.098	0.705	0
ST		19	1336	0.5	6.808	[redacted]	0.07	11.78	1.58	[redacted]	0.103	0.822	0
RMF	0.67	20	1337	0.5	6.838	[redacted]	0.03	26.03	1.35	[redacted]	0.098	0.896	0
RMFT	94	21	1338	0.5	6.973	[redacted]	0.09	9.68	1.67	[redacted]	0.103	0.951	0
		22	1339	0.5	7.114	[redacted]	0.09	9.52	1.68	[redacted]	0.102	0.894	0
[redacted]		23	1340	0.5	7.207	[redacted]	0.07	12.81	1.58	[redacted]	0.100	0.960	0
		24	1341	0.5	7.259	[redacted]	0.04	21.18	1.43	[redacted]	0.096	0.933	0
		25	1342	0.5	7.301	[redacted]	0.02	40.70	1.27	[redacted]	0.093	1.014	0
		26	1343	0.5	7.282	[redacted]	0.05	16.92	1.49	[redacted]	0.098	1.007	0
		27	1344	0.5	7.225	[redacted]	0.08	10.90	1.64	[redacted]	0.100	0.866	0
		28	1345	0.5	7.124	[redacted]	0.06	13.96	1.55	[redacted]	0.100	0.903	0
Colors:		29	1346	0.5	7.005	[redacted]	0.03	27.70	1.35	[redacted]	0.097	0.944	0
		30	1347	0.5	6.978	[redacted]	0.03	31.75	1.31	[redacted]	0.096	0.971	0
		31	1348	0.5	6.997	[redacted]	0.03	27.06	1.35	[redacted]	0.097	0.856	0
		32	1349	0.5	6.9	[redacted]	0.02	44.71	1.23	[redacted]	0.095	0.906	0
		33	1350	0.5	6.758	[redacted]	0.04	18.92	1.43	[redacted]	0.101	1.073	0

* Porosity, LS matrix corrected by -3%.

