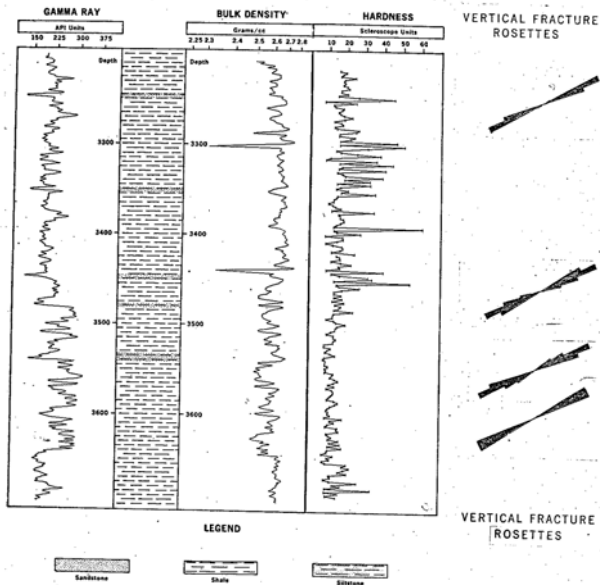


CORE WELL #12041



LOGS AND VERTICAL FRACTURES OF CORE WELL #12041

WELL NUMBER 12041
COMPANY FORMATION 170
DISTRICT CALHOUN
JACKSON COUNTY
CHART CODE 2176
ROCK PRESSURE # 308 IN 8/ 0/1940

CONSOLIDATED GAS SUPPLY CORPORATION--SOUTHERN REGION

DATE COMPLETED 2/ 1/1976
DATE INTO LINE 4/14/1976

ORIG OPEN FLOW 111 MCF
ORIG ROCK PRES 424 PSI
PCT INTEREST 100.0000 %
API NUMBER 4703501371
PRE 10/07/1964 LEASE
LAST LINE PRESSURE # 41.00

MONTHLY PRODUCTION *MCFD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARLY PROD	ACCU PROD	AVG LINE PRS
1976				3053	952	185	135	141	640	574	177	174	1035	1035	80.44
1977	474	410	451	447	558	303	443	444	445	535	403	440	5524	15879	75.83
1978	466	571	464	281	240	222	241	144	146	0	444	225	3546	19425	76.45
1979	580	430	324	271	36	0	0	0	0	0	0	0	1146	20571	75.20
1980	436	410	344	175	0	0	0	502	574	140	464	574	4403	24974	73.00
1981	482	421	535	387	406	507	0	0	674	530	374	572	4728	29702	70.70
1982	377	414	500	358	411	150	0	0	0	21	636	175	3714	33416	68.33
1983	524	481	508	523	78	808	518	503	444	444	428	532	5633	39049	46.42
TOTAL PRODUCTION TO DATE #														35877	

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

April 7, 1976

REPLY TO
S. H. W. JENN ET.
OKLAHOMA CITY, OKLA.
73118

Consolidated Gas Supply Corporation
445 West Main Street
Clarksburg, West Virginia 26301

Attn: Mr. E. B. Nuckols

Subject: Core Analysis Data
W. L. Pinnell No. 12041 Well
Jackson County, West Virginia
CLI File 3402-8560

Gentlemen:

Diamond cores were taken in the W. L. Pinnell No. 12041 Well. Twenty-six samples were selected between 3238 and 3650 feet and were submitted to the Oklahoma City laboratory for analysis. The measured physical properties are presented in tabular form on page one.

The cores were analyzed using Dean-Stark plug analysis procedures, as requested in your letter of February 20, 1976. The porosities and grain densities were determined by Boyle's law, employing helium gas compression.

The cores are currently held at the Oklahoma City laboratory awaiting additional instructions.

It is a pleasure to have this opportunity of serving you.

Very truly yours,

CORE LABORATORIES, INC.

Dale E. Boyle
Dale E. Boyle
District Manager

DEB:VJP:es

6 cc - Addressee

CORE ANALYSIS RESULTS

Company CONSOLIDATED GAS SUPPLY CORP. Formation 3602-8560
Well W. L. PINNELL NO. 12041 Core Type 4/7/76
Field JACKSON Drilling Fluid FUGR
County JACKSON State WEST VIRGINIA Location

Lithological Abbreviations

SHAND-SS	DOLOMITE-SS	ARGILLITE-LINT	SANDY-SS	FINE-FR	CRYSTALLINE-SS	BROWN-SS	FRACTURED-SS	SLIGHTLY-SS
SHALE-SS	SHALE-SS	CONGLOMERATE-SS	SHALE-SS	MEDIUM-SS	GRAIN-SS	GRAY-SS	LAMINATION-SS	VERY-V
LINT-SS	SHALE-SS	POSSILITE-SS	LINT-SS	COARSE-SS	GRANULAR-SS	VERY-SS	STYLITIC-SS	WITH-W
MPLE	DEPTH	PERMEABILITY	POROSITY	RESIDUAL SATURATION	GRAIN	SAMPLE DESCRIPTION		
INCH	FEET	MILLIDARCY	PER CENT	PER CENT	DENS.	AND REMARKS		
				OIL	TOTAL			
					WATER			

DEAN-STARK PLUG ANALYSIS

1	3238.0	<0.1	1.7	17.1	61.0	2.62	Sh
2	3248.0	<0.1	3.4	25.6	51.2	2.58	Sh
3	3270.0	<0.1	2.1	20.0	50.0	2.63	Sh
4	3298.0	<0.1	2.2	15.6	66.7	2.89	Sh,pyr
5	3334.0	<0.1	3.0	13.9	44.4	2.74	Sh,slty,sl/pyr
5	3340.0	<0.1	3.1	9.5	59.5	2.76	Sh,slty,sl/pyr
7	3353.0	<0.1	3.9	4.3	62.9	2.77	Sh,slty,sl/pyr
3	3383.0	<0.1	2.0	9.1	61.4	2.61	Sh
9	3410.0	<0.1	1.6	0.0	65.8	2.75	Sh,slty,dol
3	3449.0	<0.1	2.9	20.7	43.1	2.83	Sh,pyr
1	3460.0	<0.1	1.9	10.6	53.2	2.62	Sh
2	3470.0	<0.1	2.4	15.4	59.0	2.66	Sh
3	3478.0	<0.1	2.1	16.7	46.7	2.59	Sh
4	3490.0	<0.1	2.2	23.6	50.9	2.60	Sh
5	3508.0	<0.1	3.5	10.8	54.2	2.79	Sh,pyr
6	3538.0	<0.1	2.5	23.5	51.0	2.59	Sh
7	3561.0	<0.1	2.7	22.6	48.4	2.63	Sh
8	3565.0	<0.1	2.4	26.7	46.7	2.59	Sh
9	3569.0	<0.1	3.4	7.9	57.9	2.77	Sh,sl,dol,sl/pyr
0	3587.0	<0.1	2.7	24.2	54.5	2.62	Sh
1	3591.0	<0.1	2.6	29.0	51.6	2.63	Sh
2	3599.0	<0.1	2.0	25.0	56.3	2.62	Sh
3	3603.0	<0.1	2.8	27.9	50.0	2.60	Sh
4	3627.0	<0.1	2.4	2.12	57.6	2.63	Sh,sl/pyr
5	3636.0	<0.1	2.7	28.8	52.1	2.57	Sh
6	3650.0	<0.1	2.9	7.1	75.7	2.82	Sh,sl,dol,pyr