

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. 30-015-33994 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 A RECEIVED
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>A</u> : <u>915</u> Feet From The <u>N</u> Line and <u>420</u> Feet From The <u>E</u> Line Section <u>36</u> Township <u>17S</u> Range <u>27E</u> NMPM EDDY County		
10. Date Spudded 3-24-05	11. Date T.D. Reached 4-1-05	12. Date Compl. (Ready to Prod.) 4-20-05
13. Elevations (DF& RKB, RT, GR, etc.) 3613 GR		14. Elev. Casinghead
15. Total Depth 3650'	16. Plug Back T.D. 3599'	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 3253-3477' YESO		20. Was Directional Survey Made NO
21. Type Electric and Other Logs Run CBL, CCL, DUAL LATEROLOG, SPECTRAL DENSITY DUAL SPACED NEUTRON		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#	411'
5 1/2"	15.5#	3650'
HOLE SIZE		CEMENTING RECORD
12 1/4"		200 sx C
7 7/8"		700 sx C
AMOUNT PULLED		NONE
NONE		NONE
24. LINER RECORD		
SIZE	TOP	BOTTOM
SACKS CEMENT	SCREEN	SIZE
2 7/8"	DEPTH SET	PACKER SET
3517'	3154'	
26. Perforation record (interval, size, and number) 19gr, 24" TTP, .43 EHD, 1 SPF: 3253, 3259, 3277-79, 3282, 3288-90, 3293, 3298, 3305-07, 3314, 3316, 3323, 3326, 3329, 3333-37, 3340-46, 3349-56, 3366-70, 3383, 3404-05, 3415-16, 3429, 3431, 3440, 3442, 3446-47, 3457, 3477		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 3253-3477' 3253-3477' 35000 gal heated 20% HCl
28. PRODUCTION		
Date First Production 4-23-05		Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING
Well Status (Prod. or Shut-in) PRODUCING		
Date of Test 4-27-05	Hours Tested 24	Choke Size 64/64
Prod'n For Test Period	Oil - Bbl 53.34	Gas - MCF 35
Water - Bbl. 477	Gas - Oil Ratio 656	
Flow Tubing Press. 30	Casing Pressure 30	Calculated 24-Hour Rate
Oil - Bbl. 53.34	Gas - MCF 35	Water - Bbl. 477
Oil Gravity - API - (Corr.) 39.6		
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD		Test Witnessed By
30. List Attachments C-104, Sidewall core analysis, logs, deviation report		
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
E-mail Address		Date 5-24-05

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 470	T. Devonian	T. Menefee	T. Madison
T. Queen 1004	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 1450	T. Montoya	T. Mancos	T. McCracken
T. San Andres 1750	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 3138	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 3231	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

Drilled Sidewall Core Analysis Report

Company : Edge Petroleum Operating, Inc.
 File No. : 05354
 Well : Red Lake 36 "A" State No. 2
 Location : 915' FNL & 420' FEL, Sec. 36, T17S, R27E

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

RECEIVED
 MAY 27 2005
 SCAL, INC.

Sample Number	Depth ft	Air Permeability mD	Klinkenberg Permeability mD	Porosity %	Grain Density g/cc	Sw %	So %	Gas Units	Fluorescence %	Description	Sample Description
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Confining Pressure 500psi

