

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd , Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised Feb. 26, 2007

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address ConocoPhillips Company 3300 N. "A" Street, Bldg. 6 #243 Midland, TX 79705-5406		² OGRID Number 217817
		³ Reason for Filing Code/ Effective Date NW 5/07
⁴ API Number 30 -025-38364	⁵ Pool Name VACUUM; GLORIETA	⁶ Pool Code 62160
⁷ Property Code 31257	⁸ Property Name VACUUM GLORIETA EAST UNIT	⁹ Well Number 19-025

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West line	County
F	32	17S	35E		2630' 2634	NORTH	1650'	SOUTH	

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code S	¹³ Producing Method Code P	¹⁴ Gas Connection Date 07/19/2007	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

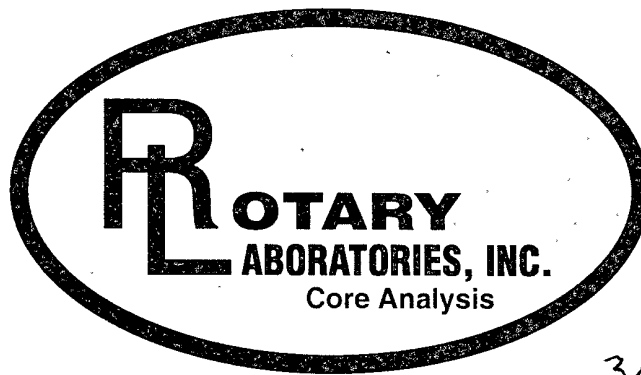
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
036785	DCP P.O. BOX 1642 HOUSTON, TX 77252-1642	G
030419	PHILLIPS PIPELINE COMPANY 9 B-2 ADAMS BLDG BARTLESVILLE, OK 74004	O
034053	PLAINS PIPELINE L.P. BOX 4648 HOUSTON, TX 77210-4648	O

IV. Well Completion Data

²¹ Spud Date 5/31/07	²² Ready Date 7/12/07	²³ TD 6310	²⁴ PBDT 6264	²⁵ Perforations 6054-6116	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17"	13-3/8"	40'			
12-1/4"	8-5/8"	1595'	800 SX CLC		
7-7/8"	5-1/2"	6303'	600 SX 50/50 POZ		

V. Well Test Data

³¹ Date New Oil 07/12/2007	³² Gas Delivery Date 07/12/2007	³³ Test Date 07/23/2007	³⁴ Test Length 24	³⁵ Tbg. Pressure 35	³⁶ Csg. Pressure 35
³⁷ Choke Size 7	³⁸ Oil	³⁹ Water 6	⁴⁰ Gas 0		⁴¹ Test Method
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Gay Thomas</i>			OIL CONSERVATION DIVISION		
Printed name: Gay Thomas			Approved by: <i>Chris Williams</i>		
Title: Regulatory Technician			Title: OC DISTRICT SUPERVISOR/GENERAL MANAGER		
E-mail Address: Gay.Thomas@conocophillips.com			Approval Date: JAN 11 2008		
Date: 01/08/2008		Phone: (432)688-6818			



3D-025-38364

Rotary Sidewall Core Analysis Report

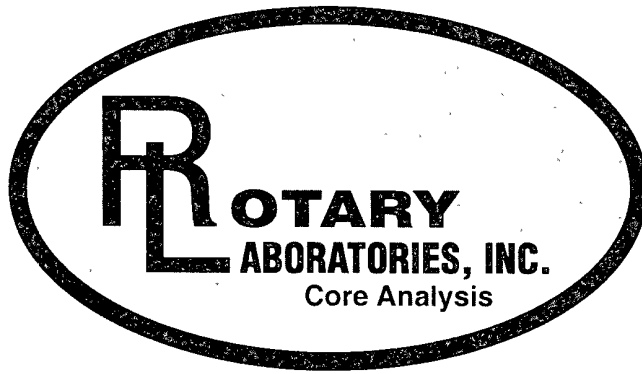
For

ConocoPhillips Company
VACUUM GLORIETA EAST UNIT 19-25
LEA COUNTY, NEW MEXICO

RECEIVED

JAN - 9 2008

HOBBS OCD



June 29, 2007

ConocoPhillips Company
Westlake III
550 Westlake Park Blvd., Room 6008
Houston, TX 77079

Attn: DAVID ORCHARD

RE: VACUUM GLORIETA EAST UNIT 19-25
Rotary Sidewall Core Analysis

Mr. ORCHARD :

The core analysis data from the above referenced well is enclosed in the following pages. All quality control data is enclosed in a separate section of the report. The data, results, and photographic negatives will be maintained in our files for your future reference. If you have any questions regarding our results or procedures, please do not hesitate to contact us. We appreciate the opportunity to analyze the core from the above referenced well and look forward to working with you again in the future.

