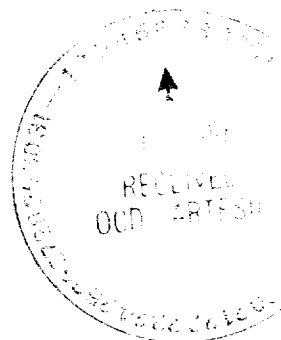


SCAL, Inc.

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FROM
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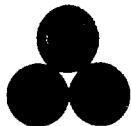
Devon Energy Corporation



Drilled Sidewall Core Analysis Report

**Todd 36 'P' State No. 19
Eddy County, New Mexico**

The analysis, interpretations or opinions expressed in our reports represent the best judgement of Special Core Analysis Laboratories Inc.. Special Core Analysis Laboratories Inc. assumes no responsibility and makes no warranties of any kind as to the productivity, proper operation or profitability of any oil, gas or any other mineral in connection which such a report is used or relied upon.



SCAL, Inc.

SPECIAL CORE ANALYSIS LABORATORIES

July 30, 1997

Mr. Jason Hamilton

Devon Energy Corporation
20 N. Broadway, Ste. 1500
Oklahoma City, OK 73102-8260

Reference: Drilled Sidewall Core Analysis
File: 7468
Todd 36 'P' State No. 19
Eddy County, New Mexico

Dear Mr. Hamilton,

Please find enclosed the final core analysis report for the 43 rotary sidewall core samples.

The following procedures were used:

The sample containers were opened and a gas detector was used to determine the presence and relative amount of flammable gas. The ends of the samples were trimmed and UV and natural light photography was taken. A Dean-Stark extraction was performed to remove the pore water. The rest of the oil was extracted using an automated CO₂ core cleaner. A material balance was performed to determine the oil saturation. After drying, the porosity and air permeability (@ 1,000 psi confining pressure) were determined.

It was a pleasure performing these analyses for you. If you have any further questions please feel free to contact our laboratory.

Thank you for using SCAL Inc..

Sincerely,

John Shuler
Lab Supervisor

Drilled Sidewall Core Analysis Report

Company : Devon Energy Corporation
 File No. : 7468
 Well : Todd 36 "P" State No. 19
 Location : 773' FSL & 571' FEL

Field : Ingle Wells (Brushy Canyon)

Formation :
 Eddy County, New Mexico

Sample Number	Depth ft	Air Permeability mD	Porosity %	Grain Density g/cc	Sw %	So %	Gas Units	Fluorescence		Sample Description
								%	Description	
1	4,579.0	.710	18.3	2.66	82.9	0.0	5	0		Ss lt gy sm dk gy clr fn sbang mod wl srtid sm cc cem
2	4,587.0	.822	20.3	2.67	72.6	0.0	0	tr	Yl lam	Ss lt gy clr fn gr sbang mod wl srtid sm cc cem
3	4,594.0	.833	19.8	2.66	64.3	6.9	0	10	Yl lam	Ss lt gy clr fn gr sbang mod wl srtid sm cc cem
4	6,716.0	67.6	20.7	2.61	48.3	27.7	65	100	Yl	Ss gy lt gy clr sm gr sbang mod srtid
5	6,720.0	23.7	29.1	2.62	54.2	21.3	10	100	DI Yl	Ss gy lt gy clr sm gr sbang mod srtid
6	6,979.0	5.68	16.5	2.65	60.5	20.5	5	100	DI Yl	Ss gy lt gy tr dk gy clr f gr sbang mod srtid cc cem
7	7,149.0	.070	8.0	2.64	74.2	0.0	0	0		Ss gy lt gy tr dk gy clr f gr sbang mod srtid cc cem
8	7,164.0	1.01	13.6	2.65	95.7	0.0	5	0		Ss gy lt gy tr dk gy clr f gr sbang mod srtid cc cem
9	7,182.0	.744	14.2	2.64	35.6	0.0	5	0		Ss gy lt gy tr dk gy clr f gr sbang mod srtid cc cem
10	7,199.0	.134	9.6	2.64	95.7	0.0	0	0		Ss gy lt gy clr sm gr sbang mod srtid tr cem sm cc cel
11	7,213.0	.093	15.4	2.64	62.4	0.0	5	0		Ss gy lt gy clr sm gr sbang mod srtid tr cem sm cc cel
12	7,222.0	4.76	15.5	2.64	64.5	0.0	5	0		Ss gy lt gy clr sm gr sbang mod srtid tr cem sm cc cel
13	7,354.0	.222	17.0	2.65	95.2	0.0	0	0		Ss gy lt gy clr sm gr sbang mod srtid tr cem sm cc cel
14	7,364.0	12.8	19.5	2.62	58.4	22.3	5	100	DI Yl	Ss gy lt gy clr sm gr sbang mod srtid tr cem sm cc cel
15	7,421.0	3.62	14.4	2.64	62.3	23.6	0	100	DI Yl	Ss gy lt gy clr sm gr sbang mod srtid tr cem sm cc cel
16	7,568.0	.047	4.8	2.66	59.1	11.3	20	45	Yl lam	Ss sltst sm shale dk gy sm lt gy int layered
17	7,569.0	4.97	14.3	2.64	72.1	17.2	225	85	Yl lam	Ss gy lt gy clr fn gr sbang mod srtid sm cc cem
18	7,601.0	.476	13.9	2.65	74.1	0.0	5	0		Ss gy lt gy clr fn gr sbang mod srtid tr cc cem
19	7,615.0	.185	12.1	2.67	69.9	0.0	0	tr	Yl	Ss gy lt gy clr fn gr sbang mod srtid sm cc cem
20	7,626.0	.247	11.6	2.65	84.3	0.0	5	0		Ss gy lt gy clr fn gr sbang mod srtid sm cc cem

