

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 *

5. LEASE DESIGNATION AND SERIAL NO.

LC-071986

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal "O"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 14, T25S, R32E

12. COUNTY OR
PARISH

Lea

13. STATE

New Mex.

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

JOSEPH I. O'NEILL, JR.

3. ADDRESS OF OPERATOR

410 West Ohio, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 660' PSL and 660' FEL of Section 14, T25S, R32E

At top prod. interval reported below same

At total depth same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED May 24, '67 16. DATE T.D. REACHED June 1, '67 17. DATE COMPL. (Ready to prod.) June 12, '67 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3434.3' GR 3445.3' DF 19. ELEV. CASINGHEAD 3434.3'

20. TOTAL DEPTH, MD & TVD 4904' RDB 21. PLUG BACK T.D., MD & TVD 4897' RDB 22. IF MULTIPLE COMPL., HOW MANY none 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4851 - 4855' Olds section of Delaware Sand 25. WAS DIRECTIONAL SURVEY MADE Driller's Totco

26. TYPE ELECTRIC AND OTHER LOGS RUN

Sonic Log - Gamma Ray and Laterolog

27. WAS WELL CORED

Yes

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#	373.11'	12 1/2"	180 sx - cmt circ'd	none
4 1/2"	11.6#	4904.64'	7 7/8"	200 sx 50-50 posmix	none

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
none					2 3/8"	4832'	

31. PERFORATION RECORD (Interval, size and number)

4854' jetted 2 horizontal holes, sand jetted 4851', 4852', 4853', 4855' 2 jets per ft. Schj.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD) 4851-55' AMOUNT AND KIND OF MATERIAL USED 200 gals MA, 1,000 gals refined oil & 1,000# 20-40 sand

33.* PRODUCTION

DATE FIRST PRODUCTION June 12, 1967		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing and swabbing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST June 12, '67	HOURS TESTED 24	CHOKE SIZE 2"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 85	GAS—MCF. TSTM	WATER—BBL. 55	GAS-OIL RATIO
FLOW. TUBING PRESS. 100#	CASING PRESSURE 180#	CALCULATED 24-HOUR RATE →	OIL—BBL. 85	GAS—MCF. TSTM	WATER—BBL. 55	OIL GRAVITY-API (CORR.) 42°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) If sufficient volume, plan to sell to one of two local outlets.

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Sonic Log - Gamma Ray and Laterolog

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Production Superintendent

DATE

June 14, 1967

*(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Lamar Lime	4772	4798	Black lime	Lamar Lime	4772'	
Ramsey sec of Delaware Sand - Bell Canyon	4814	4838	Dense shaley sand, no show	Ramsey Sand	4814'	
Ford Shale	4838	4850	Dark sandy shale	Ford Shale	4838'	
Olds section of Delaware Sand - Bell Canyon	4850		Still in sand at TD 4904'	Olds	4850'	
			Good quality sand w/commercial oil-water saturations to 4860'			
			Good quality sand w/questionable oil-water saturations - ratios to 4872'			
			Poor quality sand, water bearing to 4890'			
			Dense sand 4890-4904'			
Core #1 - 4814' - 4868' -			Sample description: 4814-17 1/2' barren sd, no show; 4817 1/2 - 30' shaley sd, scattered show; 4830-39' barren shaley sd, no show; 4839-49 1/2' shaley sd, no show; 4849 1/2 - 55' fair to good sd, gd show; 4855-59' shaley sd, scattered show; 4859-61' fair to good sd, good show; 4861-62' shaley sd, no show; 4862-67' fair to good sd w/show; 4867-68' dns sd, no show.			

(see additional core and DST on attachment)

INDERS OFFICE O.C.C.

Attachment to Form 9-330

JUN 20 11 02 AM '67

Joseph I. O'Neill, Jr. Federal "O" No. 1, Lea County, New Mexico

Core #2, 4868-4904' - cut 36' - recovered chip of bottom of core.

Bottom 13' of core lost in hole. Top 3' good clean sand w/show of oil. Remainder of core, including bottom chip recovered, good clean sand, no show.

DST #1, 4815-4868' - Open 5 min, SI 30 min for ISI. Open 1 hr and 25 min. GTS in 4 min. Burned 3' flare thruout test.

Rec'd 70' very heavily oil-cut mud, 420' gas-cut oil, 120' oil, 150' drlg fluid. Hydro in and out 2528#, 30 min ISI 2007#, IF 100#, FF 341#, 30-min FSI 1895# and building.

10.11.11
12.11.11

1. The first part of the report is a general introduction to the project.

2. The second part of the report is a detailed description of the work done on the project.

3. The third part of the report is a discussion of the results of the work done on the project.