

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

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other AUG 13 1964

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ U.S. GEOLOGICAL SURVEY

2. NAME OF OPERATOR

Zoller and DannebergDURANGO, COLO.

3. ADDRESS OF OPERATOR

219 Patterson Building - Denver, Colorado 80202

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

At surface **690' PSL x 820' PSL Sec. 23-31N-16W, NMPM**At top prod. interval reported below **Approx. Same**At total depth **Approx. Same**

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

7-15-64

16. DATE T.D. REACHED

7-18-64

17. DATE COMPL. (Ready to prod.)

8-9-64

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

5538' GL

19. ELEV. CASINGHEAD

5538'

20. TOTAL DEPTH, MD & TVD

1736'

21. PLUG, BACK T.D., MD & TVD

1714'22. IF MULTIPLE COMPL.,
HOW MANY***- - -**23. INTERVALS
DRILLED BY**→**

ROTARY TOOLS

2

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

1526' - 1532' (Upper Gallup Sand)25. WAS DIRECTIONAL
SURVEY MADE**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-Induction and Density w/caliper

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
7"	20#	30'	8-X"	5 sax
4-1/2"	9.5# J-55	1706.84'	6-X"	50 sax

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	1546.75'	-

31. PERFORATION RECORD (Interval, size and number)

1526-1532' w/4 shots per foot

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1526-1532'	250 Gal. Acid
	25,000# Sand
	25,800 Gal. Oil

33.* PRODUCTION

DATE FIRST PRODUCTION

8-9-64

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Pumping - 1-1/2" Insert Type Pump

WELL STATUS (Producing or shut-in)

Producing

DATE OF TEST

8-9-64

HOURS TESTED

24

CHOKE SIZE

nonePROD'N. FOR
TEST PERIOD**→**

OIL—BBL.

61

WATER—MCF.

Not measured

GAS—BBL.

none

GAS-OIL RATIO

- -

FLOW, TUBING PRESS.

0

CASING PRESSURE

250#CALCULATED
24-HOUR RATE**→**

OIL—BBL.

61

GAS—MCF.

- -

WATER—BBL.

0

OIL GRAVITY-API (CORR.)

38°

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

Flaring

TEST WITNESSED BY

Thomas A. Dugan, Eng.

35. LIST OF ATTACHMENTS

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

SIGNED

John F. Mitchell

TITLE

Agent

DATE

8-12-64**John F. Mitchell - P. O. Box 3348 - Durango, Colorado**

*(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			38. GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
<i>Bluff</i> Horseshoe	1520'		Porous Interval 1526' - 1532'				
Tocito	1625'						
Sanostee	1670'						
TD		1736'					