

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. 30-015-33579
		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 29 I STATE
2. Name of Operator EDGE PETROLEUM OPER. CO., INC.		8. Well No. 1
3. Address of Operator 1301 TRAVIS, SUITE 2000 HOUSTON, TEXAS 77002		9. Pool name or Wildcat ARTESIA; GLORIETTA-YESO
4. Well Location Unit Letter <u>I</u> : <u>1650</u> Feet From The <u>SOUTH</u> Line and <u>990</u> Feet From The <u>EAST</u> Line Section <u>29</u> Township <u>17-S</u> Range <u>28-E</u> NMPM <u>EDDY</u> County		
10. Date Spudded 10-05-04	11. Date T.D. Reached 10-20-04	12. Date Compl. (Ready to Prod.) 3-3-05
13. Elevations (DF& RKB, RT, GR, etc.) 3678' GR		14. Elev. Casinghead
15. Total Depth 3800'	16. Plug Back T.D. 3750'	17. If Multiple Compl. How Many Zones?
18. Intervals Drilled By		19. Rotary Tools XXX
19. Producing Interval(s), of this completion - Top, Bottom, Name 3423'-3600' YESO		20. Was Directional Survey Made NO
21. Type Electric and Other Logs Run CBL, DUAL LATEROLOG, GAMMA RAY DUAL-SPACED NEUTRON SPECTRAL DENSITY		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#	528'
5 1/2"	20#	3800'
24. LINER RECORD		25. TUBING RECORD
SIZE	TOP	BOTTOM
26. Perforation record (interval, size, and number) 0.46" EHD, 1 SPF: 3423-26, 3429, 3432, 3463-65, 3468-70, 3485, 3490, 3501, 3508-14, 3527-30, 3543, 3555-57, 3563-72, 3575-77, 3582, 3585-87, 3591-96, 3598-3600'		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED
3423-3600'		35000 gals 15% HCl acid
		52000 gals WF130
		3000 gals 15% acid
28. PRODUCTION		
Date First Production 3-3-05		Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING
		Well Status (Prod. or Shut-in) PRODUCING
Date of Test 3-25-05	Hours Tested 24	Choke Size 64/64
Prod'n For Test Period	Oil - Bbl 45.09	Gas - MCF 52
Water - Bbl. 448	Gas - Oil Ratio 1156	
Flow Tubing Press. 25	Casing Pressure 25	Calculated 24-Hour Rate
Oil - Bbl. 45.09	Gas - MCF 52	Water - Bbl. 448
Oil Gravity - API - (Corr.) 39.0		
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD		Test Witnessed By
30. List Attachments C-104, 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 		Printed Name JIM KEISLING Title VP PRODUCTION Date 4-5-05
E-mail Address jkeisling@edgepet.com		

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 587	T. Devonian	T. Menefee	T. Madison
T. Queen 1200	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 1630	T. Montoya	T. Mancos	T. McCracken
T. San Andres 1920	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 3300	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinbry	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 3400	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 29I State No. 1LOCATION 1650' FSL & 990' FEL, Section 29, T17S, R28E, Eddy Co. NMOPERATOR 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° 535'</u>	<u> </u>	<u> </u>
<u>3/4° 1000'</u>	<u> </u>	<u> </u>
<u>1/2° 1502'</u>	<u> </u>	<u> </u>
<u>1/2° 2003'</u>	<u> </u>	<u> </u>
<u>1/2° 2505'</u>	<u> </u>	<u> </u>
<u>3/4° 3539'</u>	<u> </u>	<u> </u>
<u>1° 3800'</u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

Drilling Contractor United Drilling, Inc.By: George A. Aho

George A. Aho

Title: Business Manager

Subscribed and sworn to before me this 22nd day of October,
2004

Carlne Martin
 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. : 04292
Well : Red Lake 29 I State No. 1
Location : 1650' FSL & 990' FEL, Sec 29, T17S, R28E

