Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

RECEIVED
JUL 17 1981
OIL CON. COM.
DIST. 3

RECEIVED
JUL 14 1981
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

5. LEASE DESIGNATION AND SERIAL NO.: NM-09867-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

7. UNIT AGREEMENT NAME:

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

8. FARM OR LEASE NAME: LUNT

2. NAME OF OPERATOR: WILLIAM C. RUSSELL

9. WELL NO.: 62-E

3. ADDRESS OF OPERATOR: 745 Fifth Avenue, New York, N. Y. 10022

10. FIELD AND POOL, OR WILDCAT: Basin Dakota

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 1190 FSL - 1520 FEL
At top prod. interval reported below: same
At total depth: same

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: 18 T30N-R13W

14. PERMIT NO. — DATE ISSUED

12. COUNTY OR PARISH: San Juan | 13. STATE: N M

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
5-14-81	5-31-81	6-16-81	5740 GR	5745

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
6430	6365	single	→	rotary	--

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 6154-6288 Graneros Dakota, Zone "A" Dakota

25. WAS DIRECTIONAL SURVEY MADE: yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: Gamma Ray - Neutron

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	304	12 ¼	250 circulated	- -
4 ½	11.6	6418	7 7/8	200 shoe	
"DV" tool at 4510 malfunctioned					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
none				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	6150 (3 3/4 bit &sub)	

31. PERFORATION RECORD (*Interval, size and number*)
6154-6160 = 6' two per) 2nd stage
6170-6176 = 6' two per) 56 holes
6218-6234 =16' two per) 24 balls
Plug 6242 6248-6288 = 40' &40 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6248-88	HCL - 750 gals
	60,000# 20-40 sand 86,710 gals water
6154-6234	HCL - 750 gals
	144,000# 20-40 sand-161,900 water

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
		shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-24-81	3	3/4					

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
321	1812			8,167		

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): vented

TEST WITNESSED BY: Dintelman

35. LIST OF ATTACHMENTS: Statement "A" & Hole Deviation affidavit

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

SIGNED William C. Russell TITLE Operator DATE 6-30-81

ACCEPTED FOR RECORD

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

JUL 16 1981

NMOCC

FARMINGTON DISTRICT
BY

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.
Ojo Alamo	370	890	water sand
Fruitland	1240	1250	gas "
Pictured Cliff	1560	1690	gas "
Chacra	3150	3290	gas "
Mesa Verde	3820	4325	gas "
Greenhorn	6040	6100	? ?
Dakota	6154	6365	gas sand

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH

U.S. GOVERNMENT PRINTING OFFICE : 1963 O-683636
837-497

"A"

STATEMENT

RUSSELL #62-E LUNT

Operator, William C. Russell, placed 200 sacks neat cement through casing shoe at 6418' and ran a 4½" Halliburton "DV" tool at 4510' (below Mesa Verde) having 1,000 sacks Halliburton light cement, 12½# gilsonite, on location when DV tool failed to open. Under Halliburtons instructions, Operator ran 2 3/8" tubing to push tool open, which was done and well circulated freely to surface until tubing was "picked-up" at which time tool closed, permanently. After testing to 4,000# it was decided to drill tool; log, perforate and frac. This was done, casing having been tested to 4,000# once tool was drilled. Frac job was two staged and Operator ran bit to drill plug and clean out. Well came in. After clean-up, unable to kill well with water.

Operator consulted with Mr. Ed Schmidt (USGS) and Mr. Charles Golson (Oil Commission); both agreed that, rather than risk formation damage with mud and loss circulation material, it would be best to produce well continuously for six months in order to reduce pressure before attempting to pull tubing, set plug, perforate and circulate cement to surface. Due to corrosive down hole conditions, in this area, and resulting casing failure, Operator is anxious to circulate cement from 4500' to surface as soon as possible; that is, if in Operators opinion, pressure is sufficiently reduced during a lesser period than six months, then Operator will proceed to circulate cement to surface, at such earlier date.

William C. Russell, Operator

6-30-81