

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See In-
struct. on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

C/SF

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐				RECEIVED				5. LEASE DESIGNATION AND SERIAL NO. NM 9813	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐								6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Yates Petroleum Corporation ✓				JUN 4 1982		7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME South Alkali LK Federal	
3. ADDRESS OF OPERATOR 207 South 4th St., Artesia, NM 88210						9. WELL NO. 4		10. FIELD AND POOL, OR WILDCAT Pecos Slope Abo	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990 FNL & 1650 FWL, Sec. 11-T6S-R25E At top prod. interval reported below At total depth				14. PERMIT NO.		DATE ISSUED O. C. D. ARTESIA, OFFICE		12. COUNTY OR PARISH Chaves	
15. DATE SPUDDED 4-29-82		16. DATE T.D. REACHED 5-6-82		17. DATE COMPL. (Ready to prod.) 6-2-82		18. ELEVATIONS (DF, RKB, KT, GR, ETC.)* 3886.8' GR		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 4200'		21. PLUG, BACK T.D., MD & TVD 4118'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY → 0-4200'		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3719-3888' Abo	
25. WAS DIRECTIONAL SURVEY MADE No								26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/FDC; DLL	
27. WAS WELL CORED No								28. CASING RECORD (Report all strings set in well)	
Casing Size		Weight, lb./ft.		Depth Set (MD)		Hole Size		Cementing Record	
20"				30'		24"			
10-3/4"		40.5#		925'		14-3/4"		700	
4-1/2"		10.5#		4168'		7-7/8"		350	
29. LINER RECORD					30. TUBING RECORD				
Size	Top (MD)	Bottom (MD)	Sacks Cement*	Screen (MD)	Size	Depth Set (MD)	Packer Set (MD)		
					2-3/8"	3669'	3670'		
31. PERFORATION RECORDED (Interval, size and number) 3719-3888' w/26 .50" holes					32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.				
Depth Interval (MD)					Amount and Kind of Material Used				
3719-3888'					w/4000 g. 7 1/2% HCL acid & ball sealers. SF w/60000 g. gel KCL wtr, 100000# 20/40 sd.				
33. PRODUCTION									
Date First Production 6-2-82		Production Method (Flowing, gas lift, pumping—size and type of pump) Flowing					Well Status (Producing or shut-in) SIWOPLC		
Date of Test 6-2-82	Hours Tested 3	Choke Size 1 1/2"	Prod'n. for Test Period →	Oil—BBL. -	Gas—MCF. 417	Water—BBL. -	Gas-Oil Ratio -		
Flow. Tubing Press. 520	Casing Pressure Packer	Calculated 24-Hour Rate →	Oil—BBL. -	Gas—MCF. 3338	Water—BBL. -	Oil Gravity-API (CORR.) -			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented - Will be sold							TEST WITNESSED BY Larry Dade		
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					DATE 6-3-82				

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

Posted ID-2
6-11-82
comp + BK

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.

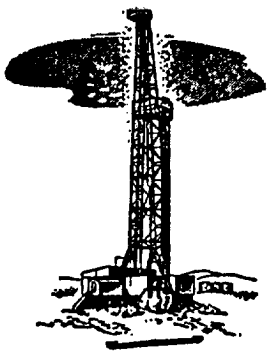
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal 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 POROUS ZONES:			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				San Andres Glorieta Abo	585 1615 3670	



LaRue Drilling Co., Inc. — Oil Well Drilling Contractors

P. O. BOX 202 ARTESIA, NEW MEXICO 88210

RECEIVED

JUN 4 1982

O. C. D.
ARTESIA, OFFICE

May 14, 1982

Yates Petroleum Corporation ✓
207 South Fourth Street
Artesia, NM 88210

RE: South Alkali LK Federal #4
990' FNL & 1650' FWL
Sec. 11, T6S, R25E
Chaves County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
500'	1/2°
927'	1/2°
1584'	1/2°
2000'	1/4°
2500'	1/4°
2940'	1/4°
3501'	1/2°
3885'	1/2°
4200'	1/2°

Very truly yours,

B. N. Muncy Jr.
Secretary

STATE OF NEW MEXICO
COUNTY OF EDDY

℥
℥

The foregoing was acknowledged before me this 14th
day of May, 1982.

