

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies 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 and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised June 10, 2003 WELL API NO. 30-015-34004 5. Indicate Type of Lease STATE ☒ FEE ☐ State Oil & Gas Lease No.
WELL COMPLETION OR RECOMPLETION REPORT AND LOG		
1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____ b. Type of Completion: NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. ☐ WELL OVER BACK RESVR. ☐ OTHER _____		7. Lease Name or Unit Agreement Name RED LAKE 36 C STATE
2. Name of Operator EDGE PETROLEUM OPER. CO., INC.		8. Well No. 2
3. Address of Operator 1301 TRAVIS, SUITE 2000 HOUSTON, TX 77002		9. Pool name or Wildcat RED LAKE; GLORIETTA-YESO, NORTHEAST
4. Well Location Unit Letter <u>C</u> : <u>440</u> Feet From The <u>NORTH</u> Line and <u>1700</u> Feet From The <u>WEST</u> Line Section <u>36</u> Township <u>17S</u> Range <u>27E</u> NMPM <u>EDDY</u> County		
10. Date Spudded 3-24-05	11. Date T.D. Reached 4-13-05	12. Date Compl. (Ready to Prod.) 5-2-05
13. Elevations (DF& RKB, RT, GR, etc.) 3611' GR		
14. Elev. Casinghead		
15. Total Depth 3650'	16. Plug Back T.D. 3585'	17. If Multiple Compl. How Many Zones?
18. Intervals Drilled By	Rotary Tools XXX	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 3196-3467' YESO		20. Was Directional Survey Made NO
21. Type Electric and Other Logs Run SPECTRAL DENSITY DUAL-SPACED NEUTRON, DUAL LATEROLOG MICRO-GUARD		22. Was Well Cored YES
23. CASING RECORD (Report all strings set in well)		
CASING SIZE	WEIGHT LB./FT.	DEPTH SET
8 5/8"	24#	423'
5 1/2"	15.5#	3641'
24. LINER RECORD		25. TUBING RECORD
SIZE	TOP	BOTTOM
26. Perforation record (interval, size, and number) 19gr, 24" TTP, 0.43 EHD, 1 SPF: 3196, 3201-3205, 3257-3266, 3270-3274, 3281, 3284-3293, 3298-3300, 3331-3334, 3365-3368, 3395-3398, 3400-3402, 3465-3467'		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED
3196-3467'		35000 gal 20% heated acid
3196-3467'		40000 gal WF140
3196-3467'		3000 gal 15% cool down acid
28. PRODUCTION		
Date First Production 5-2-05		Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING
Well Status (Prod. or Shut-in) PRODUCING		
Date of Test 5-29-05	Hours Tested 24	Choke Size 64/64
Prod'n For Test Period	Oil - Bbl 69.93	Gas - MCF 114
Water - Bbl. 300	Gas - Oil Ratio 1630	
Flow Tubing Press. 30	Casing Pressure 30	Calculated 24-Hour Rate
Oil - Bbl. 69.93	Gas - MCF 114	Water - Bbl. 300
Oil Gravity - API - (Corr.) 40.5		
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD		Test Witnessed By
30. List Attachments C-104, Deviation report, logs, sidewall core analysis		
31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief		
Signature <i>Amanda Simmons</i>		Printed Name AMANDA SIMMONS
E-mail Address		Title PRODUCTION ASST.
		Date 6-2-05

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 950	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 1380	T. Montoya	T. Mancos	T. McCracken
T. San Andres 1716	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 3076	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo	T. YESO 3157	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

WELL NAME AND NUMBER Red Lake 36C State No. 2
LOCATION NW corner of NE corner of NW corner, Sec. 36, T17S, R27E Eddy Co. NM
OPERATOR Edge Petroleum Operating Company, Inc.
DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>3/4° 1031'</u>	<u> </u>	<u> </u>
<u>3/4° 1499'</u>	<u> </u>	<u> </u>
<u>1/2° 2033'</u>	<u> </u>	<u> </u>
<u>3/4° 2535'</u>	<u> </u>	<u> </u>
<u>1/2° 3039'</u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

Drilling Contractor United Drilling, Inc.
By: George A. Aho
Title: Business Manager