1	1,258.5	0.3928	0.3137	9.67	2.69	49.0	17.1	386	85	DI gld	
2	1,285.0	0.6000	0.4911	11.02	2.69	68.1	4.6	113	20	V dl gld lam	
3	1,301.0	0.5867	0.4795	10.54	2.75	46.4	14.2	224	60	Gld-yl	
4	1,659.0	0.0132	0.0063	6.18	2.79	78.1	0.0	10	0		
5	1,727.0	0.1451	0.1032	12.91	2.70	82.3	0.0	6	0		
6	1,749.0	0.0396	0.0235	9.64	2.66	68.8	0.0	8	0		
7	2,075.0	2.64	2.31	12.73	2.82	61.5	tr	136	10	Yl sp	
8	2,173.5	0.0382	0.0224	10.55	2.85	42.0	21.3	500+	100	Brt Yl	
9	2,290.0	1.57	1.33	10.08	2.84	45.6	14.9	500+	70	Brt Yl-dl Yl-brn	
10	2,318.5	44.4	42.7	14.34	2.83	40.8	15.5	334	90	V dl Yl-brn	
11	2,350.0	0.1424	0.1028	10.70	2.76	67.9	0.0	21	0		
12	2,394.0	0.0530	0.0336	5.43	2.88	70.0	0.0	42	tr	Brt Yl	
13	2,459.0	3.46	3.09	13.49	2.83	43.1	14.8	500+	60	Yl sp	
14	2,624.0	83.0	80.7	15.40	2.82	41.3	15.2	455	75	V dl gld	
15	2,900.0	0.3343	0.2675	8.07	2.83	54.4	6.9	238	30	Brt Yl-grm sp	
