

**DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

(See other instructions on  
reverse side)

C/SF

**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 19416	
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 JAN 2	
2. NAME OF OPERATOR Yates Petroleum Corporation		7. UNIT AGREEMENT NAME O. C. F.	
3. ADDRESS OF OPERATOR 207 South 4th St., Artesia, NM 88210		8. FARM OR LEASE NAME Langley RJ Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL & 660' FWL, Sec. 9-6S-25E  At top prod. interval reported below  At total depth		9. WELL NO. 2	
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL OR WILDCAT <u>Und. Abo</u> <i>Los Alamos</i>	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Unit M, Sec. 9-T6S-R25E		12. COUNTY OR PARISH Chaves	
13. STATE NM		15. DATE SPUNDED 12-22-81	
16. DATE T.D. REACHED 1-4-82		17. DATE COMPL. (Ready to prod.) 1-23-82	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4028.8' GR		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 4300'		21. PLUG, BACK T.D., MD & TVD 4061'	
22. IF MULTIPLE COMPL., HOW MANY* →		23. INTERVALS DRILLED BY →	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3722-3738' 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
8-5/8"	24#	882'	12-1/4"
4-1/2"	9.5#	4290'	7-7/8"
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
			SCREEN (MD)
			SIZE
			DEPTH SET (MD)
			PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number) 3722-29' w/8 .50" holes 3734-38' w/5 .50" holes		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 3722-38' AMOUNT AND KIND OF MATERIAL USED SF w/2000 g. 10% Spearhead acid, 40000 g. KCL wtr, CO2, 80000# 20/40 sd.	
33. PRODUCTION			
DATE FIRST PRODUCTION 1-23-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) SIWOPLC			
DATE OF TEST 1-23-82	HOURS TESTED 1-1/2	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →
OIL—BBL. -	GAS—MCF. 237	WATER—BBL. -	GAS-OIL RATIO -
FLOW. TUBING PRESS. 245	CASING PRESSURE -	CALCULATED 24-HOUR RATE →	OIL—BBL. -
GAS—MCF. 3788	WATER—BBL. -	OIL GRAVITY-API (CORR.) -	
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		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 1-25-82			

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

*Posted ID-2  
& Comp. Book  
SI  
2-5-82*

# 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: 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 PRESSURE, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				San Andres	554	
				Glorieta	1608	
				Fullerton	3036	
				Abo	3670	

RECEIVED

JAN 25 1982

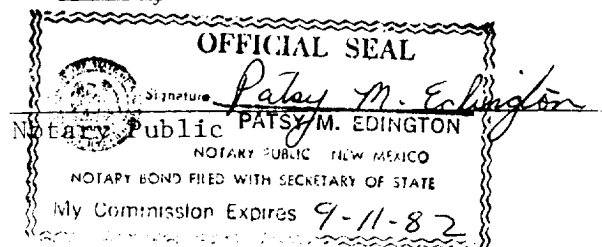
WELL NAME AND NUMBER Langley R. J. Federal #2O. C. D.  
ARTESIA OFFICELOCATION Section 9, T-6-S, R-25-E 660 FSL & 660 FWHOPERATOR Yates Petroleum Corporation

The undersigned hereby certifies that he/she is an authorized representative of Collier Drilling Corp. and that the following information as set forth by the drillers for Collier Drilling Corp. on their Survey of Directional Drilling is true and correct to the best of his/her information and belief.

<u>DISC NO.</u>	<u>DATE</u>	<u>DEPTH</u>	<u>DRIFT</u>	<u>DRILLER</u>
<u>1</u>	<u>12/24/81</u>	<u>509'</u>	<u>3/4°</u>	<u>Kevin Huseman</u>
<u>2</u>	<u>12/28/81</u>	<u>885'</u>	<u>1 1/4°</u>	<u>Gary Sutton</u>
<u>3</u>	<u>12/29/81</u>	<u>1399'</u>	<u>1°</u>	<u>R. D. Watkins</u>
<u>4</u>	<u>12/30/81</u>	<u>1904'</u>	<u>1°</u>	<u>Kevin Huseman</u>
<u>5</u>	<u>12/31/81</u>	<u>2604'</u>	<u>1°</u>	<u>Gary Sutton</u>
<u>6</u>	<u>12/31/81</u>	<u>3113'</u>	<u>1 1/4°</u>	<u>R. D. Watkins</u>
<u>7</u>	<u>1/01/82</u>	<u>3563</u>	<u>1°</u>	<u>Kevin Huseman</u>
<u>8</u>	<u>1/02/82</u>	<u>4130'</u>	<u>1°</u>	<u>Kevin Huseman</u>

By [Signature]  
Title President

Subscribed and sworn to before me this 20 day of January, 1982



My commission expires:

9-11-82