

NMOC - ARTESIA
NMOC - EL PASO
DIN - SANTA FEUNITED 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 ☐		
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 660' FNL & 1980' FNL, Sec. 4, T-9-S, R-30-E, NMPM, Chaves County, New Mexico At top prod. interval reported below Same At total depth Same							
14. PERMIT NO.		DATE ISSUED					
-		-					
5. LEASE DESIGNATION AND SERIAL NO.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME					
NM 0155254A		-					
7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME					
-		Amco A Federal					
9. WELL NO.		10. FIELD AND POOL, OR WILDCAT					
5		Cato (San Andres)					
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA		12. COUNTY OR PARISH					
Sec. 4, T-9-S, R-30-E, NMPM		Chaves					
13. STATE		19. ELEV. CASINGHEAD					
New Mexico		-					
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	
1-25-68		1-30-68		2-3-68		4107' DF	
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
3542'		3513'		-		0-3542'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*							25. WAS DIRECTIONAL SURVEY MADE
3388'-3449' San Andres							Yes
26. TYPE ELECTRIC AND OTHER LOGS RUN							27. WAS WELL CORED
(Schlumberger) LL/SNP							No
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8 5/8"		24#		263'		12 1/4"	
4 1/2"		10.5#		3540'		7 7/8"	
29. LINER RECORD				30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
3388', 3397', 3400', 3406', 3415', 3420', 3425', 3438', 3440', 3443', 3447', 3449'				DEPTH INTERVAL (MD)			
1 - 1/2" JS				3388'-3449'			
				AMOUNT AND KIND OF MATERIAL USED			
				6000 gallons 28% HCL			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2-3-68		flowing				Producing	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
2-3-68		6 1/2		12/64"		76	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.	
200		-		288		89	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		OIL—BBL.		GAS—MCF.		WATER—BBL.	
Vented		288		89		-	
35. LIST OF ATTACHMENTS		OIL GRAVITY-API (CORR.)		TEST WITNESSED BY		DATE	
log & deviation record		23.1 1968		FEB 6 1968		February 6, 1968	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		SIGNED		J.D. Duren		TITLE	
Original Signed By		J.D. Duren		Staff Petrophysical Engineer		DATE	

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

District Engineer

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		DESCRIPTION, CONTENTS, ETC.		NAME	
FORMATION	TOP	BOTTOM		MEAS. DEPTH	TRUE VERT. DEPTH
San Andres	3387'	3455'	Hydrocarbon bearing	967'	3140'
San Andres	3455'	3479'	Hydrocarbon water bearing	1516'	2591'
				2675'	1432'
				3230'	877'
				3380'	727'
				3465'	642'

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR Shell Oil Company ADDRESS P. O. Box 1509, Midland, Texas 79701
FIELD Cato-San Andres LEASE Amco Federal "A" WELL NO. 5
LOCATION 1980' FEL & 660' FNL of Section 4, T-9-S, R-30-E, Chaves County, New Mexico

DEVIATION RECORD

263'	1°
800	3/4
1301	3/4
1773	3/4
2237	1 1/4
2737	1 1/4
2911	1
3226	1 1/4
3542	1 1/2

Certification of personal knowledge of Deviation Record:

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information is true and complete.

Jimmy R. Morris
Signature
ARD DRILLING COMPANY
Company

STATE OF TEXAS
COUNTY OF MIDLAND