16	2,937.0	0.5518	0.4528	9.32	2.82	78.4	0.0	17	0		
17	3,083.5	1.96	1.68	8.53	2.82	42.7	14.1	440	60	Brt-dl Yl-grm	
18	3,259.0	4.51	4.07	10.37	2.85	43.3	19.8	256	100	Brt-dl Yl	
19	3,278.0	8.19	7.57	10.89	2.84	37.9	19.2	500+	100	Brt-dl Yl	
20	3,306.0	47.6	45.9	15.81	2.84	38.7	20.2	500+	100	Yl-v dl Yl sp	

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Location : 915' FNL & 420' FEL, 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	Fluorescence	Sample Description
	ft	mD	mD	%	g/cc	%	%	Units	%	Description

Confining Pressure 500psi

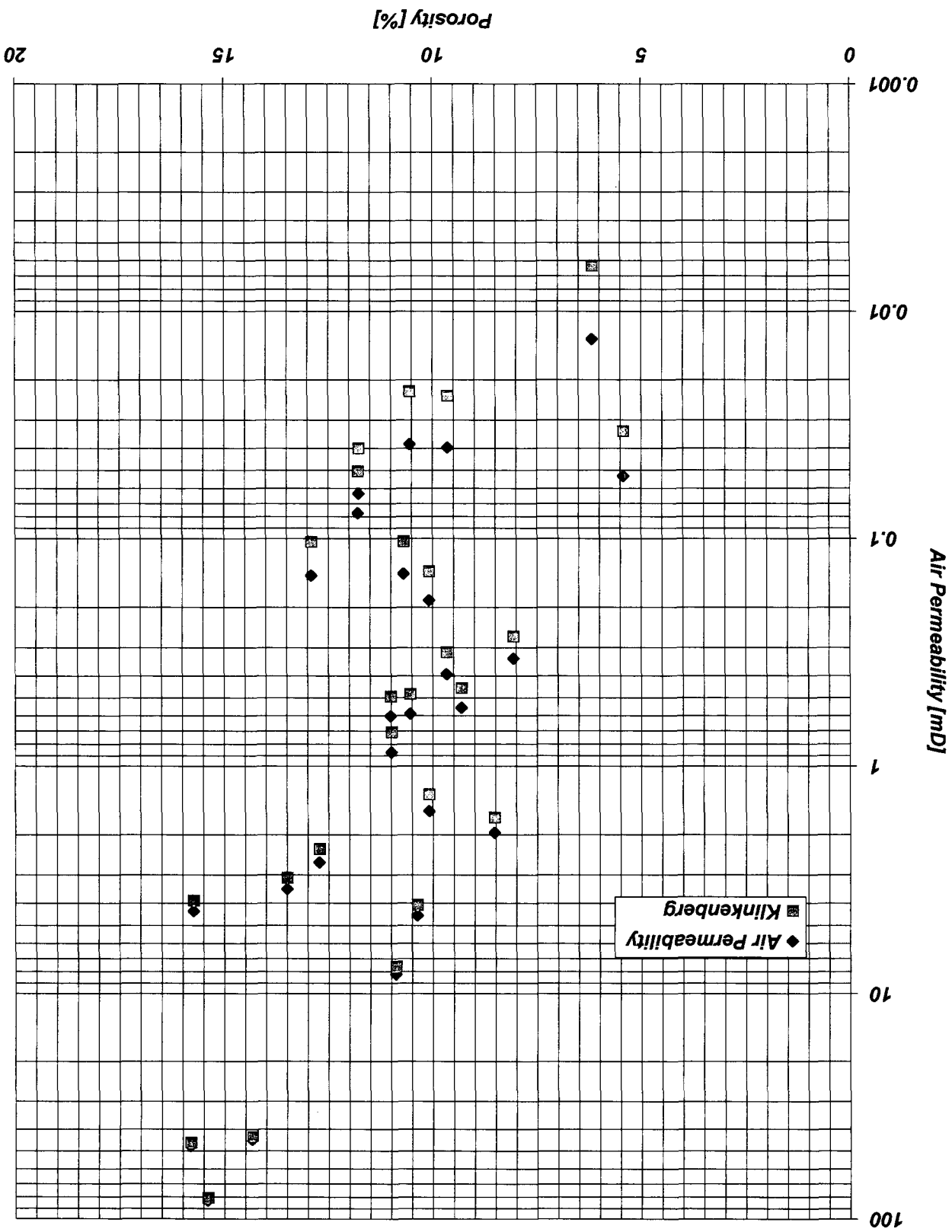
21	3,334.0	0.8681	0.7061	10.99	2.81	41.4	19.4	500+	100	Brt y ^l -v dl y ^l
22	3,342.5	0.0771	0.0505	11.79	2.72	39.6	23.6	192	100	DI y ^l
23	3,367.5	0.0632	0.0399	11.77	2.73	40.5	21.1	283	100	Brt y ^l -y ^l
24	3,415.5	4.32	3.89	15.73	2.82	66.9	0.0	500+	tr	Y ^l sp
25	3,446.5	0.1859	0.1392	10.09	2.83	40.3	18.4	500+	95	V dl y ^l -y ^l

