

CORE LABORATORIES

30 065 37161

Company : HUDSON OIL COMPANY OF TEXAS

Well : PUCKETT NORTH NO. 7

Location : 1650' FWL & 990' FNL, SEC. 13, T-17-S, R-31-E

Co,State : EDDY COUNTY, NEW MEXICO

Field : MALJAMAR FIELD

Formation : VARIOUS

Coring Fluid : BRINE

Elevation : 3958' KB

File No.: 57181-19705

Date : 2/22/10

API No. : 30-015-37161

Analysts: SEBIAN

CORE ANALYSIS RESULTS

SAMPLE NUMBER	DEPTH ft	INCHES REC.	PERMEABILITY (HORIZONTAL) Kair md	POROSITY (HELIUM) %	SATURATION		SATURATION		GRAIN DENSITY gm/cc	GAS DETECTOR UNITS	DESCRIPTION
					(PORE VOLUME) OIL %	WATER %	(BULK VOLUME) OIL %	GAS %			

DRILLED SIDEWALL ANALYSIS

GRAYBURG FORMATION

1	3429.5	1.9	<.01	1.4	0.0	96.7	0.0	0.0	2.83	0	Dolo, yel mineral flu no cut
2	3487.0	1.8	19.8	19.3	8.6	32.4	1.7	11.4	3.02	250.	Sd brn,vf gr,dolo,anhy,90% dull yel flu
3	3517.0	1.7	<.01	2.6	0.0	87.7	0.0	0.3	2.80	0.	Sd brn,vf gr,dolo,anhy,90% dull yel flu
4	3556.0	1.9	0.35	2.9	3.0	86.7	0.1	0.3	2.78	0	Dolo,sity,0% flu no cut
5	3598.0	1.8	<.01	1.4	2.8	88.6	0.0	0.1	2.83	0.	Dolo,sity,0% flu tr cut
6	3660.0	1.8	0.02	4.2	0.0	89.5	0.0	0.4	2.74	0	Sltstn,rd-brn,0% flu no cut
7	3690.0	1.9	0.01	5.2	0.0	89.9	0.0	0.5	2.76	0.	Sltstn,rd-brn,0% flu no cut

SAN ANDRES 7TH/VACUUM FORMATION

8	3756.0	1.9	0.01	3.3	0.0	93.3	0.0	0.2	2.76	0.	Dolo,sl sdy,0% flu no cut
9	3806.0	1.8	<.01	0.6	0.0	88.6	0.0	0.1	2.85	0.	Dolo,br yel min flu no cut

SAN ANDRES 8TH/LOVING FORMATION

10	3842.0	1.7	0.07	7.8	17.4	68.6	1.4	1.1	2.67	13	Sd gry,vf gr,5% dull org flu good cut
11	3846.0	1.7	0.01	4.2	0.0	94.1	0.0	0.2	2.80	1.	Sltstn,rd gry,0% flu no cut
12	3880.0	1.8	<.01	2.6	0.0	90.5	0.0	0.2	2.82	0.	Dolo,0% flu no cut
13	3882.0	1.8	0.01	0.9	0.0	90.4	0.0	0.1	2.86	0.	Dolo,0% flu no cut

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SAMPLE NUMBER	DEPTH	INCHES REC.	PERMEABILITY (HORIZONTAL) Kair md	POROSITY (HELIUM) %	SATURATION		SATURATION		GRAIN DENSITY gm/cc	GAS DETECTOR UNITS	DESCRIPTION
					(PORE VOLUME) OIL %	WATER %	(BULK VOLUME) OIL %	GAS %			
SAN ANDRES 9TH/JACKSON FORMATION											
14	3992.0	1.8	0.02	0.6	3.7	87.3	0.0	0.1	2.94	1.	Anhy,dolo,5% yel flu
15	3998.0	1.8	9.54	8.4	21.6	17.6	1.8	5.1	2.85	250.	Dolo,pp,90% brt yel flu
16	4010.0	2.0	0.02	3.2	4.2	85.9	0.1	0.3	2.86	0.	Dolo,tr dull yel flu & min flu tr cut
17	4014.5	1.5	<.01	2.0	14.0	50.7	0.3	0.7	2.86	33	Dolo,vug,v frac,30% brt yel flu & min flu
18	4020.0	1.9	0.03	5.1	6.2	87.7	0.3	0.3	2.79	1.	Dolo,slty,tr dull yel flu
19	4033.0	1.8	0.01	2.6	20.5	32.9	0.5	1.2	2.85	245.	Dolo,pp,60% brt yel flu & min flu
20	4037.0	1.9	0.03	2.8	11.3	80.7	0.3	0.2	2.86	6	Dolo,styl,5% yel flu & min flu
21	4052.0	1.8	11.7	10.4	25.5	18.9	2.7	5.8	2.85	250.	Dolo,pp,90% yel flu & min flu
22	4055.0	1.9	65.4	11.1	24.3	25.8	2.7	5.5	2.85	250.	Dolo,pp,80% yel flu & min flu
23	4086.0	1.2	0.33	7.0	23.9	12.7	1.7	4.4	2.84	230.	Dolo,pp,80% yel flu & min flu
24	4092.5	2.0	2.83	7.2	22.6	14.6	1.6	4.5	2.84	250.	Dolo,sl vug,90% yel flu & min flu
25	4114.0	1.9	51.7	9.5	25.7	29.4	2.4	4.3	2.85	250.	Dolo,pp,90% dull yel flu & min flu
26	4119.5	1.0	3.24	10.0	22.8	27.7	2.3	5.0	2.85	250.	Dolo,pp,60% dull yel flu
27	4143.0	1.7	7.14	9.9	24.1	26.3	2.4	4.9	2.84	250.	Dolo,pp,90% dull yel gld flu & min flu
28	4149.5	1.7	0.03	3.3	26.3	44.7	0.9	1.0	2.82	250.	Dolo,pp,70% dull yel gld flu
29	4159.5	1.8	0.04	4.8	24.7	36.8	1.2	1.8	2.84	79	Dolo,sl pp,60% dull yel gld flu
30	4176.0	1.6	1.54	9.6	20.8	32.3	2.0	4.5	2.85	91.	Dolo,sl vug,70% dull yel flu