ConocoPhillips Company
Attn: DAVID ORCHARD
Westlake III
550 Westlake Park Blvd., Room 6008
Houston, TX 77079
2 Copies of the report (1 with photographs and 1 CD-ROM)

Sincerely,

Wayne Helms, President
Rotary Laboratories, Inc.

Distribution: Following Page



ConocoPhillips Company

Attn: MICHELLE NAVARRETTE
4001 Penbrook Street
Odessa, TX 79762
4 Copies of the report and 1 CD-ROM

ConocoPhillips Company

Attn: CELESTE DALE
3300 N. 'A' Street, Bldg. 6, Room 247
Midland, TX 79705-5406
2 Copies of the report

XTO Energy

Attn: RICHARD SIMPSON
810 Houston Street
Fort Worth, TX 76102
3 Copies of the report and 1 CD-ROM

McBee Operating Company, LLC

Attn: VON GORDON
4311 Oak Lawn Ave , Suite 310
Dallas, TX 75219
1 Copy of the report

Ann McBee Buell

11241 Russwood Circle
Dallas, TX 75229
1 Copy of the report

W.D. McBee Enterprises, Ltd

5942 Averill Way
Dallas, TX 75225
1 Copy of the report



**CORE ANALYSIS PROCEDURES
FOR
ConocoPhillips Company**

VACUUM GLORIETA EAST UNIT 19-25

LEA COUNTY, NEW MEXICO

The Rotary Sidewalls were delivered to Rotary Laboratories, Inc.

Gases from the Sidewalls were measured by Hot Wire Chromatography and reported in Gas Units.

A brief Lithological Description of the Sidewalls was recorded.

A description of the Fluorescence of the Sidewalls was recorded.

Ultraviolet Light Photographs were taken of the Sidewalls for a permanent record.

Natural Light Photographs were taken of the Sidewalls for a permanent record.

Composite Photographs of the Sidewall End Trims were taken under Natural and Ultraviolet Light.

The Sidewalls were extracted utilizing the Dean Stark method. Selected samples were leached with Methanol to remove the salts.

The fluids were measured by the Dean Stark method.

Porosities were measured in a Boyle's Law Porosimeter utilizing Helium.

Permeabilities were measured in a Hassler Sleeve Permeameter utilizing Nitrogen at 300 psi confining pressure.

Test samples of a known permeability were measured before and after the Sidewall permeabilities were measured.

ROTARY SIDEWALL CORE ANALYSIS

CONOCOPHILLIPS COMPANY
VACUUM GLORIETA EAST UNIT 19-25
LEA COUNTY, NEW MEXICO

A.P.I. NUMBER : 30-025-38364
FIELD : Vacuum Glorieta
LOCATION: 2634' FNL, 1650' FWL,
Section 32, T-17-S, R-35-E

