

UNITED STATES

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 42-R355.5.

NM0000 - ARTESIA

NM0000 - 00000

DEPT.

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See other
instructions on
reverse side)

WELL COMPLETION OR COMPLETION 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 Shell Oil Company (Western Division)					
3. ADDRESS OF OPERATOR P. O. Box 1509, Midland, Texas 79701					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL & 1980' FEL, Sec. 33, T-8-S, R-30-E, NMPM Chaves County, New Mexico At top prod. interval reported below 3422' At total depth 3590'					
14. PERMIT NO.		DATE ISSUED			
5. LEASE DESIGNATION AND SERIAL NO. NM-0155254A		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -			
7. UNIT AGREEMENT NAME -		8. FARM OR LEASE NAME Amco Federal			
9. WELL NO. 11		10. FIELD AND POOL, OR WILDCAT Cato (San Andres)			
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 33, T-8-S, R-30-E NMPM		12. COUNTY OR PARISH Chaves		13. STATE New Mexico	

15. DATE SPUDDED 1-19-68	16. DATE T.D. REACHED 1-26-68	17. DATE COMPL. (Ready to prod.) 1-28-68	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4144' GR	19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 3590'	21. PLUG, BACK T.D., MD & TVD 3553'	22. MULTIPLE COMPL. INTERVALS DRILLED BY ROTARY TOOLS 0-3590'	CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3422'-3488' (San Andres)				25. WAS DIRECTIONAL SURVEY MADE Yes
26. TYPE ELECTRIC AND OTHER LOGS RUN (Schlumberger) LL, SNP				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"	24#	264'	12 1/4"	200	-
4 1/2"	10.5#	3586'	7 7/8"	400	-

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2"	3308'	3308'

31. PERFORATION RECORD (Interval, size and number) 3422', 3426', 3436', 3438', 3448', 3452', 3453', 3458', 3465', 3471', 3473', 3475', 3479', 3481', 3485', 3488' (16 holes) 1-1/2" JS/ft.		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 3422-3488 AMOUNT AND KIND OF MATERIAL USED 5000 gal. 28% HCL + 2 gal/1000 J-4, 1/2 gal/1000 J-20, & 2 gals./1000 C-15.	
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33.* PRODUCTION							
DATE FIRST PRODUCTION 1-28-68		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 1-28-68	HOURS TESTED 8 1/2	CHOKE SIZE 18/64"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 158	GAS—MCF. 49	WATER—BBL. 14	GAS-OIL RATIO 310
FLOW. TUBING PRESS. 180	CASING PRESSURE -	CALCULATED 24-HOUR RATE →	OIL—BBL. 446	GAS—MCF. 138	WATER—BBL. 14	OIL GRAVITY-API (CORR.) 23.9	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented						TEST WITNESSED BY	

35. LIST OF ATTACHMENTS Deviation, logs	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records Original Signed By SIGNED J. D. DUREN J. D. Duren TITLE Staff Petrophysical Engineer DATE January 30, 1968	

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

J. N. Luthar

J.

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 (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				TOP	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH
San Andres	3420	3496	Hydrocarbon bearing	Base Red Beds	1034'
San Andres	3504	3550	Hydrocarbon & water bearing	Yates	1552'
				San Andres	2716'
				San Andres Mr.	3266'
				Slaughter	
				A Zone	3418'
				A ₂ Zone	3441'
				A ₃ Zone	3476'
				B-C Zone	3503'
					3120'
					2602'
					1438'
					886'
					736'
					713'
					678'
					651'