HO Kimbell No. 30

Mississippian Dolomite

Model = Archie

PARAMETERS		ZN	DEPTH	THK	RT	PHI	RWA	RO	MA	SW	BVW	VSH	PAY
X		1	1685	1	35.8	[redacted]	0.25	15.82	2.33	66.5%	0.055	0.520	0
Y		2	1686	1	25.5	[redacted]	0.01	343.67	1.35	[redacted]	0.066	0.203	0
A	1	3	1687	1	11.9	[redacted]	0.00	372.32	1.15	[redacted]	0.096	0.129	0
M	2	4	1688	1	5.96	[redacted]	0.05	12.35	1.69	[redacted]	0.136	0.180	0
N	2	5	1689	1	3.91	22.1%	0.19	2.26	2.36	75.9%	0.168	0.269	0.05
RW	0.11	6	1690	1	3.17	24.6%	0.19	1.82	2.39	75.8%	[redacted]	0.246	0
CTHK	66	7	1691	1	3.01	23.2%	0.16	2.04	2.27	82.3%	[redacted]	0.198	0
AVPHI	0.17	8	1692	1	3.35	21.5%	0.16	2.37	2.22	84.2%	[redacted]	0.209	0
FTOIL	1.33	9	1693	1	4.2	21.5%	0.19	2.37	2.37	75.2%	0.162	0.170	0.05
PAYFEET	18	10	1694	1	5.13	22.2%	0.25	2.24	2.55	66.0%	0.146	0.173	0.08
P		11	1695	1	4.97	22.4%	0.25	2.20	2.54	66.6%	0.149	0.112	0.07
Q		12	1696	1	3.98	21.4%	0.18	2.41	2.32	77.8%	0.166	0.136	0.05
R		13	1697	1	3.2	22.7%	0.17	2.13	2.27	81.6%	[redacted]	0.192	0
DMIN		14	1698	1	2.82	24.2%	0.16	1.88	2.28	81.8%	[redacted]	0.183	0
DMAX		15	1699	1	2.84	22.9%	0.15	2.10	2.21	[redacted]	[redacted]	0.171	0
KB		16	1700	1	3.36	23.0%	0.18	2.08	2.33	78.6%	[redacted]	0.166	0
TD		17	1701	1	4.44	22.2%	0.22	2.24	2.45	71.0%	0.157	0.215	0.06
BHT		18	1702	1	6.24	19.8%	0.24	2.81	2.49	67.1%	0.133	0.245	0.07
ST		19	1703	1	8.46	20.1%	0.34	2.73	2.70	56.9%	0.114	0.121	0.09
RMF		20	1704	1	9.65	20.3%	0.40	2.68	2.80	52.6%	0.107	0.168	0.10
RMFT		21	1705	1	9.64	19.0%	0.35	3.04	2.69	56.2%	0.107	0.174	0.08
		22	1706	1	9.03	20.4%	0.37	2.66	2.77	54.2%	0.110	0.163	0.09
[redacted]		23	1707	1	7.95	22.8%	0.41	2.12	2.89	51.7%	0.118	0.209	0.11
		24	1708	1	6.66	23.0%	0.35	2.08	2.79	56.0%	0.129	0.147	0.10
		25	1709	1	5.5	24.7%	0.34	1.80	2.80	57.2%	0.141	0.121	0.11
		26	1710	1	4.62	24.2%	0.27	1.89	2.63	63.9%	0.154	0.101	0.09
		27	1711	1	3.91	22.2%	0.19	2.24	2.37	75.8%	0.168	0.099	0.05
		28	1712	1	3.29	22.2%	0.16	2.24	2.25	82.5%	[redacted]	0.131	0
		29	1713	1	2.83	21.4%	0.13	2.41	2.10	[redacted]	[redacted]	0.119	0
		30	1714	1	2.56	21.8%	0.12	2.31	2.07	[redacted]	[redacted]	0.151	0
		31	1715	1	2.42	22.6%	0.12	2.15	2.08	[redacted]	[redacted]	0.144	0
		32	1716	1	2.42	21.8%	0.11	2.32	2.03	[redacted]	[redacted]	0.119	0
		33	1717	1	2.66	23.2%	0.14	2.05	2.18	[redacted]	[redacted]	0.104	0
		34	1718	1	3.11	22.6%	0.16	2.16	2.24	83.4%	[redacted]	0.139	0
		35	1719	1	3.51	20.3%	0.14	2.67	2.17	[redacted]	[redacted]	0.153	0
		36	1720	1	3.88	19.3%	0.14	2.96	2.16	[redacted]	0.168	0.171	0
		37	1721	1	4.19	17.5%	0.13	3.58	2.09	[redacted]	0.162	0.207	0
		38	1722	1	4.35	16.8%	0.12	3.88	2.06	[redacted]	0.159	0.204	0
		39	1723	1	4.81	17.0%	0.14	3.81	2.13	[redacted]	0.151	0.376	0
		40	1724	1	5.75	[redacted]	0.12	5.31	2.04	[redacted]	0.138	0.343	0
		41	1725	1	6.86	[redacted]	0.09	8.44	1.90	[redacted]	0.127	0.283	0
		42	1726	1	7.86	[redacted]	0.06	14.57	1.75	[redacted]	0.118	0.267	0
		43	1727	1	8.38	[redacted]	0.07	12.65	1.83	[redacted]	0.115	0.335	0
		44	1728	1	8.21	[redacted]	0.09	10.44	1.89	[redacted]	0.116	0.610	0
		45	1729	1	7.78	[redacted]	0.13	6.78	2.07	[redacted]	0.119	0.973	0
		46	1730	1	7.55	[redacted]	0.12	6.84	2.05	[redacted]	0.121	0.953	0
		47	1731	1	7.65	[redacted]	0.12	7.06	2.04	[redacted]	0.120	0.694	0
		48	1732	1	7.92	[redacted]	0.14	6.22	2.12	[redacted]	0.118	0.256	0
		49	1733	1	8.01	[redacted]	0.12	7.50	2.03	[redacted]	0.117	0.102	0
		50	1734	1	7.83	[redacted]	0.09	10.09	1.89	[redacted]	0.119	0.130	0
		51	1735	1	7.6	[redacted]	0.11	7.50	2.01	[redacted]	0.120	0.336	0
		52	1736	1	7.34	[redacted]	0.14	5.65	2.13	[redacted]	0.122	0.334	0
		53	1737	1	6.91	[redacted]	0.14	5.37	2.13	[redacted]	0.126	0.400	0
		54	1738	1	6.7	[redacted]	0.12	6.06	2.05	[redacted]	0.128	0.394	0
		55	1739	1	6.79	[redacted]	0.12	6.06	2.06	[redacted]	0.127	0.255	0
		56	1740	1	6.82	[redacted]	0.14	5.45	2.12	[redacted]	0.127	0.208	0
		57	1741	1	6.87	[redacted]	0.12	6.22	2.05	[redacted]	0.127	0.180	0
		58	1742	1	7.06	[redacted]	0.12	6.28	2.06	[redacted]	0.125	0.180	0
		59	1743	1	7.46	[redacted]	0.12	6.58	2.06	[redacted]	0.121	0.169	0
		60	1744	1	8.07	15.9%	0.20	4.35	2.34	73.4%	0.117	0.202	0.04
		61	1745	1	8.66	15.2%	0.20	4.76	2.32	74.1%	0.113	0.102	0.04
		62	1746	1	8.86	12.1%	0.13	7.55	2.08	92.3%	0.111	0.081	0
		63	1747	1	8.27	10.9%	0.10	9.25	1.95	105.8%	0.115	0.099	0
		64	1748	1	7.52	11.1%	0.09	8.95	1.92	109.0%	0.121	0.254	0
		65	1749	1	7.05	14.6%	0.15	5.17	2.16	85.6%	0.125	0.359	0
		66	1750	1	6.9	14.4%	0.14	5.32	2.13	87.8%	0.126	0.466	0