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



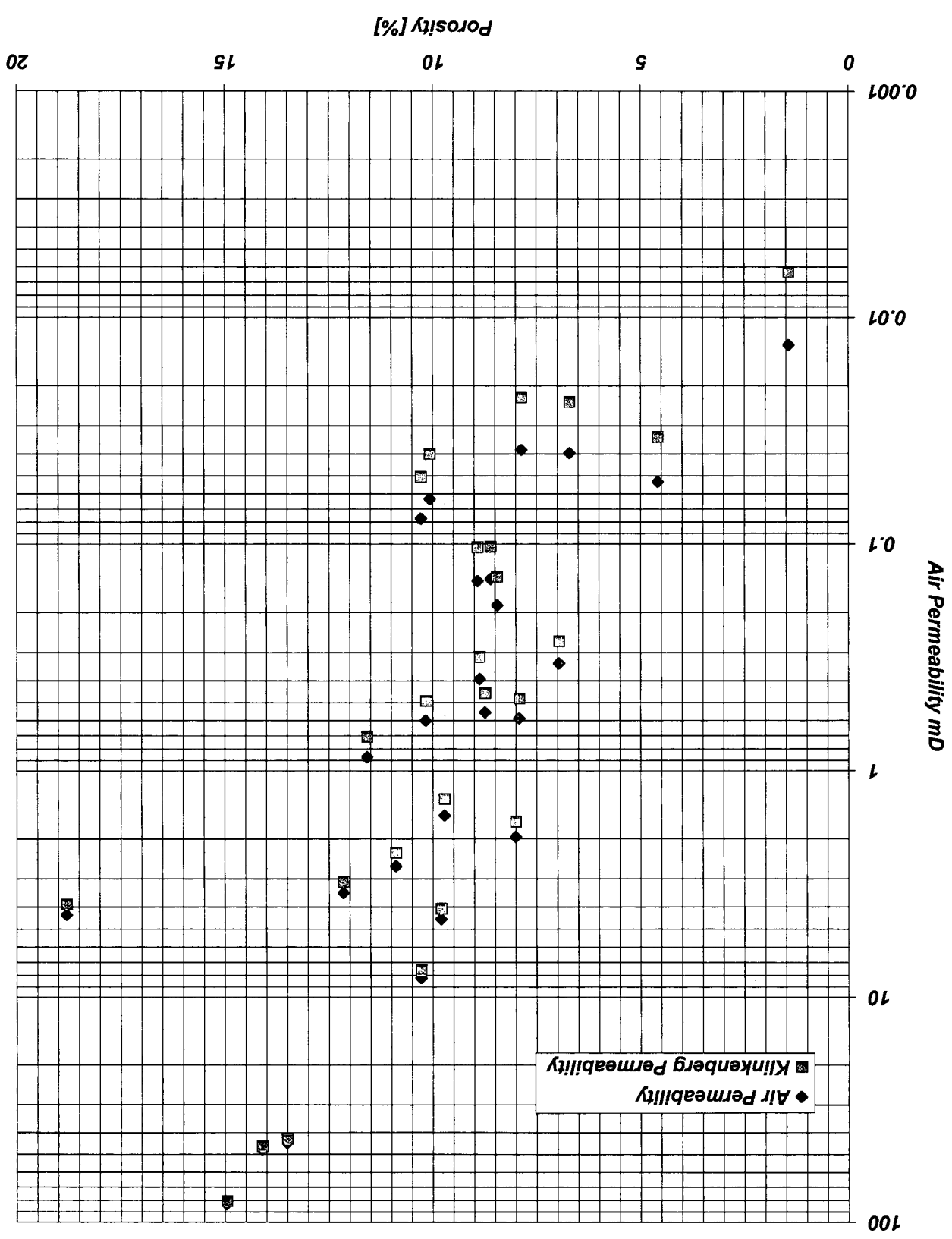
Drilled Sidewall Core Analysis Report

Company : Edge Petroleum Operating, Inc.
File No. : 05354
Well : Red Lake 36 A State No. 2
Location : 915' FNL & 420' FEL, Sec. 36, T17S, R27E

