

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. 30-015-35540
		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 28 N State JAN 14 2008 OCD-ARTESIA
2. Name of Operator Edge Petroleum Operating Company, Inc.		8. Well No. 4
3. Address of Operator 1301 Travis, Suite 2000 Houston, TX 77002		9. Pool name or Wildcat Artesia; Glorieta-Yeso (O)
4. Well Location Unit Letter _N_: 990_ Feet From The _South_ Line and 2310_ Feet From The _West_ Line Section 28 Township 17S Range 28E NMPM Eddy County		
10. Date Spudded 5-28-2007	11. Date T.D. Reached 6-11-2007	12. Date Compl. (Ready to Prod.) 6-20-2007
		13. Elevations (DF& RKB, RT, GR, etc.) 3683' GL
		14. Elev. Casinghead
15. Total Depth 3950'	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?
		18. Intervals Drilled By Rotary Tools Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 3380'-3672' Yeso		20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run Dual Laterolog, Compensated Neutron		22. Was Well Cored No
23. CASING RECORD (Report all strings set in well)		
CASING SIZE	WEIGHT LB./FT.	DEPTH SET
8 5/8"	J-55.24#	532'
5 1/2"	J-55 15.5#	3950'
24. LINER RECORD		
SIZE	TOP	BOTTOM
25. TUBING RECORD		
SIZE	DEPTH SET	PACKER SET
2 7/8"	3713"	
26. Perforation record (interval, size, and number) 3380'-3672', 1 spf, 32 holes make		
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 3380'-3672' 7600 gal. 15% HCL, 12 bbls 2% KCL, flush w/ 99 bbls 2% KCL, 79,554 lbs Jordan sand		
28. PRODUCTION		
Date First Production 7-15-2007		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping Lufkin 320
		Well Status (Prod. or Shut-in) Producing
Date of Test 7-19-2007	Hours Tested 24 hrs.	Choke Size 12/64
Prod'n For Test Period	Oil - Bbl 42	Gas - MCF 40
	Water - Bbl. 442	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure 0#	Calculated 24-Hour Rate
	Oil - Bbl. 6	Gas - MCF 26
	Water - Bbl. 455	Oil Gravity - API - (Corr.)
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD		Test Witnessed By
30. List Attachments Dual Laterolog & Compensated Neutron logs		
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>Angela Lightner</i>		Printed Name Angela Lightner Title Consultant Date 1-11-2008
E-mail Address angela@rkford.com		

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Southeastern New Mexico	Northwestern New Mexico
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OIL OR GAS

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IMPORTANT WATER SANDS

tion to which water rose in hole

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

LITHOLOGY RECORD (Attach additional sheet if necessary)

Lithology	From	To	Thickness
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WELL NAME AND NUMBER Red Lake 28K State #4
LOCATION Section 28, T17S, R28E, 1650 FSL, 2310 FWL, Eddy County
OPERATOR Edge Petroleum Operating, Co.
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 test and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/4 @ 1014'</u>	<u> </u>	<u> </u>
<u>1/2 @ 1518'</u>	<u> </u>	<u> </u>
<u>3/4 @ 2024'</u>	<u> </u>	<u> </u>
<u>1/2 @ 2592'</u>	<u> </u>	<u> </u>
<u>1/2 @ 3003'</u>	<u> </u>	<u> </u>
<u>1/2 @ 3507'</u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

Drilling Contractor- UNITED DRILLING, INC.

By: Luisa Garcia

(Luisa Garcia)

Title: Assistant Office Manger

Subscribed and sworn to before me this 25 day of June, 2007

George A. Aho
Notary Public

Chaves NM
County State

My Commission Expires:

10-8-08

Drilled Sidewall Core Analysis Report

Company : Edge Petroleum Corporation
File No. : 07689
Well : Red Lake 28 "K" State No. 4
Location : 1650' FNL & 2310' FEL, Sec 28, T17S, R28E

