

**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 ☒ GAS WELL ☐ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. NM 014023	
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 UNC Texas, Inc.				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 1311 Midland, TX 79702				8. FARM OR LEASE NAME Betty 'C' 31	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1650' FSL & 330' FWL Section 31				9. WELL NO. 6-42	
At top prod. interval reported below				10. FIELD AND POOL, OR WILDCAT Lybrook-Gallup	
At total depth Same				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 31-24N-7W	
14. PERMIT NO.				12. COUNTY OR PARISH Rio Arriba	
15. DATE SPUDDED 11-2-82				13. STATE New Mexico	
16. DATE T.D. REACHED 11-12-82		17. DATE COMPL. (Ready to prod.) 11-23-82		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6943 GR, 6955 KB	
19. ELEV. CASINGHEAD 6943		20. TOTAL DEPTH, MD & TVD 5717' MD & TVD		21. PLUG, BACK T.D., MD & TVD 5616 MD & TVD	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5345'-5573' (MV & TVD), Lybrook-Gallup	
25. WAS DIRECTIONAL SURVEY MADE Single shot		26. TYPE ELECTRIC AND OTHER LOGS RUN SP/DIL/SFL; GR/CNL/CDL; GR/CBL/VDL		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	AMOUNT PULLED
8 5/8"	23#	303' KB	12 1/4"	275 ft ³ 250 sx Class B + 2% CaCl ₂	
4 1/2"	10.5#	5703' KB	7 7/8"	See attached Cementing Record	
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"	5527' KB				
EUE					
31. PERFORATION RECORD (Interval, size and number) 5573, 69, 63, 61, 55, 38, 35, 33, 18, 16, 5464, 62, 60, 59, 57 5367, 65, 62, 47 & 45 (20 perforations - 0.375")					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
5345-5573		2000 gal. Fe + 500 scf/bbl N ₂ 86,800 gal. x-link gel + 37,200 gal. CO ₂ + 129,000 lbs. 20/40 + 48,000 lbs. 10/20			
33.* PRODUCTION					
DATE FIRST PRODUCTION 11-24-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 12-28-82	HOURS TESTED 24	CHOKE SIZE None	PROD'N. FOR TEST PERIOD →	OIL—BBL. 20	GAS—MCF. 50
WATER—BBL. 5	GAS-OIL RATIO 2500:1				
FLOW, TUBING PRESS. 60	CASING PRESSURE 60	CALCULATED 24-HOUR RATE →	OIL—BBL. 20	GAS—MCF. 50	WATER—BBL. 5
OIL GRAVITY-API (CORR.) 43.5					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold and used for fuel Hooked Up 11-23-82					TEST WITNESSED BY Joe Elledge
35. LIST OF ATTACHMENTS Cementing Record					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED Randall H. Hulme		TITLE Drilg. & Prod. Engr.			

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

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FARMINGTON DISTRICT

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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 PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Gallup	5302	5610	Gross sand interval, oil & gas	Ojo-Alamo	747	
				Kirtland-Fruitland	1387	
				Pictured Cliffs	1929	
				Lewis	2024	
				Chacra	2360	
				Cliff House	3400	
				Menefee	3505	
				Point Lookout	4261	
				Mancos	4450	
				Gallup	5302	

Betty 'C' 6-31
Cementing Report

Stage tool at 2082' KB
4½" casing shoe at 5703' KB

First Stage: ^{381 ft³} 280 sx Class B + 2% CaCl₂ + 8#/sx salt +
½#/sx Flocele + 6¼ #/sx Gilsonite
Top of cement by CBL - 4660' KB

Second ^(707 ft³)
Stage: Lead - 350 sx Halliburton Light + 10#/sx
Gilsonite + ½#/sx Flocele + 7.94 #/sx salt
Tail - 50' ^(59 ft³) sx Class B + 2% CaCl₂
Top of cement by CBL - 600' KB²
Top of Ojo-Alamo - 747'