

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

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 <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 10458	
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 <input type="checkbox"/>		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 Duncan LH Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660 FSL & 1980 FWL, Sec. 3-T8S-R25E At top prod. interval reported below At total depth		9. WELL NO. 3	
14. PERMIT NO.		DATE ISSUED FEB 28 1983	
15. DATE SPUDDED 1-25-83		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3632.8' GR	
16. DATE T.D. REACHED 2-3-83		19. ELEV. CASINGHEAD	
17. DATE COMPL. (Ready to prod.) 2-18-83		20. TOTAL DEPTH, MD & TVD 4125'	
21. PLUG, BACK T.D., MD & TVD 4059'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY		ROTARY TOOLS 0-4125'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3768-3943' 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)			
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
10-3/4"	40.5#	790'	14-3/4"
4-1/2"	9.5#	4120'	7-7/8"
CEMENTING RECORD		AMOUNT PULLED	
650		Post 70-2	
675		4-22-83	
		Camp + BK	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	3735'	3735'	
31. PERFORATION RECORD (Interval, size and number) 3768-3943' w/22 .42" holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3768-3943'		w/2500g. 7 1/2% MOD 101 acid.	
		SF w/40000g. gel KCL wtr,	
		70000# 20/40 sd.	
33. PRODUCTION			
DATE FIRST PRODUCTION 2-18-83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) SIWOPLC			
DATE OF TEST 2-18-83	HOURS TESTED 3	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD —
FLOW. TUBING PRESS. 260	CASING PRESSURE Packer	CALCULATED 24-HOUR RATE —	OIL—BBL. —
GAS—MCF. 494		WATER—BBL. —	
OIL GRAVITY-API (CORR.) —		GAS—MCF. 3955	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented - Will be sold			
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 [Signature]		TITLE Production Supervisor	
MINERAL MANAGEMENT SERVICE ROSWELL, NEW MEXICO		TEST WITNESSED BY Bill Hansen	
MINERAL MANAGEMENT SERVICE ROSWELL, NEW MEXICO		(ORIG. SGD) DAVID R. GLASS	

* (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 FORMER ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED 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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				San Andres	346	
				Glorieta	1455	
				Abo	3591	

Duncan LH Fed. #3
Yates Petroleum Corporation ✓
Chaves County, NM

STATE OF NEW MEXICO
DEVIATION REPORT

RECEIVED

FEB 23 1983

O. C. D.
ARTESIA, OFFICE

408	1/4°
790	3/4
1270	3/4
1750	3/4
1931	3/4
2425	3/4
3066	1/2
3545	1/2
3835	1/2
4125	3/4

STATE OF TEXAS X


By: Ray Peterson

COUNTY OF MIDLAND X

The foregoing instrument was acknowledged before me this 9th day of February, 19 83, by Ray Peterson on behalf of Peterson Drilling Company.


Notary Public for Midland County,
Texas

My Commission expires: 7-15-85