Subscribed and sworn to before me this 15th day of April,
2005

Carlene M. Miller
Notary Public

My Commission Expires: 10-08-08
Chaves New Mexico
County State

Drilled Sidewall Core Analysis Report

Company : Edge Petroleum Op. Co., Inc.
File No. : 05361
Well : Red Lake 36 "C" State No. 2
Location : 440' FNL & 1700' FWL, Sec 36, T17S, R27E

Field: Red Lake
Formation:
County : Eddy County, New Mexico

Sample Number	Depth	Air Permeability	Klinkenberg Permeability	Porosity	Grain Density	Sw	So	Gas Units	Fluorescence	Sample Description
	ft	mD	mD	%	g/cc	%	%		%	Description

Confining Pressure 500psi

1	2,062.0	0.0094	0.0041	3.02	2.75	68.6	5.6	200	10	Brt yI sp
2	2,096.5	tbfa	tbfa	11.98	2.72	47.3	11.9	500+	30	DI yI-lam
3	2,122.0	98.4 (frac)	90.3 (frac)	7.03	2.77	44.7	14.1	500+	50	DI yI sp
4	2,223.0	0.6715	0.5596	6.70	2.88	38.9	18.3	500+	90	YI-brt yI sp
5	2,251.0	0.1929	0.1453	7.02	2.85	35.5	17.9	500+	90	Brt yI-wht sp
6	2,274.0	0.0451	0.0278	6.36	2.77	63.1	0.0	33	0	
7	2,318.0	0.1314	0.0930	10.07	2.82	47.7	13.9	500+	40	Brt yI-yI sp
8	2,339.5	0.0133	0.0065	3.09	2.81	65.2	0.0	32	0	
9	2,376.5	0.1622	0.1196	6.58	2.84	40.1	15.6	500+	70	Brt yI sp
10	2,471.0	0.0746	0.0498	4.51	2.82	54.2	7.0	119	10	Brt gld sp
11	2,626.0	0.2044	0.1560	1.53	2.83	47.8	12.3	236	30	YI-gld sp
12	2,659.0	0.0227	0.0122	6.24	2.84	65.3	0.0	56	tr	Brt yI
13	2,795.0	0.4447	0.3533	8.57	2.84	41.9	14.8	500+	50	Brt yI sp
14	2,831.0	2.35	2.04	7.66	2.83	45.8	16.5	500+	80	Brt yI sp
15	2,908.0	0.0622	0.0409	4.28	2.86	63.4	0.0	8	0	V dl gld mf
16	3,201.0	7.39	6.80	13.60	2.84	40.2	16.3	500+	80	Brt gld sp
17	3,238.0	54.7	52.9	13.82	2.82	61.7	0.0	140	tr	Brt yI
18	3,262.0	0.1462	0.1045	11.48	2.69	34.7	19.4	500+	100	DI yI
19	3,271.0	0.1389	0.0985	11.47	2.70	36.8	18.8	500+	100	DI yI
20	3,286.0	0.1827	0.1349	11.24	2.69	39.6	19.8	500+	100	DI yI

RECEIVED
 JUN 10 2005
 GOD-ARTESIA

Drilled Sidewall Core Analysis Report

Company : Edge Petroleum Op. Co., Inc.
File No. : 05361
Well : Red Lake 36 "C" State No. 2
Location : 440' FNL & 1700' FWL, Sec 36, T17S, R27E

Field: Red Lake
Formation:
County : Eddy County, New Mexico

Sample Number	Depth	Air Permeability	Klinkenberg Permeability	Porosity	Grain Density	Sw	So	Gas Units	Fluorescence	Sample Description
	ft	mD	mD	%	g/cc	%	%		%	Description

