

50-005-63585

Sample Description Form

Operator FELK Oil Co

Well No. 1

Farm Oveready State

Serial No. County Chaves State N.M.

Location

Sec 6 - T10S-R-27E 660' FNL and 460' FWL

Kind of Samples

Described by

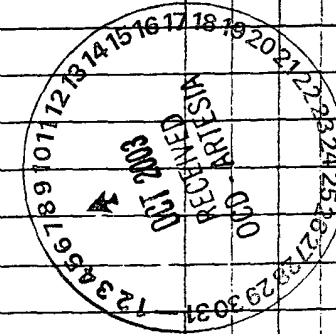
TK

Date

Elevation KB 3940

Page 1

Depth	Sandstones			Shales				Limestones			Dolomite			Chert	Any. S Gyp	Salt Ptd. Any.	Porosity		Stain		Fluor.		Rock	Drill Time	Remarks
	%	Color	Texture & Acc. Mat.	bk	g	r	gr	%	Color	Texture & Acc. Mat.	%	Color	Texture & Acc. Mat.	%	Col	%	Col	%	Gr	%	Gr	%	Gr		
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20	30	"				70																			
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300	10																								
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60	90																								



90 W/P

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10 "

Serial No. _____
County Chaves State N.M.

Location

Sec. 6 - T105-R27E

660' FNL and 660' FWL

Kind of Samples

Described by

TK

Date _____

Elevation

KB. 394D

Page

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Depth	Sandstones			Shales				Limestones			Dolomite			Chert	Anhydrite & Gypsum		Salt Pld. Any	Porosity		Stain		Fluor.		Rock	Drill Time	Remarks
	%	Color	Texture & Acc. Mat.	bk	g	r	gr	Remarks	%	Color	Texture & Acc. Mat.	%	Color		Texture & Acc. Mat.	%		Col.	%	Gr.	%	Gr.	%			
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20																	20	"	80							
30																	20	"	80							
																	40	"	60							

Location

Sec. 6-T10S-R27E 660' FNL and 660' FWL

Kind of Samples

Described by

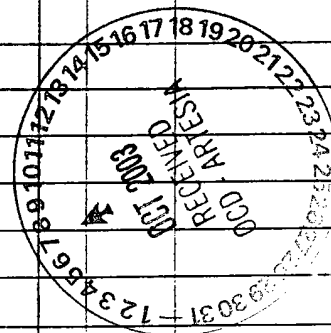
Date

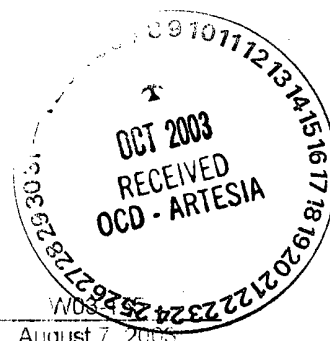
Elevation

Page

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Depth	Sandstones			Shales				Limestones			Dolomite			Chert	Any. & Gyp	Salt Pld.	Porosity	Stain	Fluor.	Rock	Drill Time	Remarks
	%	Color	Texture & Acc. Mat.	bk	g	r	gr	%	Color	Texture & Acc. Mat.	%	Color	Texture & Acc. Mat.	%	Col	%	Gr	%	Gr	%	Gr	
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900	20														80	"	20					
															70	"	30					



HALLIBURTONPERMAIN BASIN OPERATIONS LABORATORY
WATER ANALYSIS REPORT
HOBES, NEW MEXICO

COMPANY Elk Oil
Rocky Ray
Box 206
Tatum, NM 88267
Fax Joe Kelly Roswell NM: 1-505-623-5001

REPORT W08
 DATE August 7, 2003
 DISTRICT Hobbs

SUBMITTED BY Rocky Ray

WELL Cvereasy State 1 DEPTH _____ FORMATION _____
 COUNTY _____ FIELD _____ SOURCE _____

SAMPLE	#1 (0 feet)	#2 (250 feet)	#3 (500 feet)	#4 (750 feet)	#5 (947 feet)
Sample Temp.	68.3 °F	68.4 °F	68.3 °F	68.9 °F	66.3
RESISTIVITY	2.08	0.91	0.773	0.073	0.074
SPECIFIC GR	1.002	1.005	1.003	1.104	1.114
pH	7.77	7.35	7.52	7.35	7.46
CALCIUM	750 mpl	1,200 mpl	1,050 mpl	2,150 mpl	1,700
MAGNESIUM	540 mpl	660 mpl	750 mpl	1,410 mpl	1,620
CHLORIDE	1,094 mpl	3,780 mpl	3,930 mpl	88,650 mpl	99,900
SULFATES	2,871 mpl	5,253 mpl	6,414 mpl	13,162 mpl	13,162
BICARBONATES	214 mpl	305 mpl	153 mpl	214 mpl	305
SOLUBLE IRON	0 mpl	0 mpl	0 mpl	0 mpl	0
KCL					
Sodium	232 mpl	2455 mpl	3072 mpl	58743 mpl	66193
TDS	5,751 mpl	13,653 mpl	15,399 mpl	164,329 mpl	182,880
OIL GRAVITY	@ °F	@ °F	@ °F	@ °F	@

REMARKS

MPL = Milligrams per liter

Resistivity measured in: Ohm/m2/m

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ANALYST: Jonathon Thornton