Well No: HO Kimbell No. 30

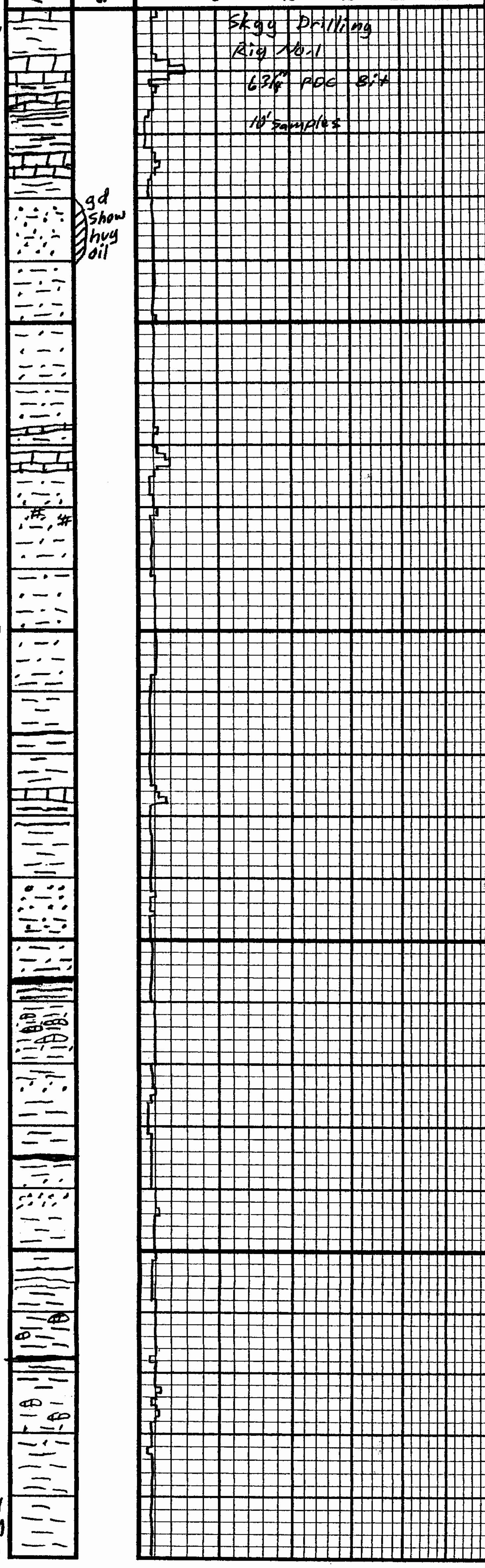
Pg. 1 of 2

Location: S2 SW SE NW4, 2,850' fsl; 3,630' fel, sec. 18, T24S-R14E, WD Co.

Datum/Elev.: KB 1175.0 Rel. Svy

Depth | Lithology | Shows | Drilling Time in Minutes per Foot — Rate of Penetration Decreases (5, 10, 15, 20, 25, 30) | Sample Descriptions | Tops/Remarks

1300
11-25-07
2PM



Sample Descriptions

LS, ltgy, glaub dense
Sh, gy, calc
LS, tan, dense

LS, gyish brn, shaley
Sh, blk
Sh, gy to gn-gy

LS, tan-gy, dense, silty partly
Sh, dkgy-bn

SS, gy, vf-gnd, silty, fr-gd φ, no odor, gd sh. hvy oil, gd bleeding, patchy areas w/no stain are silty.

little tan, 30-40% siltst lam, ltgn-gy w/no show
Siltstone, gy to bn, mica, carb, tr sdy, NS