Drilled Sidewall Core Analysis Report

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Field : Ingle Wells (Brushy Canyon)

Formation :
 Eddy County, New Mexico

Sample Number	Depth ft	Air Permeability mD	Porosity %	Grain Density g/cc	Sw %	So %	Gas Units	Fluorescence		Sample Description
								%	Description	
21	7,636.0	.221	10.4	2.65	85.3	0.0	5	0		Ss gy lt gy clr fn grns sbang mod wl srtld sm cc cem
22	7,659.0	.517	12.5	2.64	92.4	0.0	0	0		Ss gy lt gy clr fn grns sbang mod wl srtld sm cc cem
23	7,671.0	1.27	14.4	2.65	94.0	0.0	5	0		Ss gy lt gy clr fn grns sbang mod wl srtld sm cc cem
24	7,678.0	2.44	13.5	2.64	45.7	17.8	80	90	Yl lm	Ss gy lt gy clr fn grns sbang mod wl srtld sm cc cem
25	7,736.0	4.58	14.0	2.64	39.1	25.4	150	100	Brt Yl	Ss gy lt gy clr fn grns sbang mod wl srtld sm cc cem
26	7,741.0	.755	11.8	2.65	91.0	0.0	5	tr	Yl	Ss gy lt gy clr fn grns sbang mod wl srtld sm cc cem
27	7,749.0	.022	6.4	2.65	72.1	9.1	50	10	Yl	Slsst dk gy lt gy silt shaly sm cc cem
28	8,086.0	.397	6.1	2.66	86.3	0.0	10	tr	Yl	Ss gy lt gy clr fn grns sbang mod wl srtld cc cem
29	8,091.0	1.21	12.1	2.65	82.5	0.0	0	0		Ss gy lt gy clr fn grns sbang mod wl srtld sm cc cem
30	8,097.0	1.22	12.7	2.65	94.5	0.0	5	0		Ss gy lt gy clr fn grns sbang mod wl srtld sm cc cem
31	8,137.0	12.4	15.9	2.65	71.5	22.1	40	100	Brt Yl	Ss gy lt gy clr fn grns sbang mod wl srtld sm cc cem
32	8,139.0	9.55	16.7	2.64	43.3	20.2	150	100	Brt Yl	Ss gy lt gy tr dk gy clr fn grns sbang mod srtld sm cc cem
33	8,176.0	1.37	12.5	2.65	62.0	9.8	50	60	Yl lam	Ss gy lt gy clr fn grns sbang mod wl srtld sm cc cem
34	8,181.0	8.95	14.7	2.64	46.4	21.2	85	100	DI Yl	Ss gy lt gy clr fn grns sbang mod wl srtld sm cc cem
35	8,187.0	5.57	13.5	2.64	44.6	21.7	60	100	DI Yl	Ss gy lt gy clr fn grns sbang mod wl srtld sm cc cem
36	8,192.0	2.32	13.6	2.64	40.0	23.5	100	100	Brt Yl	Ss gy lt gy clr fn grns sbang mod wl srtld cc cem
37	8,228.0	1.09	9.7	2.64	71.3	22.5	20	100	Gld	Ss gy lt gy clr fn grns sbang mod srtld sm hcshts cc cem
38	8,231.0	.038	1.8	2.66	75.2	0.0	10	tr	Yl	Slsst dk gy lt gy cc cem
39	8,253.0	.172	7.7	2.65	60.2	19.8	5	100	DI Gld	Ss gy lt gy clr fn grns sbang mod wl srtld sm cc em
40	8,258.0	.176	7.6	2.66	54.2	23.8	10	100	DI Gld	Ss gy lt gy clr fn grns sbang mod wl srtld sm cc em