Confining Pressure 500psi

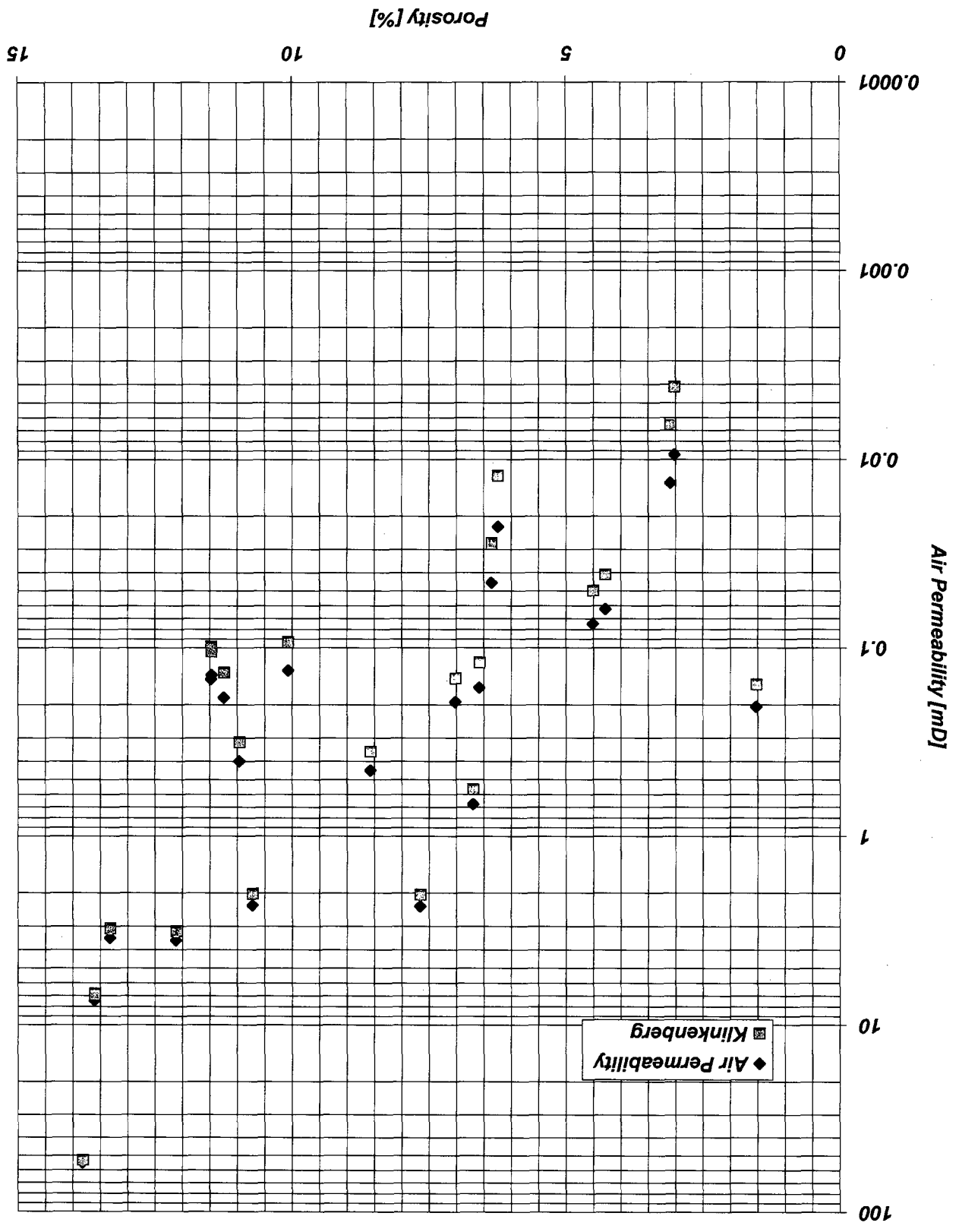
21	3,333.0	0.3972	0.3144	10.96	2.82	33.8	17.3	500+	90	Bit yf
22	3,366.0	3.56	3.18	12.12	2.82	32.5	21.4	500+	100	Bit yf-yf
23	3,396.0	3.45	3.08	13.32	2.83	35.6	18.5	500+	100	Bit yf
24	3,466.0	2.32	2.02	10.72	2.84	41.1	17.8	500+	90	Bit yf-yf

