

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.5. LEASE DESIGNATION AND SERIAL NO.
14-20-603-50196. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Navajo Tocito9. WELL NO.
4

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA**10-T26N-R18W**12. COUNTY OR
PARISH
San Juan13. STATE
N. M.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____b. TYPE OF COMPLETION:
NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____2. NAME OF OPERATOR
Southern Gulf Production Co.3. ADDRESS OF OPERATOR
601 C & I Building, Houston, Texas 770024. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface **990 FWL & 1980 FSL**At top prod. interval reported below **Same**At total depth **Same**

14. PERMIT NO.

DATE ISSUED

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.15. DATE SPUDDED **10-30-68** 16. DATE T.D. REACHED **12-16-68** 17. DATE COMPL. (Ready to prod.) **12-30-68** 18. ELEVATIONS (DE, RKB, RT, GR, ETC.)* **5718 (D. F.)** 19. ELEV. CASINGHEAD **5705**20. TOTAL DEPTH, MD & TVD **6397** 21. PLUG, BACK T.D., MD & TVD **6396** 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
6382'-6392' Pennsylvania "E" 25. WAS DIRECTIONAL SURVEY MADE **Yes**26. TYPE ELECTRIC AND OTHER LOGS RUN
Induction Electrolog & Acoustilog-Gamma Ray 27. WAS WELL CORED **No**

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48.0	93	17-1/4	100 sxs	None
8-5/8	24.0	1674	11	480 sxs	None
4-1/2	9.50	0-5285	7-7/8	250 sxs	None
4-1/2	10.50	5285-6397	7-7/8		

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
		None			2 3/8"	6378	None

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
6382'-6392' 2 shts/ft		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
			None

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
None		Flowing				Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-13-69	4-1/2	25/64	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
2262 psig	2582 psig	→	191	6,864	0	62.9	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. ~~XXXXXXXXXXXX~~
Remarks: **Unable to obtain multipoint back pressure test due to limit on capacity of test unit.**
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED **W. J. Walsh** TITLE **President, Walsh Engineering & Production Corporation** DATE **1/17/69**

*(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 38, 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 (pages) 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Penn "E"	6354	6397	DST #1 6367-6397. ISIP-3089 psig IFD-1750 psig, FFP-3089 psig. FSIP-3089 psig, INH-3693 psig. FHH-3650 psig BHT-140° Gas to surface in 2 minutes Tool open 45" - gas volume 9,000 MCF/D. No recovery, reversed out.

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Dakota	777	
Brushy Basin	1142	
Rock Point	2710	
Petrified		
Forest	3135	
DeChelly	3758	
Hermosa	5520	
Penn A	5905	
Penn B	6024	
Penn C	6130	
Penn D	6198	
Penn E	6354	