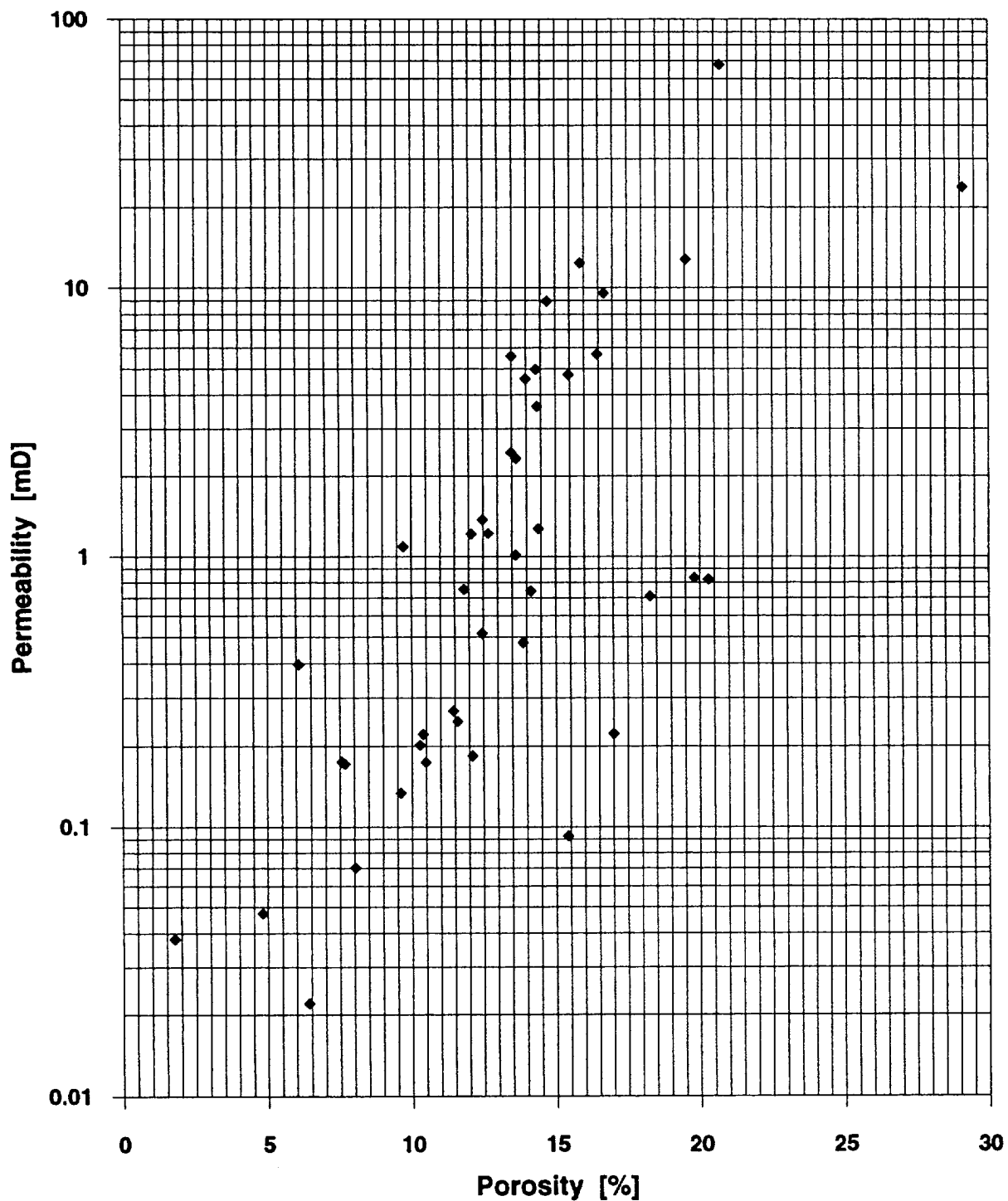
Drilled Sidewall Core Analysis Report

Company : Devon Energy Corporation
File No. : 7468
Well : Todd 36 "p" State No. 19
Location : 773' FSL & 571' FEL

Field : Ingle Wells (Brushy Canyon)
Formation : Eddy County, New Mexico

Sample Number	Depth ft	Air Permeability mD	Porosity %	Grain Density g/cc	Sw %	So %	Gas Units	Fluorescence		Sample Description