Note: 500+ gas reading represents a saturated detector filament

1% CH4 in air = 100 gas units

Note: TBFA indicates samples that are too broken for analysis

Permeability versus Porosity @ 500psi Confining Pressure

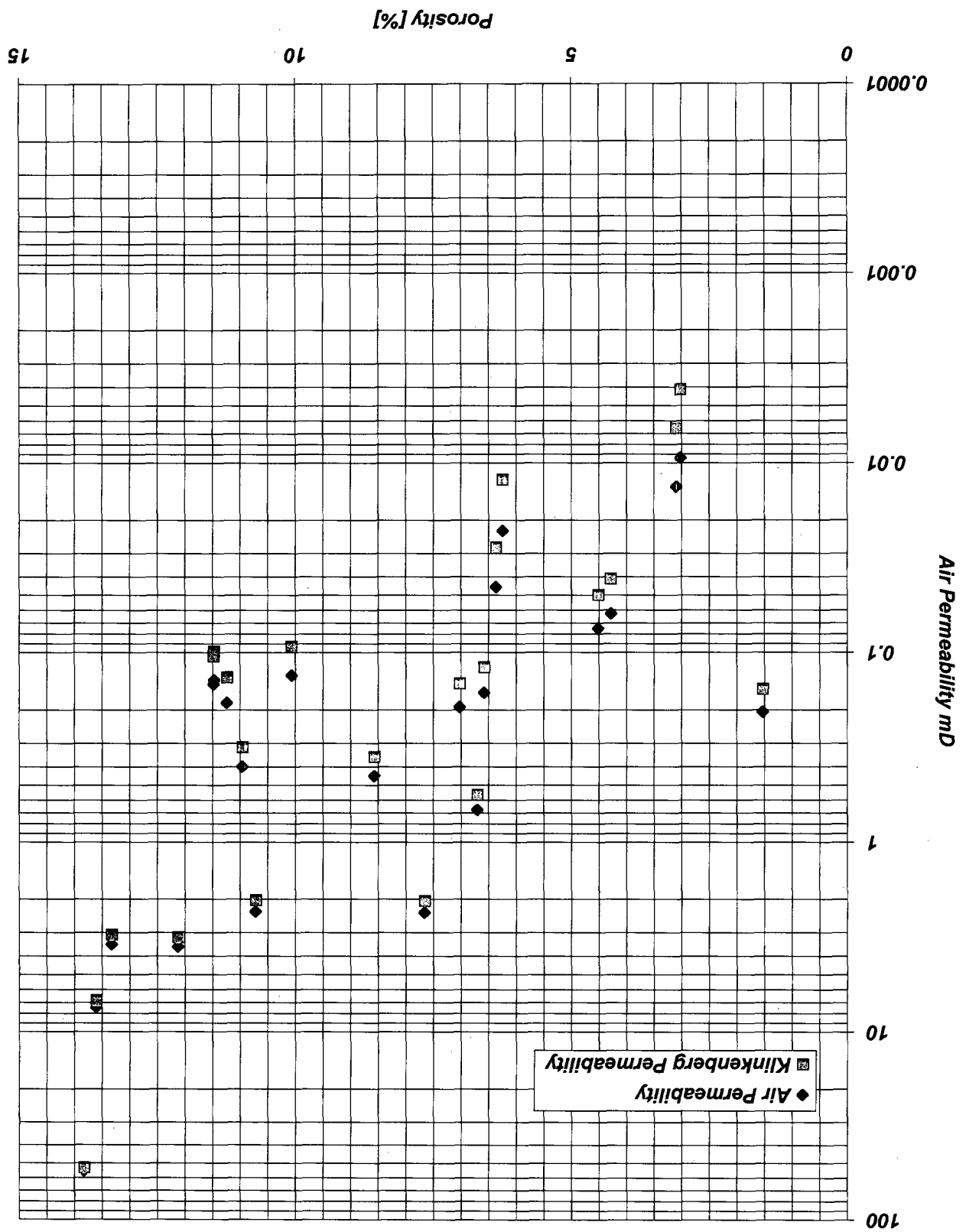


Drilled Sidewall Core Analysis Report

Field: *Red Lake*
Formation:
County : *Eddy County, New Mexico*

Sample Number	Depth	Grain Density	Porosity	Air Perm	Kk Perm	Porosity	Air Perm	Kk Perm	Porosity	Air Perm	Kk Perm
	ft	g/cc	%	mD	mD	%	mD	mD	%	mD	mD
			Confining Pressure 500psi						Confining Pressure 800psi		
21	3,333.0	2.82	10.96	0.3972	0.3144				10.53	0.3754	0.2962
22	3,366.0	2.82	12.12	3.56	3.18				11.79	3.54	3.17
23	3,396.0	2.83	13.32	3.45	3.08				12.86	3.41	3.05
24	3,466.0	2.84	10.72	2.32	2.02				10.21	2.25	1.96

Permeability versus Porosity @ 500psi



Permeability versus Porosity @ Confining Pressure