FILE NO. : 070620-1
DATE : June 21, 2007
ANALYSTS : WH, SB, PK, JR

DEAN STARK EXTRACTION

SAMPLE NO.	DEPTH ft	GRAIN DENSITY	POROSITY %	PERM mD	SATURATIONS Sw	So	GAS UNITS	FLUORESCENCE %	LITHOLOGY
1	5,811.0	2.86	12.2	0.637	85.0	0.0	0	0	Dol tn-brn sslty sdy suc i/p sc ppp
2	5,819.0	2.83	13.6	0.871	90.0	0.0	0	0	Dol tn-brn sslty sdy suc i/p sc ppp
3	5,823.0	2.83	13.8	4.212	91.9	0.0	0	0	Dol tn-brn mod-sslty sdy suc i/p sc ppp
4	5,838.0	2.85	9.3	0.853	89.8	0.0	0	0	Dol tn-brn sslty sdy suc i/p sc ppp
5	5,850.0	2.79	6.5	0.586	88.4	0.0	0	0	Dol tn-brn lmy sslty anhyd tr ppp sc foss
6	5,876.0	2.73	5.4	0.163	84.4	0.0	0	0	Dol tn-brn lmy sslty tr ppp tr anhy sc foss
7	5,912.0	2.79	9.5	0.607	90.2	0.0	0	0	Dol tn-brn lmy sslty sc ppp sc foss
8	5,922.0	2.75	10.6	0.862	86.3	0.0	0	0	Dol tn-brn lmy sslty sc ppp sc foss
9	5,950.0	2.81	8.7	0.315	86.6	0.0	0	0	Dol tn-gy mod-sslty tr anhy
10	5,985.0	2.80	23.1	0.856	67.6	9.7	196	20	Brt gld-yl vug Dol tn-brn mod-sslty sdy sc ppp-vug tr pyr
11	5,996.0	2.81	12.7	0.246	72.8	3.9	59	10	Brt gld-gld Dol tn-brn sslty tr ppp sc sml A/I pyr
12	6,023.0	2.83	14.2	1.094	40.4	15.3	508	90	Brt gld-dl yl Dol tn-brn mod slty sdy tr ppp tr pyr
13	6,045.0	2.80	16.3	0.878	42.2	16.1	491	90	DI yl-gld-grn Dol tn-brn mod-sslty sdy tr ppp sc sml A/I tr foss tr pyr
14	6,057.0	2.74	19.5	tbfa	29.1	20.3	390	90	Brt yl-dl yl-grn Ls tn-brn mod slty sdy abd ppp foss pyr
15	6,064.0	2.70 *	19.6	1.282	28.5	24.8	493	90	Brt yl-dl yl-grn Ls tn-brn mod slty sdy abd ppp foss tr pyr abd hal
16	6,075.0	2.72 *	17.6	0.455	34.0	24.5	226	70	Brt yl-dl yl-grn Ls tn-brn mod slty sdy abd ppp foss tr pyr abd hal
17	6,085.0	2.74 *	18.6	0.108	16.9	18.0	308	90	Brt yl-dl yl-grn Ls tn-brn mod slty sdy abd ppp foss tr pyr abd hal

* = Sample leached with methanol to remove the salts.



ROTARY SIDEWALL CORE ANALYSIS

CONOCOPHILLIPS COMPANY
VACUUM GLORIETA EAST UNIT 19-25
LEA COUNTY, NEW MEXICO

A.P.I. NUMBER : 30-025-38364
FIELD : Vacuum Glorieta
LOCATION: 2634' FNL, 1650' FWL,
Section 32, T-17-S, R-35-E