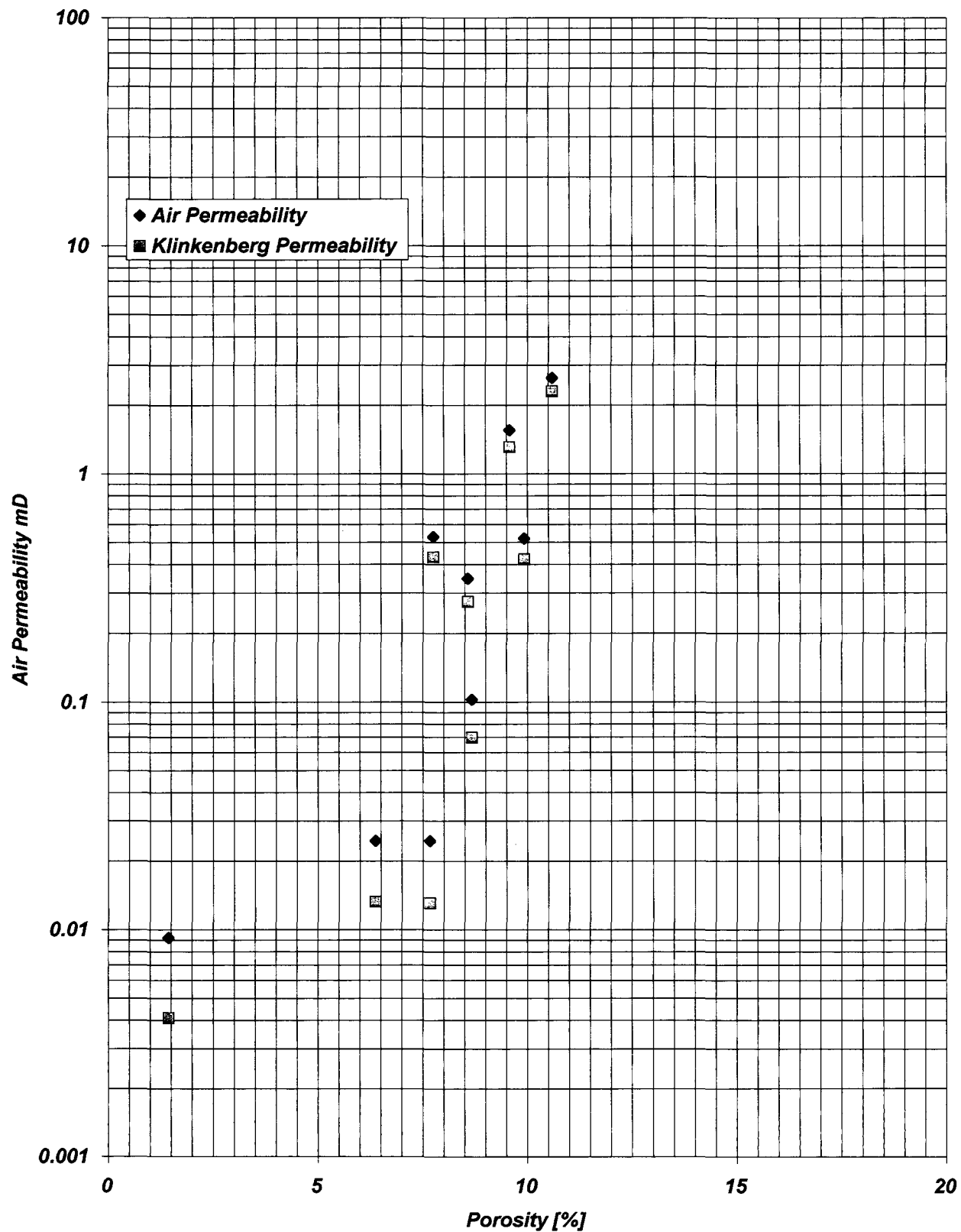
Field: Red Lake
Formation:
County : Eddy County, New Mexico

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	3,334.0	2.81	11.58	0.8681	0.7061						
22	3,342.5	2.72	10.28	0.0771	0.0505						
23	3,367.5	2.73	10.07	0.0632	0.0399						
24	3,415.5	2.82	18.80	4.32	3.89						
25	3,446.5	2.83	8.45	0.1859	0.1392						
Confining Pressure 600psi											
Confining Pressure 950psi											
21	3,334.0	2.81	11.58	0.8681	0.7061	10.60	0.8382	0.6815			
22	3,342.5	2.72	10.28	0.0771	0.0505	9.80	0.0614	0.0379			
23	3,367.5	2.73	10.07	0.0632	0.0399	9.41	0.0530	0.0318			
24	3,415.5	2.82	18.80	4.32	3.89	17.15	3.93	3.52			
25	3,446.5	2.83	8.45	0.1859	0.1392	7.77	0.1803	0.1350			

