

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See Other
Instructions on
reverse side)

FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995

Oil Cons.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.

NO-100517

6. FARM OR LEASE NAME, WELL NO.

1301 W. Grand Avenue
Artesia, NM 88210

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME, WELL NO.

Blacktail ATT Fed. #1

9. API WELL NO.

30-015-31146 S1

10. FIELD AND POOL, OR WILDCAT

Wolfcamp

11. SEC., T., R., M., OR BLOCK & SURVEY OR AREA

Sec. 21 T20S R21E

12. CO. OR PARISH

Eddy

13. STATE

NM

19. ELEV. CASHINGHEAD

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION:

NEW WELL ☒ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other

2. NAME OF OPERATOR

Yates Petroleum Corporation

3. ADDRESS AND TELEPHONE NO.

105 South Fourth St. - Artesia, NM 88210

505-748-1471

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

1980' FSL and 2450' FWL

At top prod. Interval reported below

At total depth

ACCEPTED FOR RECORD

AUG 30 2001

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

6/5/00

16. DATE T.D. REACHED

7/15/00

17. DATE COMPL. (Ready to prod.)

12/1/00

18. ELEVATIONS (OF, RKB, RT, GR, ETC.)*

4581' GR

20. TOTAL DEPTH, MD & TVD

8200'

21. PLUG BACK T.D., MD & TVD

5910'

22. IF MULTIPLE COMPL.

23. INTERVALS DRILLED BY

ROTARY TOOLS

40-8200'

CABLE TOOLS

24. PRODUCTION INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

4708-4728' Wolfcamp

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/LDC, Laterolog, Sonic

27. WAS WELL CORED

Yes - Sidewall

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
20"		40'	26"	cement to surface	
13-3/8"	48#	351'	17-1/2"	600 sxs circ	
9-5/8"	36#	1841'	12-1/4"	1410 sxs circ	
5-1/2"	17 & 15.5#	8200'	8-3/4"	1700 sxs	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	4599'	--

31. PERFORATION RECORD (Interval, size and number)

See Attached

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

See Attached

33. PRODUCTION

DATE FIRST PRODUCTION

11/29/00

PRODUCTION METHOD (Flowing, gaslift, pumping-size and type of pump)

SIWOPL

WELL STATUS (Producing or shut-in)

SIWOPL

DATE OF TEST

11/30/00

HOURS TESTED

24

CHOKE SIZE

PROD'N. FOR TEST PERIOD

OIL-BBL

0

GAS-MCF

725

WATER-BBL

0

GAS-OIL RATIO

FLOW, TBG PRESS.

480#

CASING PRESS

Packer

CALCULATED 24-HR RATE

OIL-BBL

0

GAS-MCF

725

WATER-BBL

0

OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

SIWOPL

TEST WITNESSED BY

Kenneth Perry

35. LIST OF ATTACHMENTS

Logs, DST

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE Engineering Technician

DATE

8/16/01

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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.

37 SUMMARY OF POROUS ZONES: (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.)

37 SUMMARY OF POROUS ZONES: (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)					38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP		
					MEAS. DEPTH	TRUE VERT. DEPTH	
				San Andres	1376'		
				Glorietta	1909'		
				Yeso	2086'		
				Tubb	2792'		
				Abo	3384'		
				Wolfcamp	4676'		
				Cisco	5916'		
				Strawn	7060'		
				Atoka	7576'		
				Morrow	7896'		
				Chester	8040'		

RECEIVED
JAN 27 11 50 AM '50
SOL. DIV.

1376'
1909'
2086'
2792'
3384'
4676'
5916'
7060'
7576'
7896'
8040'

RECEIVED
2001 JUN 20 11 59 AM
SOUTHERN
SOUTHERN

Yates Petroleum Corporation
Blacktail ATT Federal #1
API 30-015-31146
Sec 21 R20S R21E
Eddy County, NM

31. PERFORATION RECORD (*Interval, size and number*)

Atoka	7739-7761'	138 holes	.42" holes
Strawn	7420-7428'	48 holes	.42" holes
	7232-7236'	30 holes	.42" holes
	7296-7298'	18 holes	.42" holes
	7128-7133'	36 holes	.42" holes
Cisco	6004-6010'	42 holes	.42" holes
	6246-6248'	18 holes	.42" holes
	6267-6270'	24 holes	.42" holes
	6277-6279'	18 holes	.42" holes
Wolfcamp	4708-4728'	22 holes	.42" holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED
7739-7761'	1000 gals 15% IC HCL with Morrow additives + 1000 SCF N2 per bbl.
7420-7428'	1000 gals 7.5% IC HCL with Morrow additives + 1000 SCF N2 per bbl.
7232-7298'	1500 gals 7.5% IC HCL with Morrow additives + 1000 SCF N2 per bbl. + 54 ball sealers
7128-7133'	1000 gals 7.5% IC HCL with Morrow additives + 1000 SCF N2 per bbl.
6246-6279'	1500 gals 15% IC HCL + 36 ball sealers
6004-6010'	1000 gals 15% IC HCL
4708-4728'	1500 gals 15% IC HCL + 40 ball sealers

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Results of DST #1 7870-7921' Morrow Clastics:

Recovery: 150' of drilling mud

Sampler: 2600 cc mud

Pressures:

IHP	58-59
ISIP	126
2nd FP	45-57
2nd SI	384
FHP	3969

Times:

TO 15"; SI 60"

TO 60"; SI 180"