OCD-ARTESIA

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well [ ] Oil Well [X] Gas Well [ ] Dry [ ] Other

b Type of Completion [ ] New Well [X] Work Over [ ] Deepen [ ] Plug Back [ ] Diff Resvr ,

Other: **Well back to previous commingled zones - DHC-1143**

5 Lease Serial No: NM-83068

6 If Indian, Allottee or Tribe Name: NA

2 Name of Operator: Yates Petroleum Corporation

7 Unit or CA Agreement Name and No: NA

3 Address: 105 S. 4th Str., Artesia, NM 88210

3a Phone No (*include area code*): 575-748-1471

RECEIVED
MAY 01 2012
NMOCD ARTESIA

8 Lease Name and Well No: Zinnia BKC Federal #1

4 Location of Well (*Report location clearly and in accordance with Federal requirements*)*

At Surface: 1980'FNL & 910'FWL (Unit E, SWNW)

9 API Well No: 30-015-27939

10 Field and Pool or Exploratory: Burton Flat; Strawn, East / Burton Flat; Wolfcamp, East

At top prod Interval reported below: 2055'FNL & 2277'FWL (Unit F, SENW)

NSL-6587
NSL-

11 Sec , T ,R ,M , on Block and Survey or Area: Section 27-T20S-R29E

BHL: 2114'FNL & 2563'FWL (Unit F, SENW)

12 County or Parish: Eddy

13 State: New Mexico

14 Date Spudded	15 Date T.D Reached	16 Date Completed	17 Elevations (DF,RKB,RT,GL)*
WO 3/8/12	2/20/95	4/1/12 [ ] D & A [X] Ready to Prod	3273'GL

18 Total Depth	19 Plug Back T D.	20 Depth Bridge Plug Set
MD 12,550' TVD NA	MD 12,250' TVD NA	MD 12,250' TVD NA

21 Type Electric & Other Mechanical Logs Run (Submit copy of each)

None

22 Was Well cored? [X] No [ ] Yes (Submit analysis)
Was DST run? [X] No [ ] Yes (Submit report)
Directional Survey? [X] No [ ] Yes (Submit copy)

23 Casing and Liner Record (*Report all strings set in well*)

Hole Size	Size/Grade	Wt (#/ft)	Top (MD)	Bottm(MD)	State Cementer Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
REFER TO ORIGINAL COMPLETION									

24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	9848'	9848'						

25 Producing Intervals / 26 Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Strawn	10,965'	10,988'	10,846'-10,870'		49	Producing
B) Wolfcamp	9902'	10,870'	10,786'-10,794'		17	Producing
C)			10,752'-10,760'		~~17~~ 29	~~Producing~~ Producing
D)			10,712'-10,726'			

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
10,712'-10,870'	Acidized with 5000g 15% HCL acid, dropped 170 balls

ACCEPTED FOR RECORD
APR 23 2012
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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
4/2/12	3/27/95	24	→	36	153	11	NA	NA	Flowing

Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
16/64"	80 psi	Packer	→	36	153	11	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
4/2/12	9/14/95	24	→	135	1081	34	NA	NA	Flowing

Choke Size	Tbg Press Flwg	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
20/64"	600 psi	Packer	→	135	1081	34	NA	Producing

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

28b Production - Interval C

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

28c Production - Interval D

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

29 Disposition of Gas *(Sold, used for fuel, vented, etc.)*

Sold

30 Summary of Porous Zones (Include Aquifers)

Show all important zones of porosity and contents thereof Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

31 Formation (Log) Markers

Formation	Top	Bottom	Description, Contents, etc	Name	Top Meas Depth
				REFER TO ORIGINAL COMPLETION	

32 Additional remarks (include plugging procedure)

The new Wolfcamp perforations are non-productive and tested at 100% water. From the small amount of testing we did before we put the well back on both zones looked almost identical. Swabbing data attached

33 Indicate which items have been attached by placing a check in the appropriate boxes

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other Deviation Survey

34 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name(*please print*) Tina Huerta Title Regulatory Reporting Supervisor

Signature Tina Huerta Date April 10, 2012

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.

(Continued on page 3)

3-16-18-12 Rigged up Rising Star cement pump truck. Squeezed Delaware perfs 3900-3932'. Pumped 5 bbls down tubing – 2 BPM @ 1520#. Pumped 50 sacks Class "C" with 2% CaCl (yld 11.7, weight 14#) and 150 sacks Class "C" of 14.8# cement. Start flush 2 BPM @ 1410#. Walked pressure up to 2400#. Squeezed well with 186 sacks = 43.7 bbls. Sting out of retainer. Reverse circulated 2.5 bbls of cement. POOH and shut well in. Prep to drill out squeeze.