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

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

Confining Pressure 500psi

1	1,442.0	0.3842	0.3068	11.35	2.69	44.1	21.3	356	100	DI gld-orig
2	1,683.0	0.0816	0.0535	7.90	2.64	77.1	0.0	7	tr	DI gld
3	1,791.0	0.0139	0.0066	4.25	2.76	76.6	0.0	6	0	
4	1,843.0	0.0609	0.0382	7.10	2.73	40.5	20.5	500+	100	Gld-orig
5	1,886.0	7.05	6.47	15.02	2.66	48.0	22.6	352	100	YI
6	1,910.0	0.0006	0.0001	1.30	2.69	78.9	0.0	8	0	
7	1,970.0	0.1252	0.0893	7.30	2.67	49.4	17.8	213	80	Br gld-gld
8	2,085.0	0.0200	0.0104	4.98	2.84	43.8	20.2	500+	100	YI sp
9	2,368.0	0.0520	0.0327	5.87	2.83	64.8	0.0	415	0	
10	2,424.0	0.0486	0.0297	9.55	2.71	49.4	12.9	294	40	DI gld sp
11	2,493.0	25.51(frac)	24.26(frac)	16.68	2.83	40.1	21.5	500+	100	Br gld
12	2,527.0	0.8633	0.7282	6.88	2.82	46.7	17.2	500+	80	Gld-brt gld sp
13	2,666.0	0.3306	0.2568	8.84	2.83	55.5	13.5	169	40	Br gld sp
14	2,701.0	4.21	3.79	18.96	2.66	48.5	16.6	457	70	Br gld sp
15	2,878.5	0.1719	0.1267	6.29	2.77	46.3	14.6	500+	50	Gld-dl gld sp
16	2,879.0	tbfa	tbfa	3.41	2.83	64.7	10.8	130	30	Gld-dl gld sp
17	3,083.0	1.25	1.06	11.60	2.82	73.3	0.0	14	0	
18	3,183.0	1.48	1.26	10.87	2.84	63.0	9.3	20	20	DI gld sp
19	3,267.0	47.64	45.91	11.17	2.80	45.8	16.9	500+	80	DI gld-gld sp
20	3,285.0	11.12	10.48	19.06	2.79	69.1	0.0	18	tr	DI gld

RECEIVED
 APR 11 2005
 LABORATORY

Drilled Sidewall Core Analysis Report

Company : Edge Petroleum Op. Co., Inc.
File No. : 04292
Well : Red Lake 29 / State No. 1
Location : 1650' FSL & 990' FEL, Sec 29, T17S, R28E

