

UNITED STATES

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 42-R355.5.10000 - ANTESIA
10000 - 10000
BLM - SANTA FEDEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See other in-
structions on
reverse side)RECEIVED
AUG 21 1967

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. ☐
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' FSL and 660' FWL, Section 27, T-8-S, R-30-E, NMPM Survey, Chaves County, New Mexico At top prod. interval reported below Same At total depth Same						
14. PERMIT NO.		DATE ISSUED				
15. DATE SPUDDED 8-4-67		16. DATE T.D. REACHED 8-12-67		17. DATE COMPL. (Ready to prod.) 8-15-67		
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4167' DF		19. ELEV. CASINGHEAD				
20. TOTAL DEPTH, MD & TVD 3700'		21. PLUG, BACK T.D., MD & TVD 3664'		22. IF MULTIPLE COMPL., HOW MANY*		
23. INTERVALS DRILLED BY ROTARY TOOLS 0-3700'		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3476', 3480', 3484', 3488', 3491', 3500', 3505', 3509', 3513', 3516', and 3528' (11 holes).				
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Densilog, Gr/Neutron, Focus, Mini-Focus				
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)				
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		
9 5/8"		33#		458'		
5 1/2"		15.5# & 17#		3700'		
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED		
12 1/4"		250 sacks		---		
7 5/8"		350 sacks		---		
29. LINER RECORD		30. TUBING RECORD		31. PERFORATION RECORD (Interval, size and number)		
SIZE		DEPTH SET (MD)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
TOP (MD)		PACKER SET (MD)		DEPTH INTERVAL (MD)		
BOTTOM (MD)		3360'		AMOUNT AND KIND OF MATERIAL USED		
SACKS CEMENT*		3360'		3700'		
SCREEN (MD)		3360'		300 gallons 15% HCL		
5000 gallons 28% SA-4 using ball sealers		3360'		5000 gallons 28% SA-4 using ball sealers		
33.* PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		35. LIST OF ATTACHMENTS		
DATE FIRST PRODUCTION 8-15-67		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Producing		
DATE OF TEST 8-16-67		HOURS TESTED 10		CHOKE SIZE 1"		
FLOW. TUBING PRESS. 65 psi		CASING PRESSURE ---		CALCULATED 24-HOUR RATE 168		
OIL—BBL. 63		GAS—MCF. 52		WATER—BBL. 3%		
OIL GRAVITY-API (CORR.) 23.9°		OIL GRAVITY-API (CORR.) 23.9°		TEST WITNESSED BY Johnny Miller		
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 Staff Petrophysical Engineer		
DATE August 18, 1967		37. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		38. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		

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

ACCEPTED FOR RECORD

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 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
San Andres	3470'	3545'	Base of Red Beds Yates San Andres San Andres Marker "A" Zone "B-C" Zone	1060'
	3545'	3595'		1605'
				2770'
				3314'
				3468'
				3547'
				(+3107')
				(+2563')
				(+1460')
				(+ 853')
				(+ 699')
				(+ 620')

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR SHELL OIL COMPANY ADDRESS P. O. Box 1509, Midland, Texas
 FIELD Cato (SA) LEASE Hodges Federal "A" WELL NO. 2
 LOCATION 1980' FNL & FWL Section 27-8-30, Chaves County, New Mexico

DEVIATION RECORD			
Depth (feet)	Angle of Inclination (degrees)	Displacement (feet)	Accumulative Displacement (feet)
458	3/4	6.00	6.00
950	3/4	6.44	12.44
1,450	1	8.75	21.19
1,950	1	8.75	29.94
2,204	1	4.44	34.38
2,680	3/4	6.23	40.61
3,102	1/2	3.67	44.28
3,420	1/2	2.77	47.05
3,670	1/2	2.18	49.23

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.

Larry Trubert
Signature

VERNA DRILLING COMPANY

Company

STATE OF TEXAS
COUNTY OF MIDLAND

Before me, the undersigned authority, on this day personally appeared _____, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is acting at the direction and on behalf of the operator of the well identified in this instrument and that such well was not intentionally deviated from the vertical.

W. M. Shuler
Signature

Regional Division Production Manager
Title

Sworn and Subscribed to before me, this the 18th day of August, 19 47

Louis Lopez
Notary Public in and for Midland County,
Texas