L & M DRILLING, INC.

OIL WELL DRILLING CONTRACTORS
PO BOX 1370 ARTESIA, NEW MEXICO 88211-1370
(505) 746-4405 746-3518 748-2205

September 21, 2001

Seely Oil Company
815 W. 10th St.
Fort Worth, TX 76102

RE: EK Queen Unit No. 43 Unit F
1650' FNL & 2310' FWL 30-025-35684
Sec. 18, T18S, R34E
Lea County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION	DEPTH	DEVIATION
482'	1/2°	2791'	1 1/2°
941'	1/2°	3381'	1 1/4°
1433'	1 1/2	3969'	1 1/4°
1662'	1°	4420'	1 1/2°
1800'	1°	4730'	1°
2327'	1 1/2°		

Very truly yours,

Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 21st day of September, 2001.

Regina L. Garner
Notary Public

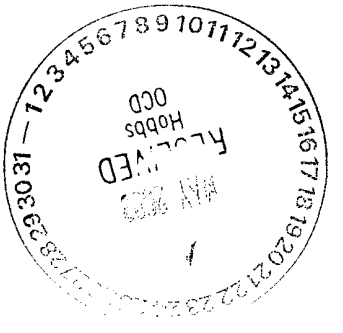
OFFICIAL SEAL
REGINNA L. GARNER
NOTARY PUBLIC - NEW MEXICO
NOTARY BOND FILED WITH SECRETARY OF STATE
My Commission Expires Aug. 30, 2004

CORE ANALYSIS REPORT

FOR

SEELY OIL COMPANY

E K QUEEN NO. 43
E K YATES SEVEN RIVERS QUEEN
LEA COUNTY, NEW MEXICO



Core Lab
PETROLEUM SERVICES

CORE LABORATORIES

CORE ANALYSIS REPORT

FOR

SEELY OIL COMPANY

E K QUEEN NO. 43
E K YATES SEVEN RIVERS QUEEN
LEA COUNTY, NEW MEXICO

Core Lab
PETROLEUM SERVICES

Petroleum Services
2001 Commerce
Midland, Texas 79703
P.O. Box 4337
Midland, Texas 79704-4337
Tel: (915) 694-7761
Fax: (915) 694-3191
www.corelab.com

September 24, 2001

SEELY OIL COMPANY
815 W. 10th Street
Fort Worth, Texas 76102-3528

File No: 57181-18403
Subject: Drilled Sidewall Analysis
E K Queen No. 43
E K Yates Seven Rivers Queen Field
Lea County, New Mexico

Gentlemen:

Sidewall Core Analysis was made on 24 drilled sidewall core samples received from Schlumberger.

Samples were photographed under both ultraviolet and natural light. Digital core photographs are contained on CD.

Gas expansion porosity and grain density were determined using Boyle's Law.

Gas detection was measured using a "Hot Wire Gas Detector" on gas in the sealed containers.

Air permeability was measured horizontally on drilled sidewalls.

Descriptions and fluorescence were visually determined microscopically.

The samples will be returned to client.

We trust these data will be useful in the evaluation of your property and thank you for the opportunity of serving you.

Very truly yours,
CORE LABORATORIES, INC.

John Sebian
Laboratory Supervisor

JS/ym

CORE LABORATORIES

Company : SEELY OIL COMPANY
Well : E K QUEEN NO. 43
Location : 1650' FNL & 2310' FWL, SEC. 18, T-18-S, R-34-E
Co,State : LEA COUNTY, NEW MEXICO

Field : EK YATES SEVEN RIVERS QN
Formation : VARIOUS
Coring Fluid : BRINE
Elevation : 4090' KB

File No.: 57181-18403
Date : 9-21-01
API No. : 30-025-35684
Analysts: SEBIAN

CORE ANALYSIS RESULTS

SAMPLE NUMBER	DEPTH ft	INCHES REC.	PERMEABILITY (HORIZONTAL) Kair md	POROSITY (HELIUM) %	SATURATION (PORE VOLUME) OIL %	SATURATION (PORE VOLUME) WATER %	SATURATION (BULK VOLUME) OIL %	SATURATION (BULK VOLUME) GAS %	GRAIN DENSITY gm/cc	GAS DETECTOR UNITS	DESCRIPTION
DRILLED SIDEWALL ANALYSIS											
YATES FORMATION											
1	3425.0	1.7	<.01	1.9	12.0	34.9	0.2	1.0	2.97	125.	Anhy, dol lam, 70% gld flu
2	3426.0	1.7	2.37	12.4	26.1	36.3	3.2	4.7	2.84	250.	Dol, anhy lam, 90% gld flu
3	3427.0	1.5	0.70	6.8	24.3	22.3	1.7	3.6	2.89	250.	Dol, v/anhy, 85% brt yel flu
SEVEN RIVERS FORMATION											
4	3653.0	1.7	0.21	13.0	0.0	85.4	0.0	1.9	2.71	20.	Sd, dk gry brn, vf-slt gr, lam, 0% flu no cut
5	3655.0	1.7	0.89	10.3	13.6	60.0	1.4	2.7	2.74	220.	Sd, brn gry, vf gr, anhy, 30% dull gld flu
6	3656.0	1.7	0.89	13.9	12.4	72.9	1.7	2.0	2.72	64.	Sd, gry grn, vf gr, sl shr, 5% dull gld flu
QUEEN FORMATION											
7	4442.0	1.5	0.15	6.6	0.0	83.8	0.0	1.1	2.73	5.	Sd, rd brn, vf gr, sl cly, 0% flu no cut
8	4443.0	1.7	0.08	3.7	0.0	77.3	0.0	0.8	2.74	3.	Sd, rd brn, vf gr, sl cly, 0% flu no cut
9	4444.0	1.7	0.17	6.8	0.0	82.6	0.0	1.2	2.72	6.	Sd, rd brn, vf gr, sl cly, 0% flu no cut
10	4445.0	1.7	0.24	6.1	0.0	80.5	0.0	1.2	2.72	4.	Sd, rd brn, vf gr, sl cly, lam, 0% flu no cut
11	4446.0	1.7	0.18	6.4	0.0	82.9	0.0	1.1	2.72	4.	Sd, rd brn, vf gr, sl cly, lam, 0% flu no cut
12	4447.0	1.7	0.16	9.1	0.0	86.5	0.0	1.2	2.70	4.	Sd, rd brn, vf gr, sl cly, lam, 0% flu no cut
13	4448.0	1.7	0.88	11.2	14.0	61.9	1.6	2.7	2.70	5.	Sd, rd brn, vf gr, sl cly, lam, 0% flu no cut
14	4449.0	1.2	0.03	3.5	0.0	82.5	0.0	0.6	2.80	3.	Sd, rd brn, vf gr, sl cly, sl anhy, 0% flu no cut
15	4453.0	1.7	0.06	3.9	0.0	81.6	0.0	0.7	2.74	2.	Sd, rd brn, vf gr, sl cly, 0% flu no cut
16	4454.0	1.7	0.11	7.8	0.0	88.6	0.0	0.9	2.70	2.	Sd, rd brn, vf gr, sl cly, 0% flu no cut