								%	Description	
41	8,301.0	.202	10.3	2.66	36.9	21.7	100	100	Yl lm	Ss lt gy clr fn grns sbang mod wl srtnd cc cem
42	8,319.0	.174	10.5	2.65	44.6	20.1	20	95	Brt Yl	Ss lt gy clr fn grns sbang mod wl srtnd cc cem
43	8,328.0	.269	11.5	2.65	36.4	25.1	30	100	Yl	Ss lt gy clr fn grns sbang mod wl srtnd cc cem

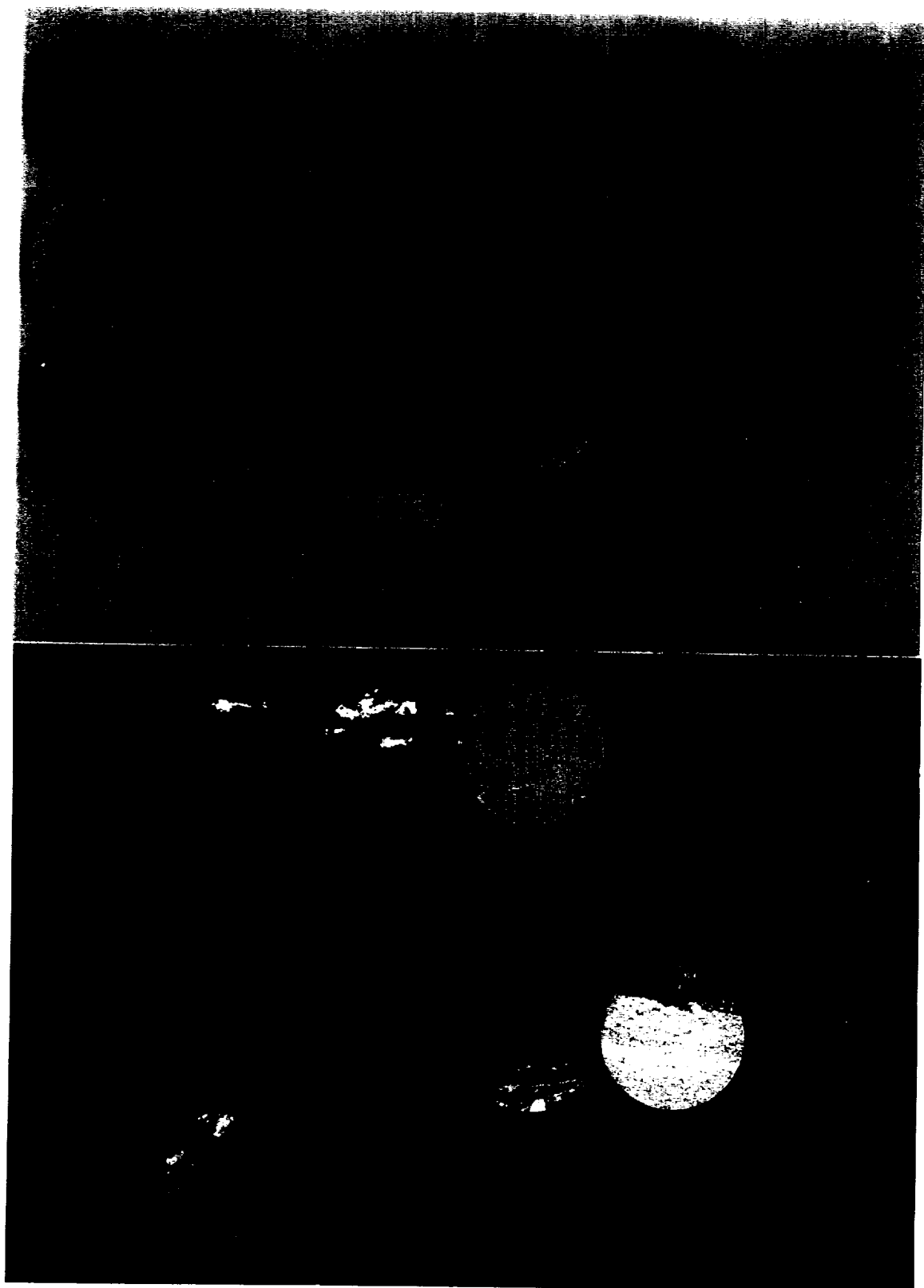
Permeability vs Porosity
Todd 36 'P' State No. 19