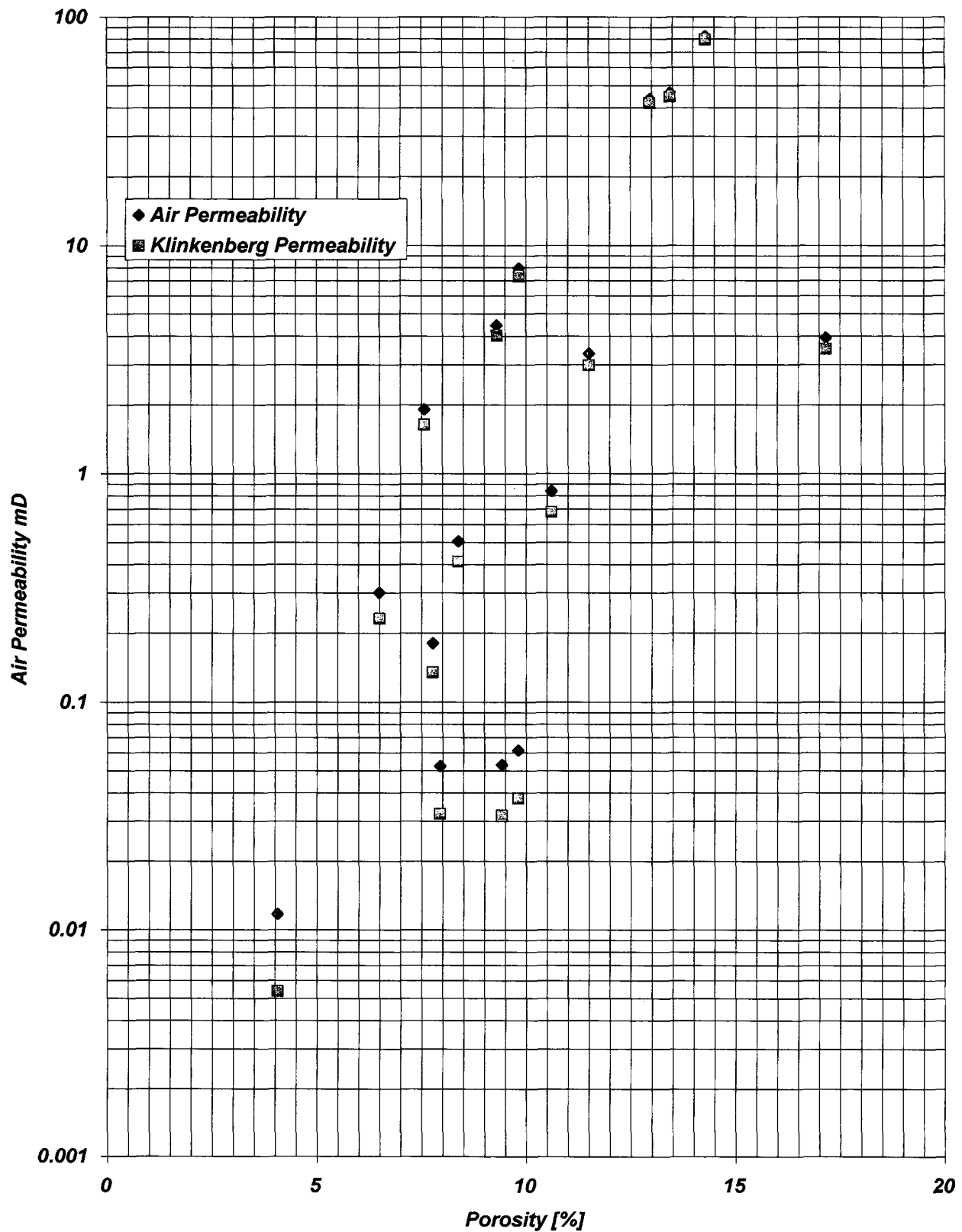
Permeability versus Porosity @ 500psi



Permeability versus Porosity @ 600psi



Permeability versus Porosity @ 950psi



WELL NAME AND NUMBER Red Lake 36A State No. 2

LOCATION 915' FNL & 420' FEL, Section 36, T17S, R27E, Lea County 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>1/2° 400'</u>	<u> </u>	<u> </u>
<u>1/2° 1032'</u>	<u> </u>	<u> </u>
<u>1/2° 1492'</u>	<u> </u>	<u> </u>
<u>3/4° 2025'</u>	<u> </u>	<u> </u>
<u>1/2° 2525'</u>	<u> </u>	<u> </u>
<u>3/4° 2925'</u>	<u> </u>	<u> </u>
<u>3/4° 3528'</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 6th day of April,
2008.

Carlene Martin
Notary Public

My Commission Expires: 10-08-08

Chaves New Mexico
County State

