

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-33027	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Bisti	
2. NAME OF OPERATOR Southern Union Exploration		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 2179 Farmington, NM 87499		8. FARM OR LEASE NAME South Bisti	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 660' FSL & 660' FEL At top prod. interval reported below Same At total depth Same		9. WELL NO. #1	
14. PERMIT NO. G. 2. GEOLOGICAL SURVEY		10. FIELD AND POOL, OR WILDCAT Lower Bisti Gallup	
15. DATE SPUDDED 5/17/83		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 3-25N-R13W NMPM	
16. DATE T.D. REACHED 5/21/83		12. COUNTY OR PARISH San Juan	
17. DATE COMPL. (Ready to prod.) 6/13/83		13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6303' KB		19. ELEV. CASING HEAD 6292'	
20. TOTAL DEPTH, MD & TVD 5050' 5044'		21. PLUG, BACK T.D., MD & TVD 5004'	
22. IF MULTIPLE COMPL., HOW MANY* -----		23. INTERVALS DRILLED BY ROTARY TOOLS 0'-5050'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Gallup 4937' to 4947'		25. WAS DIRECTIONAL YES	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray/Dual Spaced Neutron, Bond and Collar Log		27. WAS WELL LOGGED YES	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8"	32#	337'	12 1/4"
5 1/2"	15.5#	5044'	7 7/8"
CEMENTING RECORD			
See attachments			
AMOUNT PULLED			
DIST. 3			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
SCREEN (MD)			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 7/8"	4948'	4873'	
31. PERFORATION RECORD (Interval, size and number) 4937' to 4947' 2 shots per foot			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
None		None	
33.* PRODUCTION			
DATE FIRST PRODUCTION 6/13/83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 6/17/83	HOURS TESTED 24	CHOKE SIZE 20/64	PROD'N. FOR TEST PERIOD OIL—BBL. 304 GAS—MCF. 147 WATER—BBL. 0 OIL GRAVITY-API (CORR.) .484
FLOW. TUBING PRESS. 90#	CASING PRESSURE 0	CALCULATED 24-HOUR RATE OIL—BBL. 304 GAS—MCF. 147 WATER—BBL. 0	OIL GRAVITY-API (CORR.) 38
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented			
TEST WITNESSED BY C.R. Wagner			
35. LIST OF ATTACHMENTS Attachment #1; Item 28 Casing Cementing Record. Attachment #2; Deviation Record.			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Michael L. Davis		TITLE San Juan Division Manager	
DATE 6/20/83		DATE JUN 24 1983	

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

NMOCC

FARMINGTON DISTRICT
BY Sm

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:			38. GEOLOGIC MARKERS	
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	NAME	MEAS. DEPTH
				TRUE VERT. DEPTH
Fruitland	1240	1295	Shale, Coal: Water Sandstone: Water Shale: Sandstone, Shale, Coal: Water Shale: Shale: Water Sandstone: Oil & Gas	
Pictured Cliffs	1295	1385		
Lewis Shale	1385	2000		
Mesa Verde	2000	3895		
Mancos	3895	4738		
Gallup	4738	4947		
Tocito	4937			

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DIST. 3

ATTACHMENT #1.

ITEM 28: Casing Cementing Record.

8 5/8" csg: Cemented w/235 sks Class B cement w/2% CaCl and
1/4#/sk celloflake. 277 cu.ft. cement.

5 1/2" csg: 1st stage; cemented w/175 sks 50/50 poz, 2% gel,
7# salt. 236 cu.ft. cement.

2nd stage; cemented w/400 sks 65/35 poz w/10%
gel (~~800~~ cu.ft.) and 100 sks Class B neat (118 cu.ft.).

780

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