3-29-12 Rigged up JSI Wireline. Perf'd 10,846-10,870' (49), 10,786-10,794' (17), 10,752-10,760' (17), and 10,712-10,726' (29). Rigged down wireline. RIH with AS-5 packer with B-valve retrieving tool to 10,628' (323 joints). Set packer. Flanged well up. Rigged up Rising Star pump truck. Acidized perfs from 10,712-10,870' (112 holes) with 5000 gals of 15% HCL acid. Dropped 170 balls. Slight ball action. Broke at 4100#, avg 4700# @ 5 BPM. ISIP 3660#, 15 mins 2980#. TLTR 364 bbls. Rigged down pump truck. SIP 2100#.

TIME	FL/#S	TP	WATER
4 PM		2100	0.0
5 PM		0	46.0
6 PM	2200' - 4		24.0

Recovered 70 bbls of water for day. 194 bbls left to recover. Shut well in. Prep to swab test. Emissions - 20 gals, Rising Star 40 gals, JSI 20 gals. DC $32,950; CC $285,678; TWC $285,678

3-30/4-1-12 SIP 700#. Bleed well down. Flowed 13 bbls water. IFL at surface. Recovered 195.8 bbls of water for the day.

TIME	IFL/#SR	OIL	WATER	
7 AM		0.0	0.0	TP 700#
Unloaded 13 bbls of water				
8 AM	27' - 2	0.0	25.0	sl gas after run
9 AM	3000' - 3	0.0	19.0	
10 AM	3000' - 3	0.0	19.0	
11 AM	3000' - 3	0.0	19.0	
12 PM	3000' - 3	0.0	19.0	
1 PM	3000' - 3	0.0	19.0	
2 PM	3000' - 3	0.0	19.0	gas will burn
3 PM	3000' - 3	0.0	19.0	
4 PM	3000' - 3	0.0	19.0	
5 PM	3000' - 3	0.2	18.8	

2 bbls overload. Shut well in. Prep to swab test. Emissions - Kjey 20 gals. NOTE: Water sample to Rising Star. DC $9750; CC $295,428; TWC $295,428

4-2-12 SIP 1000#. Bleed down. Flowed back 2 bbls of oil. IFL at 2200'. Recovered 6 bbls 50% oil.

TIME	FL/#SR	OIL	WATER	
8 AM	2200'	12.0	0.0	
1st swab run recovered 3 BO and 3 BW				
9 AM	3000'	0.2	17.8	sl gas after run

10 AM 3000' 0.2 17.8 sl gas after run

Recovered 45 bbls of water, 3 bbls oil. Nippled up BOP. Released packer and RBP. Moved and set RBP at 11,084' (337 joints). Moved packer to 10,922' (332 joints). Straddle Strawn perfs 10,965-10,988'.

Nippled down BOP. Set packer. Flanged well up. Started swabbing. IFL at 1200'. Recoverd 75 bbls water.

TIME	FL/#SR	OIL	WATER	
1 PM	1200'	0.0	0.0	
2 PM	2200'	0.2	17.8	sl gas after run
3 PM	3000'	0.2	18.8	sl gas after run
4 PM	3000'	0.2	18.8	sl gas after run
5 PM	3000'	0.2	18.8	sl gas after run

Shut well in. Prep to test tools. Emissions - Key 20 gals. DC $9750; CC $305,178; TWC $305,178

4-3-12 SIP tubing 0#, casing 350#. Released packer. RIH to 11,053', 1 joint avove RBP. Set packer. Loaded and tested tubing with 10 bbls. Tested to 1500#, good. Released packer and RBP. POOH. RIH with 5-1/2" ASI with 1.875" F profile and 299 joints. Nippled down BOP. Set packer at 9848' above Wolfcamp perfs 9902-10,216', 10,712-10,870' and Strawn perfs 12,294-12,309'. Flanged well up. Swabbed well and recovered 42 bbls of water for day. Shut well in. Prep to rig down unit. Emissions - Key 35 gals. DC $12,250; CC $317,428; TWC $317,428

The new Wolfcamp perforations are non-productive and tested at 100% water.

The Precentages turned in by Brian Collins on 12-7-95 still look appropriate.
Wolfcamp oil 49% and Wolfcamp gas 33%
Strawn oil 51% and Strawn gas 67%

From the small amount of testing we did before we put the well back on boh zones looked almost identical.

Mike Hill
Area Engineer
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