

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse 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. SF 078499A	
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 Lively Exploration Company				7. UNIT AGREEMENT NAME _____	
3. ADDRESS OF OPERATOR P. O. Box 234, Farmington, New Mexico 87401				8. FARM OR LEASE NAME Lively	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1480' FSL - 810' FEL At top prod. interval reported below At total depth				9. WELL NO. 11	
14. PERMIT NO. _____				10. FIELD AND POOL, OR WILDCAT Basin Dakota	
15. DATE SPUDDED 3-7-73				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 16, T28N, R8W	
16. DATE T.D. REACHED 3-16-73				12. COUNTY OR PARISH San Juan	
17. DATE COMPL. (Ready to prod.) 5-14-73				13. STATE N.M.	
18. ELEVATIONS (DF, RES, RT, GR, ETC.)* 5826' GR - 5838' RKB				19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 6751'		21. PLUG, BACK T.D., MD & TVD 6730'		22. IF MULTIPLE COMPL., HOW MANY* →	
23. INTERVALS DRILLED BY →				24. ROTARY TOOLS 0-6751'	
25. CABLE TOOLS				26. WAS DIRECTIONAL SURVEY MADE No	
27. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6533' - 6725' Dakota				28. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Induction and Densilog	
29. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32.30#	292' RKB	13-3/4"	200 sacks	None
7"	20#	2603' RKB	8-3/4"	525 cu. ft.	None
4-1/2"	10.5#	6751' RKB	6-1/4"	550 cu. ft.	None
30. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
31. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
1-1/4"	6690' RKB				
32. PERFORATION RECORD (Interval, size and number)					
6533-46', 6617-27', 6657-64', 6687-90', 6697-6706', 6720-25'. 2 jets/ft					
33. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
			See completion report for detailed frac information.		
34. PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)
		Flowing			
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
5-25-73	3	5/8"	→		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
1958 SI	2214 SI	→		3173 AOF	
35. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					
TEST WITNESSED BY					
36. LIST OF ATTACHMENTS					
None					
37. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
Original signed by T. A. Dugan					
SIGNED	Thomas A. Dugan	TITLE	Engineer	DATE	5-30-73

\*(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 report 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: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
38. GEOLOGIC MARKERS			
NAME		TOP	
		MEAS. DEPTH	TRUE VERT. DEPTH
<u>Log Tops</u>			
Cliff House		3912'	
Menefee		3998'	
Point Lookout		4467'	
Mancos		4660'	
Gallup		5682'	
Greenhorn		6420'	
Graneros		6485'	
Dakota		6532'	