

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 _____

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEPENING ☒ DIFF. RESVR. ☐ Other _____ Helium & other inert gases

2. NAME OF OPERATOR
S.E.R.H., Inc. BUREAU OF LAND MANAGEMENT

3. ADDRESS OF OPERATOR
FARMINGTON RESOURCE AREA
c/o A. R. Kendrick, Box 516, Aztec, N.M. 87410

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface
At top prod. interval reported below 660' fsl 2150' fsl Sec. 32
At total depth

14. PERMIT NO. ? DATE ISSUED SEP 2 4 1986 OIL CON. DIV. DIST. 3

5. LEASE DESIGNATION AND SERIAL NO.
NOO-C-14-20-4158

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Navajo 32

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT
Big Gap Organ Rock

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
0-32-T27N-R19W

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

15. DATE SPUDDED 10/24/76 16. DATE T.D. REACHED ? 17. DATE COMPL. (Ready to prod.) Rework 9/18/86 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5868' Gr. 5880 KB 19. ELEV. CASINGHEAD 5870'

20. TOTAL DEPTH, MD & TVD 6285' 21. PLUG, BACK T.D., MD & TVD PB=3872' on Rework 22. IF MULTIPLE COMPL., HOW MANY* 1 23. INTERVALS DRILLED BY → All 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Organ Rock 3698' to 3800' - 102' Gross & 43' Net 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Blue Jet CBL on Workover

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
13-3/8"	?	87'	17-1/4"	Circulated ?	0
8-5/8"	24	1440'	12-1/4"	550 sx.	0
4-1/2"	10.5	6285'	7-7/8"	250 sx.	0

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"	3777'	None

31. PERFORATION RECORD (Interval, size and number)
Squeeze holes - 3 (0.38") @3645'
- 2 (0.38") @3955'
Organ Rock Producing Interval
55' (0.38" jets) 3698'-3718' = 21;
3724'-28' = 6; 3746'-48' = 3; 3753'-58' = 8;
3762'-68' = 9; 3785'-88' = 4; 3797'-3800' = 4.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3645'	Squeeze w/100 sx. (1.18 cft)
3955'	Squeeze w/100 sx. (1.18 cft)
3645'	Resqueeze w/50 sx. (59 cft)
3698'-3800'	Acidize w/2000 gal 5% Hcl & 2000 gal. MSA w/500 cft/bbl N ₂

33. PRODUCTION

DATE FIRST PRODUCTION ? 1986 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flow 33-187 on Rework WELL STATUS (Producing or shut-in) SI for approval to sell.

DATE OF TEST 9/18/86 CHOKED SIZE open PROD'N. FOR TEST PERIOD → 0 OIL—BBL. 0 GAS—MCF. 37.5 WATER—BBL. trace GAS-OIL RATIO

TO FURNISH 3 hrs. FLOW. TUBING PRESS. open CASING PRESSURE 40 psig. CALCULATED 24-HOUR RATE → 0 OIL—BBL. 0 GAS—MCF. 300 WATER—BBL. Trace OIL GRAVITY-API (CORR.) -

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Vented on clean-up. To be sold to Navajo Refined Helium.

35. LIST OF ATTACHMENTS
None Will test into sales line and provide

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

SIGNED John M. Heller TITLE Consultant DATE SEP 22 1986

FARMINGTON RESOURCE AREA

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

NMOCC

INSTRUCTIONS

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, 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 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 instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

When this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formations, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments to this form, see item 33.

When no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State for specific instructions.

When specific instructions are given for depth measurements given in other spaces on this form and in any attachments, which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. 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 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 interval to be separately produced, showing the additional data pertinent to such interval.

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33. 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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Organ Rock	3662'	4107'	Flowing Helium and other inert gasses on completion of this workover.	Furnished on filing.	Initial Well Completion	