

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-2842-A	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBAL NAME - - -	
2. NAME OF OPERATOR Coastal States Gas Producing Company				7. UNIT AGREEMENT NAME - - -	
3. ADDRESS OF OPERATOR Box 235, Midland, Texas 79701				8. FARM OR LEASE NAME Federal "20"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FNL and 660' FWL of Sec 20, T-13-S, R-33-E At top prod. interval reported below same as above At total depth same as above				9. WELL NO. 3	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Undesignated	
15. DATE SPUNDED 11-17-68 16. DATE T.D. REACHED 12-12-68 17. DATE COMPL. (Ready to prod.) 12-17-68 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4258.2' GL 19. ELEV. CASINGHEAD 4268.2'				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 20, T-13-S, R-33-E	
20. TOTAL DEPTH, MD & TVD 9915' 21. PLUG, BACK T.D., MD & TVD 9915' 22. IF MULTIPLE COMPL., HOW MANY* Single completion 23. INTERVALS DRILLED BY Rotary Tools Yes Cable Tools - - -				12. COUNTY OR PARISH Lea 13. STATE New Mexico	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 9777-82' (Penn)				25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction-Laterolog; Sidewall Neutron-Porosity and Microlog				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
13-3/8"	48#	362'	17-1/2"	400 sxs Class "H"	AMOUNT PULLED
8-5/8"	24# & 32#	4,080'	11"	400 sxs Class "C"	None
5-1/2"	15.5# & 17#	9,915'	7-7/8"	200 sxs Class "C"	None
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
None	- - -	- - -	- - -	- - -	
None	- - -	- - -	- - -	- - -	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2-3/8"	9477'	9414'			
31. PERFORATION RECORD (Interval, size and number) 9777-82' (2 - 1/2" JSPF)					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
9777-82'			250 gals 28%, 750 gals 15%, and 2000 gals 3% acid		
33. PRODUCTION					
DATE FIRST PRODUCTION 12-17-68		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
	24	18/64	→	287	210
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
350	- -	→	287	210	50
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Fuel - vented					TEST WITNESSED BY K. E. Oden
35. LIST OF ATTACHMENTS (2) Sidewall Neutron Porosity Log					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>J. R. Havens</u>		TITLE <u>Div. Prod. Supt.</u>		DATE <u>December 20, 1968</u>	

*(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 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
Surface sand	0	350	Barren	Anhydrite	1654	Same
Red Beds	350	1654	Barren	Yates	2556	Same
Anhy. & salt	1654	2556	Barren	Queen	3450	Same
Sand & shale	2556	3983	Water	San Andres	3983	Same
Dol. Sd. & Shale	3983	8958	Sulphur water	Wolfcamp	8958	Same
Shale & Lime	8958	9723	Salt Water	Bough "C" (Penn)	9723	Same
Lime	9723	TD	Oil and water			
DST No. 1: 9635-9742' Open 1-1/2 hours. GTS in 65 minutes, volume TSTM. Reversed out 950' OCM. IF - 2620; 60 min ISIP - 2936, FF - 2620, 90 min FSIP - 3094. Top1 plugged.						
DST No. 2: 9744-9853' Tool open 1 hour 35 minutes. GTS in 6 minutes. Fluid in 38 minutes, oil in 41 minutes. Flowed 16 barrels of fluid in 30 minutes. Reversed out 53 barrels of fluid, 90% oil, 10% water. IFP - 1460, FFP - 2615, 60 min ISIP - 2700, 90 min FSIP - 2700.						