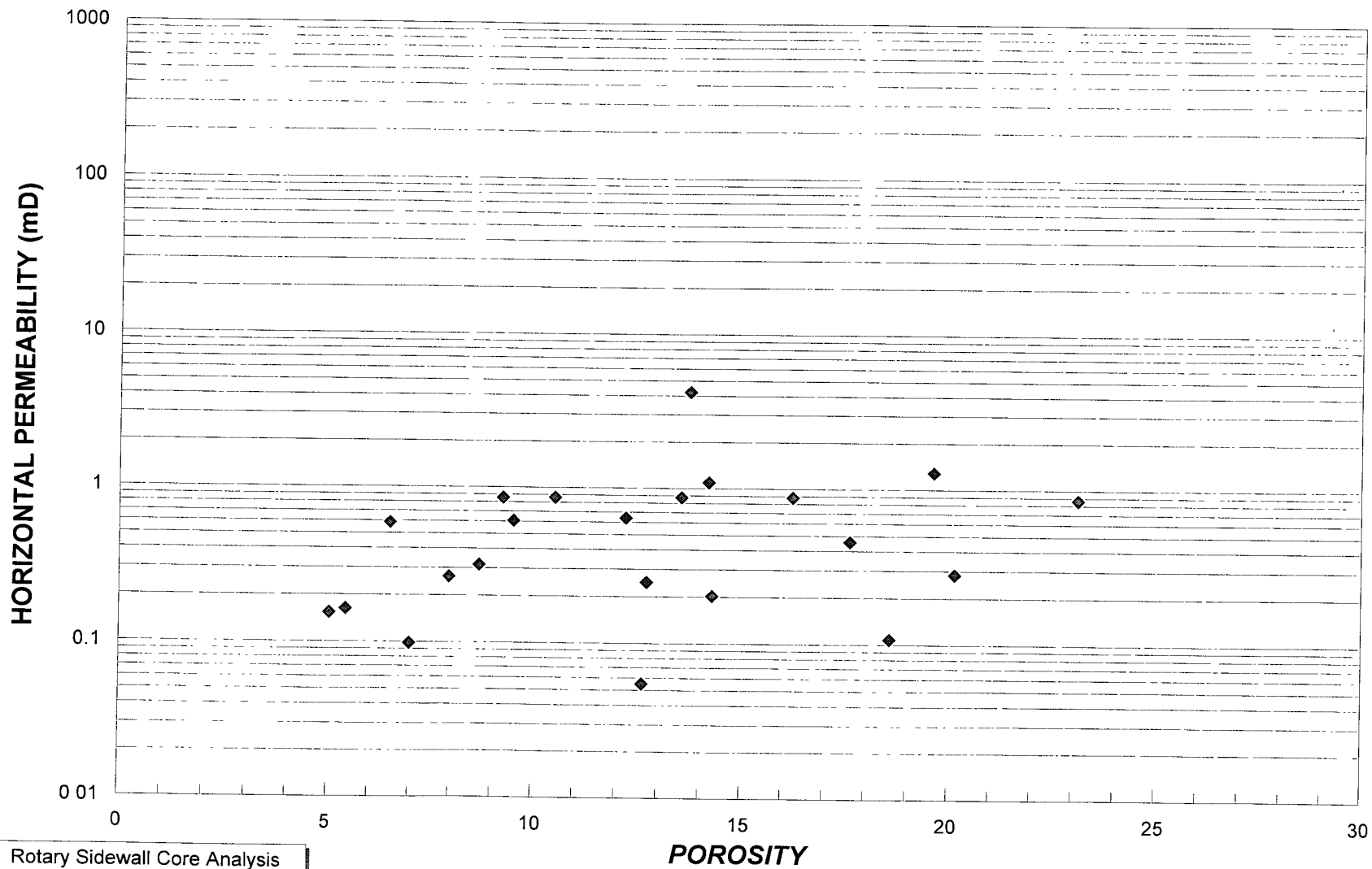
FILE NO. : 070620-1
DATE : June 21, 2007
ANALYSTS : WH, SB, PK, JR

DEAN STARK EXTRACTION

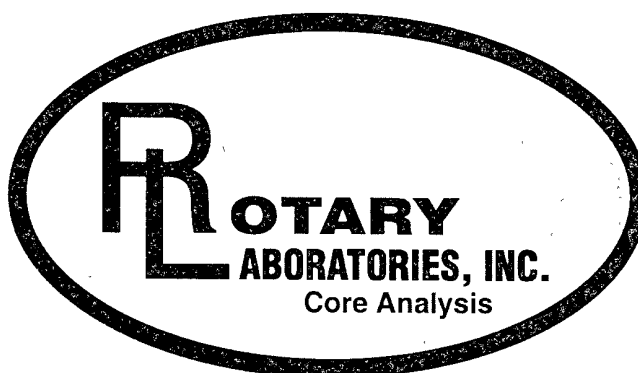
SAMPLE NO.	DEPTH ft	GRAIN DENSITY	POROSITY %	PERM mD	SATURATIONS Sw	So	GAS UNITS	FLUORESCENCE %	LITHOLOGY
18	6,102.0	2.70	* 17.7	tbfa	29.4	27.0	329	70	Br t yl-dl yl-grn Ls tn-brn mod slty sdy abd ppp foss tr pyr abd hal
19	6,106.0	2.72	* 20.2	0.281	30.2	20.4	279	40	Br t yl-dl yl-grn Ls tn-brn mod slty sdy abd ppp foss tr pyr abd hal
20	6,113.0	2.73	* 14.3	0.202	21.1	32.1	307	60	Br t yl-dl yl-grn Ls tn-brn mod slty sdy abd ppp foss tr pyr abd hal
21	6,129.0	2.73	* 9.9	tbfa	36.4	18.7	90	30	Br t yl-dl yl-grn Ls tn-brn mod-ssltly sdy sc ppp foss tr pyr abd hal
* = Sample leached with methanol to remove the salts.									
22	6,155.0	2.73	7.0	0.098	71.2	Tr	0	Tr	Br t yl-dl yl-grn Ls tn-brn sslty sdy sc foss
23	6,182.0	2.70	8.0	0.263	62.8	12.9	87	20	DI yl-brt yl Ls tn-brn mod-ssltly sdy tr ppp tr anhy sc foss
24	6,203.0	2.70	5.0	0.153	72.6	0.0	0	0	Ls tn-brn sslty sdy sc foss
25	6,215.0	2.79	12.6	0.055	85.6	0.0	0	0	Ls tn-brn mod-ssltly sdy sc foss