Field: Artesia
Formation: Glorieta-Yeso (O)
County : Eddy County, New Mexico

Sample Number	Depth	Grain Density	Porosity	Air Permeability	Klinkenberg Permeability	Porosity	Air Permeability	Klinkenberg Permeability
	ft	g/cc	%	mD	mD	%	mD	mD
			Confining Pressure 500psi			Confining Pressure 1,000psi		
1	707.5	2.89	tbfa	tbfa	tbfa	tbfa	tbfa	tbfa
2	708.0	2.90	1.08	0.0101	0.0048	0.56	0.0028	0.0010
3	723.0	2.81	21.11	49.4	47.5	20.8	48.8	47.0
4	734.0	2.94	1.58	0.0528	0.0339	0.9	0.0087	0.0040
5	757.0	2.86	32.29	40.6 (f)	38.9 (f)	30.99	35.6 (f)	34.1 (f)
6	765.0	2.77	27.94	24.5	23.2	27.58	24.3	23.1
7	777.5	2.91	0.83	0.0149	0.0075	0.47	0.0024	0.0009
8	1,417.0	2.71	4.54	0.0718	0.0481	4.00	0.0102	0.0048
9	1,420.5	2.80	8.44	0.7923	0.6583	7.80	0.5597	0.4586
10	1,492.0	2.66	12.24	0.7586	0.6282	11.59	0.5224	0.4244
11	1,739.0	2.65	13.88	0.3659	0.2915	12.70	0.2002	0.1461
12	1,745.0	2.65	15.49	3.82 (f)	3.40 (f)	14.30	1.31 (f)	1.15 (f)
13	1,845.0	2.71	7.67	0.0838	0.0551	7.16	0.0592	0.0365
14	1,938.0	2.64	19.09	75.8	73.5	18.60	72.9	70.5
15	1,946.0	2.71	6.52	0.1014	0.0698	6.10	0.0262	0.0142
16	1,950.5	2.72	6.36	0.1565	0.1145	5.91	0.0888	0.0600
17	2,027.0	2.68	6.79	0.1040	0.0728	5.97	0.0610	0.0391
18	2,033.0	2.68	6.71	0.2010	0.1494	6.12	0.1138	0.0792
19	3,204.0	2.82	10.74	2.69	2.37	10.19	2.60	2.28
20	3,306.0	2.82	10.92	24.1	22.9	10.52	23.9	22.7

Drilled Sidewall Core Analysis Report

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File No. : 07689
Well : Red Lake 28 "K" State No. 4
Location : 1650' FNL & 2310' FEL, Sec 28, T17S, R28E

Field: Artesia
Formation: Glorieta-Yeso (O)
County : Eddy County, New Mexico

Sample Number	Depth ft	Grain Density g/cc	Porosity %	Air Permeability mD	Klinkenberg Permeability mD	Porosity %	Air Permeability mD	Klinkenberg Permeability mD
			Confining Pressure 500psi			Confining Pressure 1,000psi		
21	3,333.0	2.82	11.15	17.2	16.2	9.740	10.7	9.98
22	3,572.5	2.73	9.23	0.1327	0.0952	8.83	0.0776	0.0512
23	3,642.0	2.86	9.51	9.35	8.64	9.15	9.32	8.62
24	3,660.0	2.83	11.57	15.2	14.3	11.14	14.7	13.8

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Field: Artesia

Formation: Glorieta-Yeso (O)

County: Eddy County, New Mexico

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

Confining Pressure 1,000psi

1*	707.5	tbfa	tbfa	0.57	2.89	59.0	0.0	1	tr	DI yl	Anhy:rd nvp v sl slt
2	708.0	0.0028	0.0010	0.56	2.90	62.7	0.0	4	0	sc	Anhy:wht nvp
3	723.0	48.8	47.0	20.80	2.81	50.3	18.9	450	100	DI yl-gld	Dol:yl-tn ppp sm anhy
4	734.0	0.0087	0.0040	0.90	2.94	65.9	0.0	0	tr	Brt yl-gld	Anhy:gry sl intxn por v sl dol
5	757.0	35.6 (f)	34.1 (f)	30.99	2.86	65.0	19.4	123	100	Brt yl-gld	Dol:yl-tn ppp v sl anhy
6	765.0	24.3	23.1	27.58	2.77	73.1	18.7	500+	95	Brt yl-gld	Dol:yl-tn ppp intxn por v sl anhy styl
7	777.5	0.0024	0.0009	0.47	2.91	63.5	0.0	1	tr	Yl sp	Anhy:gry nvp
8	1,417.0	0.0102	0.0048	4.00	2.71	70.9	0.0	4	0	sc	Ss:rd vfg wl srt rnd v sl anhy v sl hem
9	1,420.5	0.5597	0.4586	7.80	2.80	68.0	0.0	20	0	sc	Sltst:rd sm intgr por sm anhy v sl snd v sl hem
10	1,492.0	0.5224	0.4244	11.59	2.66	53.7	18.4	447	90	V dl gld	Ss:tn vfg wl srt rnd
11	1,739.0	0.2002	0.1461	12.70	2.65	70.6	0.0	53	tr	V dl gld sp	Ss:gry vfg wl srt rnd v sl dol v sl pyr
12	1,745.0	1.31 (f)	1.15 (f)	14.30	2.65	69.3	0.0	133	0	sc	Ss:rd vfg wl srt rnd v sl slt v sl hem
13	1,845.0	0.0592	0.0365	7.16	2.71	75.8	0.0	12	0	sc	Ss:ltbrn xf-vfg mod srt rnd v sl anhy v sl hem
14	1,938.0	72.9	70.5	18.60	2.64	49.7	19.0	52	100	Brt yl	Ss:yl-tn vfg wl srt rnd
15	1,946.0	0.0262	0.0142	6.10	2.71	70.2	0.0	12	0		Ss:rd vfg wl srt rnd sl slty v sl dol v sl hem
16	1,950.5	0.0888	0.0600	5.91	2.72	64.4	0.0	12	0		Ss:tn-rd vfg mod srt rnd slty dol cem v sl hem
17	2,027.0	0.0610	0.0391	5.97	2.68	66.3	0.0	10	0	sc	Slt/Ss:tn-gry vfg wl srt rnd sl dol cem
18	2,033.0	0.1138	0.0792	6.12	2.68	46.5	15.4	272	50	Brt yl lam	Ss:tn vfg wl srt rnd sm dol cem
19	3,204.0	2.60	2.28	10.19	2.82	43.0	16.3	500+	60	Brt yl sp	Dol:tn sml vugs sl anhy foss
20	3,306.0	23.9	22.7	10.52	2.82	41.2	16.7	500+	70	Brt yl sp	Dol:tn sml vugs sl anhy foss

