

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

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 Water Injection		5. LEASE DESIGNATION AND SERIAL NO. NM-0162	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other Re-entry		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Shell Oil Company (Western Division)		7. UNIT AGREEMENT NAME North Square Lake Premier Unit	
3. ADDRESS OF OPERATOR P. O. Box 1509, Midland, Texas 79701		8. FARM OR LEASE NAME North Square Lake Premier Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' F&L & 1980' F&L (Unit V), Section 5, T-16-S, R-31-E, NMPS Survey, Eddy County, New Mexico At top prod. interval reported below same At total depth same		9. WELL NO. 17	
14. PERMIT NO.		DATE ISSUED	
15. DATE STARTED 7-15-66		16. DATE T.D. REACHED 7-15-66	
17. DATE COMPL. (Ready to prod.) 7-19-66		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4053' DF	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 3550'	
21. PLUG, BACK T.D., MD & TVD 3495'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY		ROTARY TOOLS 0-3550'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3355'-3360' Premier Sand (Water Injection)		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/G, LL, ML		27. WAS WELL CORED Yes	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
7 5/8"	24#	202'	9 7/8"
4 1/2"	9.5# & 11.6#	3549'	6 3/4"
CEMENTING RECORD			
AMOUNT PULLED			
300 SA			
400 SA			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
SCREEN (MD)			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	TUBING SET (MD)	
2"	3323'	3323'	
31. PERFORATION RECORD (Interval, size and number)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3355'-3360'		20,000 gallons fresh water	
		600# J-140 Resili-Free +	
		20,000# 20-40 mesh sand.	
33.* PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
		RECEIVED	
WELL STATUS (Producing or shut-in)			
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD
OIL—BBL.		GAS—MCF.	
WATER—BBL.		GAS-OIL RATIO	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.
GAS—MCF.		WATER—BBL.	
OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
35. LIST OF ATTACHMENTS			
36. 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)

Well originally drilled as Shell-Trigg Federal #4 and was Plugged and Abandoned
January 2, 1962.Original Signed By **N. W. Harrison** TITLE **Senior Exploitation Engineer** DATE **August 8, 1966**

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
Dolomite	3342'	3396'	54' Grayburd Premier Sand. No pay.	Base Red Bed	764'	(+3289')
Dolomite	3452'	3516'	64' San Andres & Livingston Sand. 2' possible poor pay.	Yates Seven Rivers Queen Grayburd Premier San Andres Livingston Sand	1892' 2101' 2652' 3008' 3345' 3406' 3496'	(+2201') (+1992') (+1401') (+1009') (+708') (647') (+557')