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

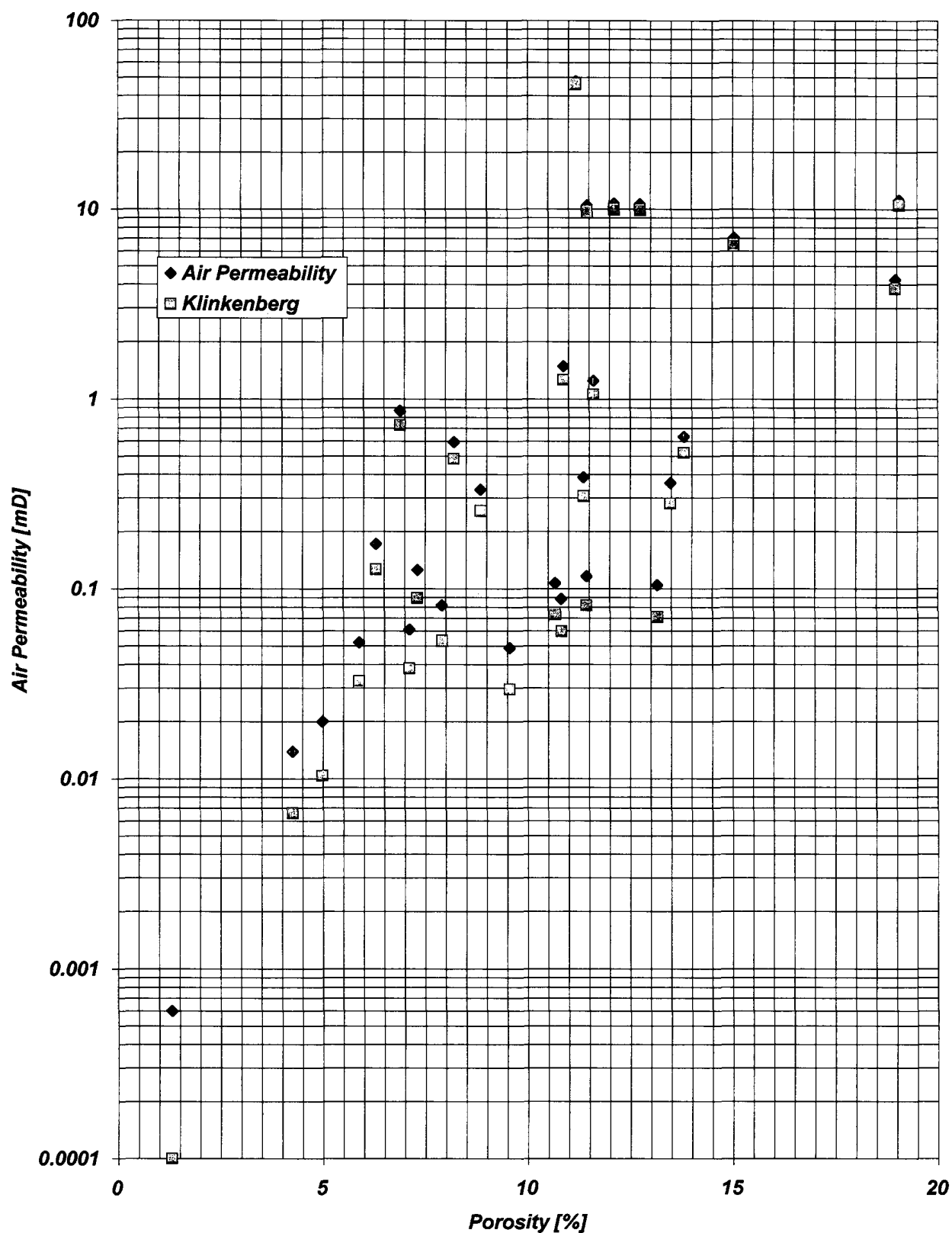
Sample Number	Depth ft	Air Permeability mD	Klinkenberg Permeability mD	Porosity %	Grain Density g/cc	Sw %	So %	Gas Units	Fluorescence %	Description	Sample Description
21	3,327.0	0.6319	0.5209	13.80	2.67	74.5	0.0	14	0		
22	3,396.0	0.1068	0.0735	10.66	2.72	43.7	19.8	432	100	V dl gld	
23	3,411.0	0.0882	0.0597	10.81	2.72	69.2	0.0	44	0	DI gld mlf	
24	3,425.0	0.1041	0.0712	13.15	2.76	41.0	20.1	500+	100	Gld	
25	3,469.0	10.68	9.95	12.11	2.85	49.2	16.4	500+	100	Gld	
26	3,509.0	0.3597	0.2811	13.47	2.71	41.6	22.0	410	100	V dl gld	
27	3,530.0	0.1157	0.0819	11.43	2.80	47.2	19.7	500+	100	V dl gld	
28	3,571.0	10.41	9.69	11.45	2.84	38.9	20.3	500+	100	Gld-dl gld sp	
29	3,594.0	10.60	9.87	12.74	2.85	40.1	21.2	500+	100	Gld-dl gld sp	
30	3,708.0	0.5912	0.4840	8.19	2.86	47.3	17.6	500+	80	Gld-dl gld sp	