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Formation: Glorieta-Yeso (O)
County: Eddy County, New Mexico

Sample	Depth	Air	Klinkenberg	Porosity	Grain	Sw	So	Gas	Fluorescence	Sample Description	
Number		Permeability	Permeability		Density			Units			
	ft	mD	mD	%	g/cc	%	%		%	Description	
21	3,333.0	10.7	9.98	9.74	2.82	70.5	0.0	8	0	DI yl mf	Dol:gry-tn sml vugs sl anhy peld
22	3,572.5	0.0776	0.0512	8.83	2.73	45.9	17.6	500+	85	Yl-gld	Ss:gry-brn vfg wl srt sm dol cem v sl pyr styl
23	3,642.0	9.32	8.62	9.15	2.86	46.4	17.8	77	90	V dl yl-gld	Dol:ltbrn sml vugs xln
24	3,660.0	14.7	13.8	11.14	2.83	41.1	18.5	387	90	DI yl	Dol:tn sml vugs v sl anhy xln

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

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

Drilled Sidewall Core Analysis Report

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

Confining Pressure 1,000psi

1*	707.5	tbfa	tbfa	0.57	2.89	59.0	0.0	1	tr	DI yl
2	708.0	0.0028	0.0010	0.56	2.90	62.7	0.0	4	0	sc
3	723.0	48.8	47.0	20.80	2.81	50.3	18.9	450	100	DI yl-gld
4	734.0	0.0087	0.0040	0.90	2.94	65.9	0.0	0	tr	BrI yl-gld
5	757.0	35.6 (f)	34.1 (f)	30.99	2.86	65.0	19.4	123	100	BrI yl-gld
6	765.0	24.3	23.1	27.58	2.77	73.1	18.7	500+	95	BrI yl-gld
7	777.5	0.0024	0.0009	0.47	2.91	63.5	0.0	1	tr	YI sp
8	1,417.0	0.0102	0.0048	4.00	2.71	70.9	0.0	4	0	sc
9	1,420.5	0.5597	0.4586	7.80	2.80	68.0	0.0	20	0	sc
10	1,492.0	0.5224	0.4244	11.59	2.66	53.7	18.4	447	90	V dl gld
11	1,739.0	0.2002	0.1461	12.70	2.65	70.6	0.0	53	tr	V dl gld sp
12	1,745.0	1.31 (f)	1.15 (f)	14.30	2.65	69.3	0.0	133	0	sc
13	1,845.0	0.0592	0.0365	7.16	2.71	75.8	0.0	12	0	sc
14	1,938.0	72.9	70.5	18.60	2.64	49.7	19.0	52	100	BrI yl
15	1,946.0	0.0262	0.0142	6.10	2.71	70.2	0.0	12	0	
16	1,950.5	0.0888	0.0600	5.91	2.72	64.4	0.0	12	0	
17	2,027.0	0.0610	0.0391	5.97	2.68	66.3	0.0	10	0	sc
18	2,033.0	0.1138	0.0792	6.12	2.68	46.5	15.4	272	50	BrI yl lam
19	3,204.0	2.60	2.28	10.19	2.82	43.0	16.3	500+	60	BrI yl sp
20	3,306.0	23.9	22.7	10.52	2.82	41.2	16.7	500+	70	BrI yl sp

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Sample	Depth	Air	Klinkenberg	Porosity	Grain	Sw	So	Gas	Fluorescence	Sample Description
Number		Permeability	Permeability		Density			Units		
	ft	mD	mD	%	g/cc	%	%		%	Description
21	3,333.0	10.7	9.98	9.74	2.82	70.5	0.0	8	0	DI yl mf
22	3,572.5	0.0776	0.0512	8.83	2.73	45.9	17.6	500+	85	Yl-gld
23	3,642.0	9.32	8.62	9.15	2.86	46.4	17.8	77	90	V dl yl-gld
24	3,660.0	14.7	13.8	11.14	2.83	41.1	18.5	387	90	DI yl

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

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