

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYNM OIL & GAS DIVISION
Artesia, NM 88210
Drawer DD (See other instructions on back side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM 30391	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Yates Petroleum Corporation		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 207 South 4th St., Artesia, NM 88210		8. FARM OR LEASE NAME Grafa RW Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL & 1980' FWL, Sec. 33-T5S-R24E At top prod. interval reported below At total depth		9. WELL NO. 1	
14. PERMIT NO.		13. STATE NM	
15. DATE SPUDDED 1-10-82		12. COUNTY OR PARISH Chaves	
16. DATE T.D. REACHED 1-27-82		19. ELEV. CASINGHEAD 4089.8' GR	
17. DATE COMPL. (Ready to prod.) 2-5-82		10. FIELD AND POOL, OR WILDCAT Pecos Slope-Abo Gas	
20. TOTAL DEPTH, MD & TVD 4225'		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Unit N, Sec. 33-T5S-R24E	
21. PLUG, BACK T.D., MD & TVD 4214'		22. IF MULTIPLE COMPLETIONS, INTERVALS DRILLED BY 0-4225'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3856-77' Abo		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/FDC; DLL		27. WAS WELL CORRED No	
28. CASING RECORD (Report all strings in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
10-3/4"	40.5#	910'	14-3/4"
4-1/2"	9.5#	4225'	7-7/8"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	3834'		
31. PERFORATION RECORD (Interval, size and number)			
3856-77' w/13 .50" holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3856-77'		w/2000 g. MOD 101 acid.	
		SF w/40000 g. gel KCL wtr,	
		42 tons CO2, 80000# 20/40 sd.	
33.* PRODUCTION			
DATE FIRST PRODUCTION 2-5-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
DATE OF TEST 2-5-82		WELL STATUS (Producing or shut-in) SIWOPLC	
HOURS TESTED 4	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL. —
			GAS—MCF. 212
			WATER—BBL. —
			GAS-OIL RATIO —
FLOW. TUBING PRESS. 75	CASING PRESSURE —	CALCULATED 24-HOUR RATE →	OIL—BBL. —
			GAS—MCF. 1275
			WATER—BBL. —
			OIL GRAVITY-API (CORR.) —
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented - Will be used for RECORD			
35. LIST OF ATTACHMENTS Deviation Survey			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <i>[Signature]</i>		TITLE Engineering Secretary	
U.S. GEOLOGICAL SURVEY		DATE 2-8-82	
* (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 35.

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: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORREL INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION TEST, TIME TOOL, OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				San Andres	578	
				Glorieta	1580	
				Fullerton	3004	
				Abo	3644	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other

2. NAME OF OPERATOR
Yates Petroleum Corporation

3. ADDRESS OF OPERATOR
207 S. 4th St., Artesia, NM 88210

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) 660' FSL & 1980' FWL, Sec. 33-5S-24E
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

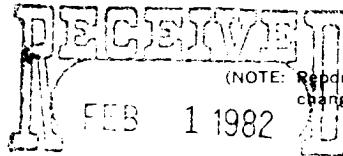
REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

(other) Production Casing

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐
☐
☐



(NOTE: Report results of multiple completion or zone change on Form 9-330.)

OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

TD 4225'. Ran 102 joints of 4-1/2" 9.5# K-55 casing set at 4225'.
1-regular pattern guide shoe set at 4225'. Insert flapper set at 4184'.
Cemented with 350 sacks 50/50 Poz with .6% CF-9 and .3% TF-4 and 3% KCL.
PD 5:00 PM 1-26-82. Bumped plug to 1000 psi, released pressure and float held okay. WOC.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Engineering Secty DATE 1-29-82

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL IF ANY
ROGER A. CHAPMAN

TITLE _____

DATE _____

FEB 16 1982

*See Instructions on Reverse Side

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NM OIL CONS. COMMS

SUBMIT IN TRIPLICATE
with instructions on re-
verse side

Artesia, NM 88210

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND NUMBER

NM 30391

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

FEB 24 1982

7. UNIT AGREEMENT NAME

O. C. D.

ARTESIA, OFFICE

8. FARM OR LEASE NAME

Grafa RW Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Und. Abo

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

Unit N, Sec. 33-T5S-R24E

12. COUNTY OR PARISH

Chaves

13. STATE

NM

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Yates Petroleum Corporation /

3. ADDRESS OF OPERATOR

207 South 4th St., Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

660' FSL & 1980' FWL, Sec. 33-5S-24E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4089.8' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

Spudded a 14-3/4" hole at 4:30 PM 1-10-82. Ran 23 joints of 10-3/4" 40.5# casing set at 910'. 1-Texas Pattern guide shoe at 910'. Insert float at 874'. Cemented w/500 sacks Pacsetter Lite, 1/4#/sack celloseal & 2% CaCl₂. Tailed in w/300 sacks Class "C" 2% CaCl₂. PD 7:05 PM 1-13-82. Bumped plug to 750 psi, released pressure & float held okay. Cement did not circulate. WOC 6 hours. Ran Temperature Survey & found top of cement at 450'. Ran 1". Tagged cement at 612'. Spotted 100 sacks of Thixolite. PD 1:30 AM 1-14-82. WOC 2 hours. Ran 1". Tagged cement at 612'. Spotted 100 sacks Class "C" 3% CaCl₂. PD 3:45 AM 1-14-82. WOC 1 hour. Ran 1". Tagged cement at 596'. Spotted 100 sacks Class "C" 3% CaCl₂. PD 4:00 AM 1-14-82. WOC 2 hours & 15 minutes. Ran 1". Tagged cement at 480'. Spotted 25 sacks Class "C" 3% CaCl₂. PD 6:35 AM 1-14-82. WOC 1 hour & 45 minutes. Ran 1". Tagged cement at 423'. Spotted 25 sacks Class "C". PD 8:30 AM 1-14-82. WOC 1 hour & 30 minutes. Ran 1". Tagged cement at 300'. Spotted 50 sacks Class "C". PD 10:20 AM 1-14-82. WOC 1 hours. Ran 1". Tagged cement at 212'. Spotted 100 sacks Thixolite. PD 11:30 AM 1-14-82. WOC 2 hours & 15 minutes. Ran 1". Tagged cement at 70'. Spotted 100 sacks Thixolite & 50 sacks Class "C". PD 2:05 PM 1-14-82. Cement to surface. WOC. Drilled out at 10:05 PM 1-14-82. WOC 27 hours. Nippled up & tested to 1000 psi, okay. Reduced hole to 7-7/8". Drilled plug & resumed drilling.

18. I hereby certify that the foregoing is true and correct

SIGNED ROGER A. CHAPMAN TITLE Engineering Secretary

(This space for Federal or State office use)

FEB 1 1982

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

*See Instructions on Reverse Side

RECEIVED
JAN 29 1982DATE 1-27-82
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO