

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See instructions on reverse side)

copy to ST  
Form approved.  
Budget Bureau No. 42 R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

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

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESV. ☒

2. NAME OF OPERATOR

Yates Petroleum Corporation

3. ADDRESS OF OPERATOR

207 South 4th Street - Artesia, NM 88210

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

At surface

660' FSL &amp; 660' FEL of Sec. 32-17S-25E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

NM 3603

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal "GC" Comm

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT Unit.

Richard Knob

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

Sec. 32-17S-25E

Unit P NMPM

12. COUNTY OR PARISH

Eddy

13. STATE

NM

15. DATE SPUDDED

6-7-76

16. DATE T.D. REACHED

7-8-76

17. DATE COMPL. (Ready to prod.)

9-29-76

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

3588' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

8400'

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

8292'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-8400'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

7854-7864' Strawn

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/FEC, D11/MSFL

27. WAS WELL CORED

No

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	42#	274'	17 1/2"	175 sacks	
8-5/8"	24#	1110'	12 1/4"	800 sacks	
5 1/2"	17&15.5#	8334'	7-7/8"	500 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	7805'	7802'

31. PERFORATION RECORD (Interval, size and number)

7854-7864' w/60 .32" shots

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7854-7864'	1000g 7 1/2% acid w/nitrogen
	10000 g 3% gelled acid &
	CO2 & 10000# 20-40 sand

33. PRODUCTION

DATE FIRST PRODUCTION 9-29-76 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

O.P.C. ARTESIA, OFFICE

Flowing

WELL STATUS (Producing or shut-in)

SI - WOPLC

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-30-76	24	1/4"	→	TSTM	400	None	-
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
265#	-	→	TSTM	400	None	-	-

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

Vented

TEST WITNESSED BY

H. Apple

35. LIST OF ATTACHMENTS

Location &amp; Acreage Dedication Plat - Digramatic Sketch.

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

SIGNED

TITLE

Geol. Secty

DATE

10-21-76

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

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 33.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement". Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## 37. SUMMARY OF POROSITY ZONES:

SUMMARY 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			REFER TO MORROW Completion - Dated - 8-26-76.

## 38.

### GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH

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O.C.C.  
ARTISAN, TEXAS

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

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U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

Operator <b>Yates Petroleum Corporation</b>		Lease <b>Federal "GC" Com</b>		Well No. <b>1</b>
Unit Letter <b>P</b>	Section <b>32</b>	Township <b>17South</b>	Range <b>25 East</b>	County <b>Eddy</b>
Actual Footage Location of Well: <b>660</b> feet from the <b>South</b> line and <b>660</b> feet from the <b>East</b> line				
Ground Level Elev. <b>3588'</b>	Producing Formation <b>Strawn</b>	Pool <b>Richard Knob</b>	Dedicated Acreage: <b>320</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Being Communitized

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

R25E		YPC	
T17S		Welch	
3 2		YPC	
RECEIVED		3603	
OCT 22 1976		US	
O. C. C.			
ARTESIA, OFFICE			

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Eddie M. Mahfood

Name:

Position

Engineer

Company

Yates Petroleum Corp.

Date

10-20-76

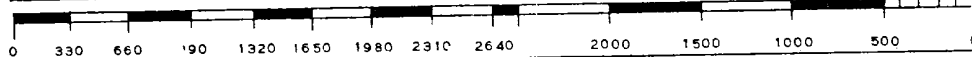
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Refer to Original Plat  
Dated April 22, 1976

Date Surveyed

Registered Professional Engineer  
and/or Land Surveyor

Certificate No.



# DIAGRAMMATIC SKETCH OF PROPOSED DUAL COMPLETION

YATES PETROLEUM CORP.  
Federal "GC" No. 1  
660' FSL & FEL  
Sec. 32, 17 S., 25 E.  
Eddy County, New Mexico

Elevation 3588' GR

Spudded: 6-7-76  
T.D. reached: 7-8-76  
Strawn compl.: 9-29-76  
Morrow compl.: 7-20-76

Tbg. Completed in Strawn

17 1/2" hole to 274' KB  
13 3/8" 42# csg. set @ 274'  
cmtd. w/ 175 sx.

Top of San Andres @ 712' KB  
Base of Artesia Water Zone  
@ 1005' KB

12 1/4" hole to 1110' KB  
8 5/8" 24# csg. set @ 1110'  
cmtd. w/ 800 sx.

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Top of Strawn @ 7517' KB

STRAWN ZONE  
flowed 400 MCF/D 1/4" ck.

Top of cement @ 5950' KB  
From Temp. Survey

2 3/8" tbg. set on pk. @ 7805' KB

7 7/8" hole to 8400' KB  
5 1/2" 17 1/2# csg. set @ 8334' KB  
cmtd. w/ 500 sx.

Perf'd. 7854-7864 w/ 60 .32 shots  
Treated w/ 1000 gal. 7 1/2% acid  
w/ nitrogen, 10000 gal. 3% gelled  
acid & CO<sub>2</sub>, 10000# 20-40 sd.

Set Blanking Plug in on/off tool  
@ 8166' KB

Top of Morrow @ 8183' KB

MORROW ZONE  
flowed 3700 MCF/D 3/4" ck

Perf'd. 8202-8232 w/ 4 SPF .32  
Treated w/ 2500 gal. 7 1/2% MSA  
w/ nitrogen ReT: w/ 16700 gal. 3%  
MSA & CO<sub>2</sub>, 24000# 20-40 sd.

PBTD 8292' KB

TD 8400' KB