



R. K. FORD & ASSOCIATES

Engineering, Drilling & Completion

415 West Wall
Suite 1700 • Wilco Building
Midland, Texas 79701

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RECEIVED

APR 11 2008

HOBBS OCD

*Done in 3/29/08
Out 6/29/08*

April 10, 2008

Oil Conservation Division
1625 N. French Dr.
Hobbs, NM 88240

Subject: Prairie Fire State #1, API # 30-025-34590

Edge Petroleum Operating Company, Inc. requests that said well is held confidential for as long as possible. This well is now completed and in production.

If you have any questions or need further information regarding this well please feel free to contact me.

Thank you,

Angela Lightner
Angela Lightner
angela@rkford.com

RECEIVED APR 11 2008 HOBBS OIL 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 1200 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 Revised June 10, 2003																																																									
WELL COMPLETION OR RECOMPLETION REPORT AND LOG		WELL API NO. 30-025-34590 5. Indicate Type of Lease STATE ☒ FEE ☐ State Oil & Gas Lease No. 36729																																																									
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 Prairie Fire State																																																									
2. Name of Operator Edge Petroleum Operating Company, Inc.		8. Well No. 1																																																									
3. Address of Operator 1301 Travis Suite 2000 Houston, TX 77002		9. Pool name or Wildcat Osudo Morrow West (Gas)																																																									
4. Well Location Unit Letter <u>6</u> <u>7</u> : 1980 Feet From The North _____ Line and 1650 Feet From The East _____ Line Section 2 Township 21S Range 34E NMPM Lea County																																																											
10. Date Spudded 11-26-07	11. Date T.D. Reached 1-28-08	12. Date Compl. (Ready to Prod.) 3-5-08	13. Elevations (DF& RKB, RT, GR, etc.) 3713.50'																																																								
14. Elev. Casinghead		15. Total Depth 13,920'																																																									
16. Plug Back T.D. 13,722'		17. If Multiple Compl. How Many Zones?																																																									
18. Intervals Drilled By		19. Producing Interval(s), of this completion - Top, Bottom, Name 13127'-13590' Middle Morrow 13420'-13625'																																																									
20. Was Directional Survey Made		21. Type Electric and Other Logs Run Dual Lataerolog, Dual Spaced Neutron, SpectraScan																																																									
22. Was Well Cored No		23. CASING RECORD (Report all strings set in well)																																																									
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26. Perforation record (interval, size, and number) 13420'-13425', 3 spf, 15 holes 13452'-13457', 2 spf 10 holes 13468'-13473', 2 spf 10 holes 13512'-13542', 4 spf 120 holes 13564'-13584', 4 spf 80 holes		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>13420'-13425'</td> <td>947 bbls 7% KCL, 323 tons CO2, 99,542 lb 20/40 baux</td> </tr> <tr> <td>13452'-13473'</td> <td>684 bbl 7% KCL, 188 tons CO2, 57525 lb 20/40 baux</td> </tr> <tr> <td>13512'-13584'</td> <td>1222 bbl 7% KCL, 300 tons CO2, 89270 lb 20/40 baux</td> </tr> </table>		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	13420'-13425'	947 bbls 7% KCL, 323 tons CO2, 99,542 lb 20/40 baux	13452'-13473'	684 bbl 7% KCL, 188 tons CO2, 57525 lb 20/40 baux	13512'-13584'	1222 bbl 7% KCL, 300 tons CO2, 89270 lb 20/40 baux																																																
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28. PRODUCTION																																																											
Date First Production 2-8-2008		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing																																																									
Well Status (Prod. or Shut-in) Producing		Date of Test 4-6-2008																																																									
Hours Tested 24	Choke Size 40/64	Prod'n For Test Period	Oil - Bbl 65																																																								
Gas - MCF 10,088	Water - Bbl. 144	Gas - Oil Ratio																																																									
Flow Tubing Press. 1250	Casing Pressure 950	Calculated 24-Hour Rate	Oil - Bbl.																																																								
Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)																																																									
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold			Test Witnessed By																																																								
30. List Attachments																																																											
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 <u>Angela Lightner</u> E-mail Address <u>angela@rkford.com</u> Printed Name <u>Angela Lightner</u> Title <u>Consultant</u> Date <u>4-10-08</u>																																																											

