

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 42-R355.5.

(See instructions on reverse side)

5. LEASE DESIGNATION AND RECEIVED

NM 9813

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
JAN 13 19827. UNIT AGREEMENT NAME
O. C. D.8. FARM OR LEASE NAME
ARTESIA, OFFICE
South Alkali LK Federal

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT
Pecos Slope -
Wildcat Abo11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA
K

Unit M, Sec. 11-6S-25E

12. COUNTY OR
PARISH
Chaves13. STATE
NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Otherb. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ 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)*

At surface 1980 FSL 1980 FWL, Sec. 11-T6S-R25E

At top prod. interval reported below

At total depth

14. PERMIT NO.

OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO12. COUNTY OR
PARISH
Chaves13. STATE
NM

15. DATE SPUDDED 12-10-81 16. DATE T.D. REACHED 12-21-81 17. DATE COMPL. (Ready to prod.) 1-8-82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3884' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4300' 21. PLUG, BACK T.D., MD & TVD 4241' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS 0-4300' CABLE TOOLS

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

3733-3829' Abo

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/FDC; DLL

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"		40'	24"	3 yds Ready Mix	
10-3/4"	40.5#	925'	14-3/4"	700	
4-1/2"	9.5#	4300'	7-7/8"	350	

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"	3820'	

31. PERFORATION RECORD (Interval, size and number)

3733-39' w/6 .50" holes
3821-29' w/9 .50" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3733-3829'	w/16500 g. 7 1/2% Spearhead acid. SF w/40000g. CO2, 80000# 20/40 sd.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
1-8-82		Flowing				SIWOPLC	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-8-82	2	3/4"	→	-	233	-	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
180	-	→	-	2796	-	-	

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

Vented - Will be sold

TEST WITNESSED BY

Bill Hansen

35. LIST OF ATTACHMENTS

Deviation Survey

ACCEPTED FOR RECORD
ROGER A. CHAPMAN

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

SIGNED

TITLE

JAN 12 1981
Engineering Secretary

DATE 1-11-82

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

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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 35, below regarding separate reports (drillers, geologists, sample and core analysis, all types electric, etc.), formations, intervals, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported to such interval. (See instruction for items 22 and 24 above.)

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 and/or State office. See instructions on items 22 and 24, and 35, below regarding separate reports (drillers, geologists, sample and core analysis, all types electric, etc.), formations, intervals, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported to such interval. (See instruction for items 22 and 24 above.)

Item 18: Indicate which well is completed for separate production from more than one 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. (See instruction for items 22 and 24 above.)

Item 29: "Sacks Cement": Attached supplemental records for this well should be separately produced. (See instruction for items 22 and 24 above.)

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.)

Item 35: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

Item 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

Item 38: GEOLOGIC MARKERS

Item 39: TOP MEAS. DEPTH TRUE VERT. DEPTH

Item 40: NAME

Item 41: San Andres

Item 42: Glorieta

Item 43: Abo

Item 44: 570

Item 45: 1612

Item 46: 3684

Item 47: 871-233

Item 48: U.S. GOVERNMENT PRINTING OFFICE: 1963-O-683636

Item 49: 837-497



LaRue Drilling Co., Inc.

PHONE: 505-746-4405

P. O. BOX 202

ARTESIA, NEW MEXICO 88210

RECEIVED

December 31, 1981

JAN 11 1982

Yates Petroleum Corporation
207 South Fourth Street
Artesia, NM 88210

O. C. O.
ARTESIA, OFFICE

RE: South Alkali "LK" Federal #3
1980' FSL & 1980' FWL
Sec. 11, T6S, R25E
Chaves County, New Mexico

Gentlemen:

The following is a Deviaton Survey for the above captioned well.

DEPTH	DEVIATION
440'	1/4°
925'	1/4°
1561'	1/4°
2288'	1/2°
2993'	1/2°
3570'	3/4°
3960'	3/4°
4300'	1°

Very truly yours,

B. N. Muncy Jr.
Secretary

STATE OF NEW MEXICO Ø
COUNTY OF EDDY Ø

The foregoing was acknowledged before me this 31st day of December, 1981.