Note: 500+ gas reading represents a saturated detector filament

1% CH4 in air = 100 gas units

Note: Analysis for samples with an asterisk was performed at ambient conditions

Permeability versus Porosity @ 500psi Confining Pressure



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Formation:
County : Eddy County, New Mexico

Sample Number	Depth ft	Grain Density g/cc	Porosity %	Air Perm mD	Kk Perm mD	Porosity %	Air Perm mD	Kk Perm mD	Porosity %	Air Perm mD	Kk Perm mD
Confining Pressure 500psi											
1	1,442.0	2.69	11.35	0.3842	0.3068	10.91	0.3637	0.2887			
2	1,683.0	2.64	7.90	0.0816	0.0535	7.57	0.0715	0.0458			
3	1,791.0	2.76	4.25	0.0139	0.0066	4.11	0.0121	0.0055			
4	1,843.0	2.73	7.10	0.0609	0.0382	6.88	0.0547	0.0334			
5	1,886.0	2.66	15.02	7.05	6.47	14.53	6.74	6.17			
6	1,910.0	2.69	1.30	0.0006	0.0001	1.25	0.0004	0.0001			
7	1,970.0	2.67	7.30	0.1252	0.0893	7.08	0.0941	0.0643			
8	2,085.0	2.84	4.98	0.0200	0.0104	4.83	0.0163	0.0080			
9	2,368.0	2.83	5.87	0.0520	0.0327	5.55	0.0460	0.0282			
10	2,424.0	2.71	9.55	0.0486	0.0297	9.41	0.04	0.03			
11	2,493.0	2.83	16.68	25.51(frac)	24.26(frac)	16.25	23.42(frac)	22.22(frac)			
12	2,527.0	2.82	6.88	0.8633	0.7282	6.76	0.8487	0.7153			
13	2,666.0	2.83	8.84	0.3306	0.2568				8.38	0.2759	0.2126
14	2,701.0	2.66	18.96	4.21	3.79				17.91	3.93	3.52
15	2,878.5	2.77	6.29	0.1719	0.1267				5.98	0.1484	0.1083
16	2,879.0	2.83	tbfa	tbfa	tbfa				tbfa	tbfa	tbfa
17	3,083.0	2.82	11.60	1.25	1.06				11.08	1.11	0.94
18	3,183.0	2.84	10.87	1.48	1.26				10.58	1.34	1.15
19	3,267.0	2.80	11.17	47.64	45.91				10.72	47.25	45.53
20	3,285.0	2.79	19.06	11.12	10.48				15.82	16.64	14.34

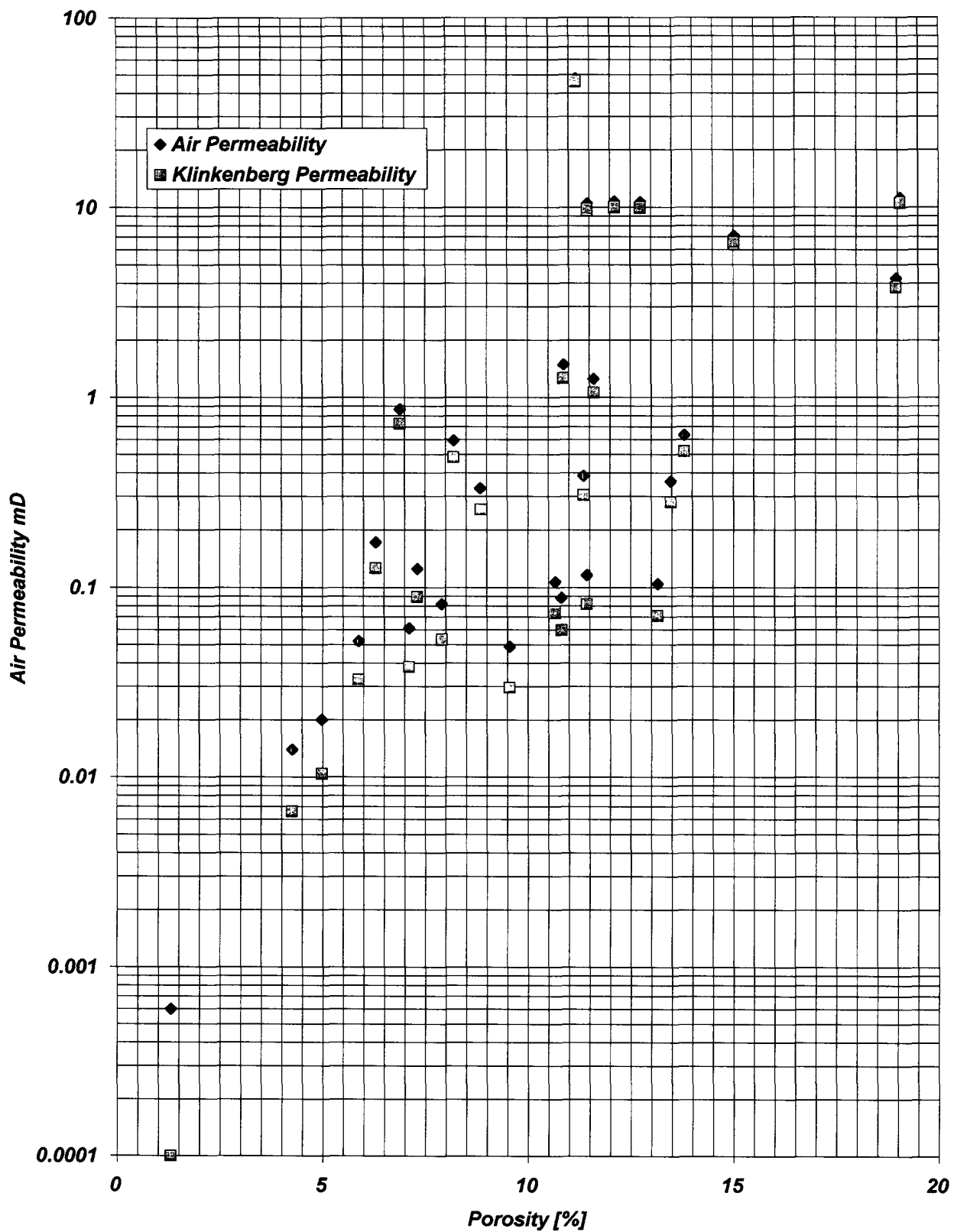
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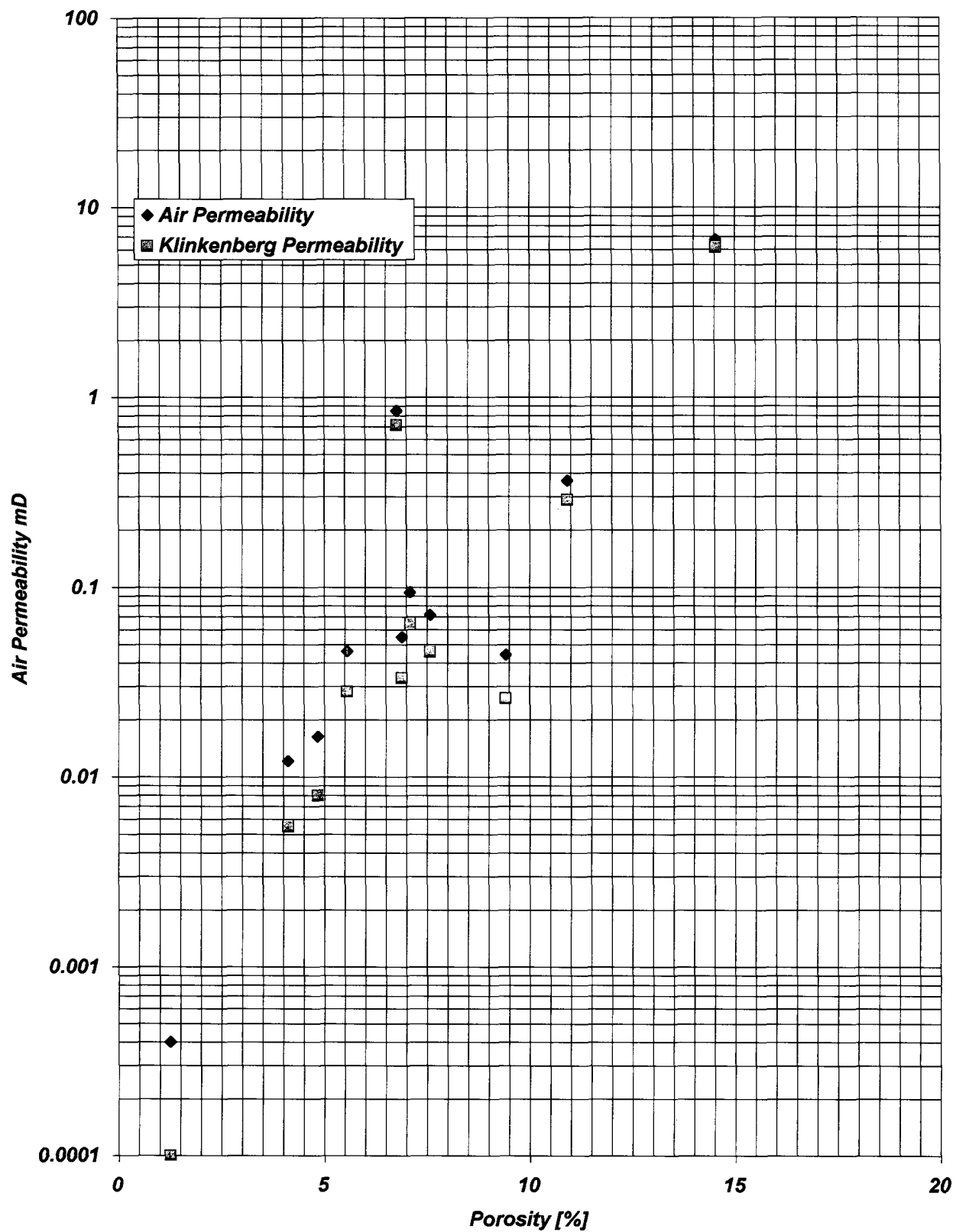
Field: Red Lake
Formation:
County : Eddy County, New Mexico

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											
21	3,327.0	2.67	13.80	0.6319	0.5209				13.22	0.3992	0.3129
22	3,396.0	2.72	10.66	0.1068	0.0735				10.08	0.0802	0.0520
23	3,411.0	2.72	10.81	0.0882	0.0597				10.16	0.0253	0.0134
24	3,425.0	2.76	13.15	0.1041	0.0712				12.50	0.0751	0.0489
25	3,469.0	2.85	12.11	10.68	9.95				11.52	10.13	9.42
26	3,509.0	2.71	13.47	0.3597	0.2811				12.98	0.2836	0.2189
27	3,530.0	2.80	11.43	0.1157	0.0819				10.73	0.0924	0.0627
28	3,571.0	2.84	11.45	10.41	9.69				10.92	10.24	9.52
29	3,594.0	2.85	12.74	10.60	9.87				12.31	10.58	9.86
30	3,708.0	2.86	8.19	0.5912	0.4840				7.75	0.5255	0.4289

Permeability versus Porosity @ 500psi



Permeability versus Porosity @ 650psi



Permeability versus Porosity @ 1,050psi