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	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	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.	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
5980	6580	600	Dolomite, sandstone				
6580	6780	200	Limestone/shale, sandstone				
6780	8210	1420	Limestone/shale, sandstone				
8210	9050	840	Limestone/sandstone, limestone				
9050	9920	870	Shale/limestone				
9920	10520	600	Limestone/sandstone/siltstone/shale				
10520	10840	320	Sandstone/siltstone/shale/limestone				
10840	11940	1100	Limestone/shale/ chert/shale				
11940	12360	420	Limestone/shale				
12360	12620	420	Limestone/chert				
12360	12780	420	Sandstone/shale				
12780	13110	330	Limestone/shale/chert				
13110	13510	400	Limestone/shale/sandstone/shale				
13510	13650	140	Sandstone/shale/sandstone/shale				
13650	13790	140	Sandstone/shale				
13790	13840	50	Sandstone/shale				
13840	13920	80	Shale/siltstone				

EDGE PETROLEUM OPERATING COMPANY, INC.
Completion Schematic

LEASE: Prairie Fire State
WELL: 1
COUNTY: Lea County, NM
FIELD: Osudo West

SURF LOC: 1980' FNL & 1650' FEL of Sec. 2, T21S, R34E
BHL: 685' FNL & 716' FEL of Sec. 2, T21S, R34E
X:
Y:

Last Updated: 4/3/2008
ENGR: Ryan Price
RIG: Permian 6
ELEV. 3713.5'
KB: 3738'

DIRECTIONAL	SANDS/ MARKERS	DEPTH		CASING PROFILE	HOLE SIZE	CASING DETAILS	DESCRIPTION
		TVD	MD				
		40' (est)	40' (est)		PRESET	20" Conductor	
		1395'	1395'		17-1/2" Hole	13-3/8", 54.5 ppf J-55, STC	
STRAIGHT HOLE		5845'	5845'		12-1/4" Hole	9-5/8", 40 ppf L-80, LTC	
	KOP	5900'	5900'		7,000'	TOC (est.)	
	max incl 25.7°						
	vertical (0° incl)	10,957'	11,250'		8-3/4" Hole		
	Wolfcamp (pay)	11,657'	11,950'				
DIRECTIONAL HOLE	Liner Top	11,739'	12,032'			7", 29 ppf P-110, LTC	Baker lnr hanger & ZXP pkr @ 12,050', original hanger & pkr did not set, cemented lnr & set 2nd ZXP pkr @ 12,032'
		11,837'	12,130'				
						Depth	Tubing Detail
						24' 13,319.05' 13,319.92' 13,351.65' 13,352.67' 13,384.35' 13,385.22' 13,385.56'	KB 427 jts 2-3/8" 4.7# P-110 8rd x-nipple (1.875" profile) 1 jt 2-3/8" 4.7# P-110 8rd xn-nipple (1.791" no-go) 1 jt 2-3/8" 4.7# P-110 8rd ceramic Magnum Disk sub wireline re-entry guide / EOT
Stage 3 Frac	Middle Morrow Stray	13,127'	13,420'		Perforations 13,420-425'	3spf, .32", 15 shots	
	Middle Morrow 3	13,212'	13,505'		13,452'-457' 13,468'-473'	2spf, .32", 10 shots 2spf, .32", 10 shots	3/11/08: Frac w/ 947 bbl 7% KCl, 323 tons CO2, 99,542 lb 20/40 baux
Stage 2 Frac	Middle Morrow 2	13,212'	13,505'		13,512'-542'	4spf, .42", 120 shots	2/18/08: Frac w/ 684 bbl 7% KCl, 188 tons CO2, 57,525 lb 20/40 baux
Stage 1 Frac	Middle Morrow 2A	13,267'	13,560'		13,564'-584'	4spf, .42", 80 shots	
	Middle Morrow 1	13,297'	13,590'		13,593'-625'	4spf, .42", 128 shots	2/11/08: Frac w/ 1222 bbl 7% KCl, 300 tons CO2, 89,270 lb 20/40 baux
DIRECTIONAL HOLE	PBTD	13,429'	13,722'		6-1/4" Hole	4-1/2", 11.6#, P-110, LTC	** PBTD from tracer log 3/29/08 **
	TD	13,627'	13,920'			12,050'-13,920'	