Core Description Abbreviations

ang	angular	grn	green	rd	red
anhy	anhydrite	grst	grainstone	rnd	round
ark	arkosic	gy	gray	sband	subangular
arg	argillaceous	gyp	gypsum	sc	surface contamination
bl	blue	hfrac	horizontally fractured	sh	shale
bdgg	bleeding gas	hal	halite	strgr	stringer
bdgo	bleeding oil	incl	inclusion	sbrnd	subround
blk	black	intrgr	intergranular	scat	scattered
blky	blocky	intrxn	intercrystalline	sd(y)	sand(y)
brn	brown	ip	in part	sh	shale
brt	bright	lam	lamina(-ated)	shy	shaley
bf	buff	ls	limestone	sil	siliceous
calc	calcareous	lt	light	sl	slight(ly)
carb	carbonaceous	md	medium	sity	silty
cg	coarse grain	mf	mineral fluorescence	sp	spotty
cgl	conglomerate	mg	medium grain	ss	sandstone
chky	chalky	micr	micritic	silst	siltstone
chrt	cherty	mod	moderate	srt	sorted
com	common	mtld	mottled	styl	stylolite
conch	conchoidal	mdst	mudstone	suc	sucrosic
cnsl	consolidated	n/a	not available	tbfa	too broken for analysis
crn	cream	nod	nodules	tn	tan
cslt	coarse siltstone	nvp	no visible porosity	tr	trace
dk	dark	o	oil	v	very
dns	dense	ool	oolitic	vfrac	vertically fractured
dol	dolomite	orng	orange	vfg	very fine grain
dolic	dolomitic	peld	peloid	vug	vug(gy)
dru	drusy	pisol	pisolitic	w/	with
dul	dull	pk	pink	wht	white
fg	fine grain	pkst	packstone	wk(-ly)	weak(-ly)
fiss	fissile	por	porosity	wkst	wackestone
foss	fossiliferous	poss	possible	wl	well
frac	fractured	ppp	pinpoint porosity	xln	crystalline
fri	friable	pr(-ly)	poor(-ly)	xfg	extremely fine grained
gil	gilsonite	ptg	parting	xtl	crystal
glauc	glaucanite	pyr	pyrite	yl	yellow

Todd 36 'P' State No. 19



Todd 36 'P' State No. 19