1350

Sh, gy, silty, mica, carb

LS, gyish-brn to dkgy, sli. vfsdy, few foss frags, NS

siltst, gy lam, cse silt qtz, rippled? vf sdy, mica, pr φ, limey
Sh, gy, silty

Sh, gy, silty w/20% cse vfsdy siltst, abndt mica, carb, clay

1400

Sh, gy, fine silty

Sh, ltgy, gy, dkgy, tr blk
coal

Ls, dkgy to tan, dense, few foss, dense, NS
Sh, blk
Sh, ltgy to gy

SS, gy, vfgnd, silty, mica, carb, pr-fr φ, sh, gy interbeds. No odor, No Flr, No show

1450

Sh, ltgy, silty
coal
Sh, blk
Sh, gy w/tan calc concretions, minor siltst lam 10%

SS, wlt-gy, vfgnd, tight, pyr. NS
Sh, gy to vdkgy, brn clay stone

coal
SS, ltgy, vfgnd, silty, mica, carb, fr φ, NS 50% lam. NS, No Flr.
Sh, gy to blk

1500

Sh, blk
Sh, gy to dkgy, tr LS concr.

coal
Sh, gy, abnd plant carbon
LS, tan, concr.

siltst. lam 20%, ltgy
Sh, grn, gy, blk, orange mineral

Sh, gy to grn-gy

11-25-07
6:30PM
1550

Tops/Remarks

Cherokee 1326 (-151)

U. Squirrel SS 1330 (-155)

Ardmore LS 1426 (-251)

Cattleman SS 1440 (-265)

Well No: HO Kimbell No. 30	Pg 2 of 2
Location: S2 SW SE NW4, 2850' fsl, 3630' fel, sec. 18, T24S-R14E, WD co.	Datum/Elev. KB 1175.0 Rel. SVD

Depth	Lithology	Shows	Sample Descriptions	Tops/Remarks
1550 (11-25-07 6:30PM)			sh, gy to blk	
			siltstone, vltgy, fine qtz abndt siderite	
			sh, ltgy to ltgrn-gy, siderite	
			siltstone, ltgy, abndt siderite	
			claystone, dk brn	
1600			sh, gy - dkgy coal trace	
			sh, vdkgy, silty, 10% silt lam, dense, NS	
			sh, dkgy to blk, somewhat coaly	
			sh, ltgy coal sh, gy	
			sh, vltgy, silty	
1650			ss, vltgy, vfgnd, silty, mica, pr-frφ, NS No odor	
			sh, gy, dkgy to blk, 30% silt lam, carb	
			coal	
			sh, gy coal sh ltgy to tan, clayey	Basal Congl.
			cgl, chert, 40-60%, transl wh to ltgy, sh, gy-bn 20%, sdy siltst, 5% tan-gy,	1680 (-505)
			sh, vdkgy, chert 40%	Miss. LS
			LS, dkbrn (top), tanish-gy to cream, f-cse xtln grainstone, 10% sdy siltstone, 5% chert, clr, wh, gy, NS	1690 (-515) Dol. Pay
1700		fair show oil, trace oil vgd. oil show exc. oil show gassy	Dol, lt tan-gy w/ 25% tan-gy, vxtln, tan-gy has fr-gd ixφ, fr vugφ, fr soil, fr odor.	1696 (-521)
			Dol, tan-gy, calc., fr-gd ixφ + vugφ, but no show oil, faint odor, 15% chert	
			Dol, gyish-brn, 40%, gd-vgd vugφ, many holes, vgd SG, str odor, cherty	
			Dol, brown, vf-f xtln, fr-gd ixφ, fr-exc vugφ, many holes, ex sh. free oil, gassy, chert, 15-40%, wh-tan-clr.	
11-25-07			Dol, 30-40% brown, fr-vgd vugφ + vgd ex. oil show, much oil washing, 30-50% dol, gy-bn w/ no oil show	
11-26-07			Dol, gy-bn, vf xtln, fr ixφ, NS	
			LS, tan-gy, f-m xtln, NS	
			Dol, gy, bn-gy to dkgy-bn, shaley, NS chert, 5%	
			Dol, dkgy-bn, shaley	
			Dol, v. calc, ltgy to gy w/ dkgy pyrite mottling, fr-gd vugφ, min. chert	
1750			Dol, gy, calc, Dol, shly, dk bn-gy	
			LS, lt tan-gy to gy w/ pyr, dkgy mottling, 5% chert wh-gy, NS	
			LS, Rich dk brn, v. oolitic, prφ, NS	
3:20AM 11-26-07			LS, tan-gy to gy, f-m xtln grainst.	
			Dol, bn-gy, shly, chert 10%	Total Depth 1791 (-616)