

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5 Lease Serial No NM-92167							
b Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff Resrv		6 If Indian, Allottee or Tribe Name							
Other: RE-ENTRY		7 Unit or CA Agreement Name and No							
2 Name of Operator Yates Petroleum Corporation		8 Lease Name and Well No Leonardo BKL Federal Com #1							
3 Address 105 S. 4th Str., Artesia, NM 88210		3a Phone No (include area code) 575-748-1471							
4 Location of Well (Report location clearly and in accordance with Federal requirements) At Surface 1980°FNL & 1980°FEL (Unit G, SWNE) At top prod. Interval reported below At total depth		9 API Well No 30-015-22763 10 Field and Pool or Exp. Name W. Kackberry, Morrow 11 Sec., T, R, M., of Block and Survey or Area Section 28-T25S-R27E 12 County or Parish Eddy 13 State New Mexico							
14. Date Spudded RE 1/8/08		15 Date T D Reached 2/16/08							
16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod		17 Elevations (DF, RKB, RT, GL)* 3112'GL 3131'KB							
18 Total Depth MD 12,712' TVD NA		19 Plug Back T D MD 12,667' TVD NA							
20 Depth Bridge Plug Set MD NA TVD NA		21 Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL, Hi-Res Laterolog Array, CBL							
22 Was Well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)		File Copy							
23 Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt (#/ft)	Top (MD)	Bottom (MD)	State Cementer Depth	No of Sk & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
14-3/4"	10-3/4"	40.5#	Surface	2000'		In Place		Surface	
9-1/2"	7-5/8"	33.7# 39#	Surface	11,000'		430 sx		10,703'	
6-1/2"	4-1/2"	11.6#	Surface	12,712'		400 sx		8100' est	
24 Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-3/8"	11,865'	11,865'							
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status			
A) Morrow	11,966'	12,624'	12,354'-12,358'		24	Producing			
B)			12,614'-12,624'		60	Producing			
C)			11,966'-11,984'		108	Producing			
D)			12,060'-12,076'		96	Producing			
27 Acid, Fracture, Treatment, Cement Squeeze, Etc									
Depth Interval	Amount and Type of Material								
12,354'-12,624'	Acidize with 2000g 7-1/2% IC acid and 175 balls								
11,966'-12,076'	Acidize with 300g 7-1/2% IC acid and 250 balls								
28 Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
4/25/08	5/1/08	24	→	0	529	15	NA	NA	Flowing
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
17/64"	680 psi	1300 psi	→	0	529	15	NA	Producing	
28a Production-Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

Corrected
4/11/08

8102

ATS-08-61



OCD-ARTESIA

NOV 27 2007
OCD-ARTESIA

Form 3160-3
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

52

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OMB No 1004-0136
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> REENTER		5. Lease Serial No. NM-92167	
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name	
2. Name of Operator Yates Petroleum Corporation		7. If Unit or CA Agreement, Name and No	
3A. Address 105 South Fourth Street Artesia, New Mexico 88210		8. Lease Name and Well No Leonardo BKL Federal Com. #1	
3b. Phone No. (include area code) (505) 748-1471		9. API Well No 30-015-22763	
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface: 1980' FNL and 1980' FEL At proposed prod. Zone		10. Field and Pool, or Exploratory Wildcat Morrow	
14. Distance in miles and direction from nearest town or post office* Approximately 13 miles southwest of Malaga, New Mexico.		11. Sec., T, R, M, or Blk, and Survey or Area Section 28, T25S-R27E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1980'	16. No. of Acres in lease 857.57	17. Spacing Unit dedicated to this well E/2	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1.5 miles	19. Proposed Depth 12680'	20. BLM/BIA Bond No. on file NMB-000434	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3111.8' GL	22. Approximate date work will start* ASAP	23. Estimated duration 45 days	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized office |

25. Signature 	Name (Printed/Typed) Cy Cowan	Date 10/10/2007
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Regulatory Agent Approved by (Signature) /s/ James A. Amos	Name (Printed/Typed) /s/ James A. Amos	Date NOV 21 2007
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Title FIELD MANAGER	Office CARLSBAD FIELD OFFICE
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Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

Conditions of approval, if any, are attached

APPROVAL FOR TWO YEARS

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

C-102 attached

Carlsbad Controlled Water Basin

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

SEE ATTACHED FOR CONDITIONS OF APPROVAL

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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number	Pool Code 96070	Pool Name Wildcat Morrow
Property Code 36861	Property Name Leonardo BKL Federal Com.	Well Number 1
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 3111.8'

10 Surface Location

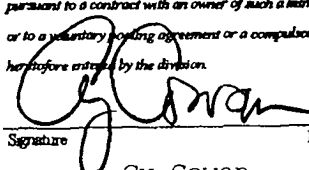
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	28	25S	27E		1980'	North	1980'	East	Eddy

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
320			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

File Copy	1980'	1980'	File Copy	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  Signature Date 10/10/07 Printed Name Cy Cowan Printed Name Regulatory Agent
				18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. REFER TO ORIGINAL PLAT. Date of Survey Signature and Seal of Professional Surveyor Certificate Number