CONOCOPHILLIPS COMPANY
VACUUM GLORIETA EAST UNIT 19-25



P.O. Box 3501 • Midland, Texas 79702-3501 • 432-684-8800 • Fax 432-684-8821 • E-mail rotarylab@prodigy.net



CONOCOPHILLIPS COMPANY

VACUUM GLORIETA EAST UNIT 19-25

06/30/2007

QUALITY CONTROL RERUN DATA

Sample No.	GRAIN DENSITY		POROSITY		<i>k</i> standard Test Sample	PERMEABILITY	
	original	reruns	original	reruns		original	reruns
1	2.855	2.855	12.24	12.23			
3	2.833	2.832	13.76	13.70	2.612	4.212	4.020
5	2.787	2.788	6.52	6.54			
7	2.794	2.794	9.54	9.53		0.607	0.603
10	2.803	2.801	23.14	23.08			
15	2.701	2.699	19.64	19.57		1.282	1.235
19	2.716	2.717	20.17	20.18			
22	2.732	2.734	7.01	7.08	2.608	0.098	0.090
25	2.787	2.788	12.64	12.66			

LITHOLOGICAL ABBREVIATIONS

Anhydrite (-ic)	anhy, anhyd	Filled	fd	Poor	pr
Anhydrite inclusion	A/I	Fine (-ly)	f, fnly	Pyrite	pyr
Bentonite (-ic)	bent	Fluorescence	flu	Quartz (-itic)	qtz
Black (-ish)	blk, blksh	Fossil (-iferous)	foss	Red (ish)	rd, rdsh
Bleeding Oil	B/O	Fracture	frac	Round	rnd
Brecciated	brec	Fragments	frag	Residual Oil	So
Bright	brt	Friable	fri	Residual Water	Sw
Brittle	brit	Fusulinid	fus	Sample	Spl
Broken	brkn	Gilsonite	gil	Sandstone	Ss
Brown	brn	Gold	gld	Sandy	sdv
Buff	bf	Good	gd	Scattered	sc
Calcite (-ic)	calc, calctc	Grain (-s)	gr	Shaley	shy
Calcareous	calc	Granular	gran	Shale	sh
Carbonaceous	carb	Gray	gy	Shale parting	s/p
Cement	cmt	Green	grn	Silt (-y)	slt, slty
Chalk (-y)	chk, chky	Gypsum	gyp	Siliceous	sil
Chert	cht	Hair line(frac)	hl	Slight (-ly)	sli, s
Clay	cl	Halite	hal	Small	sml
Clear	clr	Inclusion	incl	Spotted (-y)	sp
Coal	c	Laminations (ated)	lam	Stringer	strgr
Coarse	crs	Large	lrg	Stylolite (-itic)	sty, styl
Conglomerate	cgl	Light	lt	Sucrosic	suc
Consolidated	consol	Limestone	ls	Sulphur	su
Contaminated	contam	Limey	lmy	Tan	tn
Crinoid (-al)	crin, crinal	Lithology	lith	Too broken	tbfa
Cross-bedded	x-bd	Medium	m	(for Analysis)	
Crystal (-line)	Xl, xln	Mineral Fluorescence	mf	Thin	thn
Dark	dk	Moderate	mod	Trace	Tr
Dense	dns	Mudcake	m/c	Very	v
Diameter	dia	No Show	N/S	Vertical	vert, vt
Dolomite (ic)	dol, dolm	Oolite (-itic)	ool	Vug (-gy)	vug
Dull	dl	Pale	pl	Well	wl
Faint	fnt	Permeability	Perm, K	White	wht
Fair	fr	Pin-Point Porosity	ppp	Yellow	yl