CORE LABORATORIES

SEELY OIL COMPANY
E K QUEEN NO. 43

Field : EK YATES SEVEN RIVERS QN
Formation : VARIOUS

File No.: 57181-18403
Date : 9-21-01

CORE ANALYSIS RESULTS

SAMPLE NUMBER	DEPTH ft	INCHES REC.	PERMEABILITY (HORIZONTAL) Kair md	POROSITY (HELIUM) %	SATURATION (PORE VOLUME) OIL %	SATURATION (PORE VOLUME) WATER %	SATURATION (BULK VOLUME) OIL %	SATURATION (BULK VOLUME) GAS %	GRAIN DENSITY gm/cc	GAS DETECTOR UNITS	DESCRIPTION
17	4455.0	1.7	0.06	2.5	0.0	74.0	0.0	0.7	2.75	2.	Sd, rd brn, vf gr, sl cly, 0% flu no cut
18	4456.0	1.5	0.05	4.6	0.0	84.1	0.0	0.7	2.76	2.	Sd, rd brn, vf gr, sl cly, 0% flu no cut
19	4457.0	1.7	0.09	4.5	0.0	82.0	0.0	0.8	2.73	1.	Sd, lt rd brn, vf gr, sl cly, lam, 0% flu no cut
20	4458.0	1.7	0.07	3.4	0.0	80.0	0.0	0.7	2.75	1.	Sd, lt rd brn, vf gr, sl cly, lam, 0% flu no cut
						PENN ROSE FORMATION					
21	4673.0	1.0	5.49	9.3	0.0	52.2	0.0	4.4	2.71	6.	Sd, gry grn, vf gr, 0% flu no cut
22	4674.0	1.6	0.09	6.8	0.0	64.8	0.0	2.4	2.70	9.	Sd, gry grn, vf gr, lam, 0% flu no cut
23	4675.0	1.6	0.35	9.2	0.0	53.3	0.0	4.3	2.69	8.	Sd, gry grn, vf gr, lam, 0% flu no cut
24	4676.0	1.8	15.6	13.2	0.0	49.0	0.0	6.7	2.69	8.	Sd, gry grn, vf gr, 0% flu no cut

LITHOLOGICAL ABBREVIATIONS

Anhy, anhy	Anhydrite (-ic)
Ark, ark	arkos (-ic)
bnd	band (-ed)
brec	breccia
Calc, calc	calcite (-ic)
carb	carbonaceous
crs gr	course grained
Chk, chky	chalk (-y)
Cht, cht	chert (-y)
Cgl, cgl	conglomerate (-ic)
crs xln	coursely crystalline
dns	dense
Dol, dol	dolomite (-ic)
Frac	randomly oriented fractures
frac	slightly fractured
f gr	fine grained
foss	fossil (-iferous)
f xln	finely crystalline
Gil, gil	gilsonite
Glauc, clauc	glauconite (-itic)
Grt	granite
Gyp, gyp	gypsum (-iferous)
hor frac	perdominantly horizontally fractured
incl	inclusion (-ded)
intbd	interbedded
lam	lamina (-tions,-ated)
Lim, lim	limestone
med gr	medium grain
Mtrx	matrix
NA	interval not analyzed
Nod, nod	nodules (-ar)
Ool, ool	oolite (-itic)
Piso, piso	pisolite (-itic)
pp	pin-point (porosity)
Pyr, pyr	pyrite (-itized, itic)
Sd, sdy	sand (-y)
Shr	solid hydrocarbon residue
sli/	slightly
Sltstn, slty	siltstone, silty
styl	stylolite (-itic)
suc	sucrosic
Su, su	sulphur, sulphurous
TBFA	TOO BROKEN FOR ANALYSIS
Trip, trip	tripolitic
v/	very
vert frac	perdominantly vertically fractured
vug	vuggy
xbd	crossbedded
xln	medium crystalline
xtl	crystal

THE FIRST WORD IN THE DESCIPTION COLUMN OF THE CORE ANALYSIS REPORT DESCIBES THE ROCK TYPE. FOLLOWING ARE ROCK MODIFIERS IN DECREASING ABUNDANCE AND MISCELLANEOUS DESCRIPTIVE TERMS.