

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions 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. RESEVR. ☐ 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. Drawer 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 660' FSL & 620' FWL of Section 31 At top prod. interval reported below At total depth		9. WELL NO. 4-31	
14. PERMIT NO.		12. COUNTY OR PARISH Rio Arriba	
DATE ISSUED		13. STATE N. M.	
15. DATE SPUDDED 11-19-81	16. DATE T.D. REACHED 11-28-81	17. DATE COMPL. (Ready to prod.) 1-21-82	18. ELEVATIONS (DF, R&B, RT, GR, ETC.)* 6964 KB
19. ELEV. CASINGHEAD 6951 KB		20. TOTAL DEPTH, MD & TVD 5714' MD KB	
21. PLUG, BACK T.D., MD & TVD 5637' MD KB		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →		ROTARY TOOLS All	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5343-5571 (MD & TVD), Lybrook-Gallup		25. WAS DIRECTIONAL SURVEY MADE Single Shot	
26. TYPE ELECTRIC AND OTHER LOGS RUN IEL; GR/CDL,CNL; 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
8 5/8"	23#	300' KB	12 1/4"
4 1/2"	10.5-11.6#	5714' KB	7 7/8"
CEMENTING RECORD		AMOUNT PULLED	
250sx Class 'B' + 2% CaC		2	
See Attached			
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"	5589'	None	
EUE			
31. PERFORATION RECORD (Interval, size and number)			
5343', 46, 63, 65, 5426, 30, 57, 59, 61, 63 65, 5517, 32, 34, 36, 58, 60, 67, 69 & 71 (20 perforations - 0.375")			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5343-5571		500 gal. 15% HCl	
5343-5571		1668 bbls. Mini-Max III - 40+	
		50 tons CO ₂ + 97,790# 20/40+	
		32,260# 10/20 sand	
33.* PRODUCTION			
DATE FIRST PRODUCTION 1-22-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping	
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 3-1-82	HOURS TESTED 24	CHOKE SIZE None	PROD'N. FOR TEST PERIOD →
OIL—BBL. 26	GAS—MCF. 137	WATER—BBL. 3	GAS-OIL RATIO 5269
FLOW. TUBING PRESS. 60	CASING PRESSURE 60	CALCULATED 24-HOUR RATE →	OIL GRAVITY-API (CORR.) 42
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold. Used for fuel. Hook-up 1/22/82		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 Drilling & Production Engr. DATE March 25, 1982	

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

NMOGG

FARMINGTON DISTRICT
BY *[Signature]*

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.), formations 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	5294	5600	Gross sand interval, oil & gas	Ojo Alamo Kirtland-Fruitland Pictured Cliff Cliff House Point Lookout Gallup	830 1380 1920 3452 4254 5294	

Betty 'C' 4-31

Cementing Report

Stage Tool @ 2216' KB

First Stage: Lead - 400 sx Class B 50/50 Poz + 2% Gel +
6½#/sx Gilsonite + 6#/sx Salt; Tail - 175 sx
Class B + 2% CaCl₂ + 8#/sx Salt + ½#/sx
Celloflake.

Second Stage: Lead - 350 sx Class B 65/35 Poz + 6% Gel +
6½#/sx Gilsonite; Tail - 100 sx Class B 50/50
Poz + 2% Gel + 6½#/sx Gilsonite + 6#/sx Salt.

Circ To Surf