

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NEW OIL & GAS COMMISSION
SUBMITTED IN DUPLICATE
DRAWER 01
Artesia (Other Instructions on Reverse Side)

Form approved.
Budget Bureau No. 42-R355.6

45F

LEASE DESIGNATION AND SERIAL NO.

NM-29610

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other None

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other Oil & Gas

2. NAME OF OPERATOR
SANDERS PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR
11000-D Spain Rd. N.E., Albuquerque, N.M.

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

14. PERMIT NO. O. C. D. DATE ISSUED ARTESIA, OFFICE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Huggins Draw

9. WELL NO.
#2

10. FIELD AND POOL OR WILDCAT
Pecos Block
Undesignated Abo

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
1/4 Sec. 31, T5S, R24E

12. COUNTY OR PARISH
Chaves

13. STATE
New Mexico

15. DATE SPUNDED 12-29-81 16. DATE T.D. REACHED 1-16-82 17. DATE COMPL. (Ready to prod.) 10-14-82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4170 GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4250 21. PLUG, BACK T.D., MD & TVD 4181 22. IF MULTIPLE COMPL., HOW MANY* → 23. INTERVALS DRILLED BY → ROTARY TOOLS 0-T.D. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Abo Sand 3751 - 3943

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
CNL-Dens; DLL-MSFL

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
10-3/4"	40.5#	853'		700 sx. "C" CaCl	None
4-1/2"	11.6#	4224'		200 sx. 65/35 Poz., 175 sx. Self-Stress	None

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)
3751, 3792, 3885, 87, 89, 90, 91, 92, 93
95, 96, 97, 99, 3901, 03, 27, 29, 36, 43
w/ one 0.40" jet shot each.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	Acidized w/ 2500 g. 7 1/2% HCL
	clean-up acid w/ 25 ball-sealers
	Fraced w/ 40,000 g. Geled KCL water & CO2. 63,000# 20/40 & 51,000#

33. PRODUCTION

DATE FIRST PRODUCTION 10-14-82 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing 10/20 Mesh & 50 tons CO2

DATE OF TEST 10-14-82 HOURS TESTED 4 hrs. CHOKER SIZE various PROD'N. FOR TEST PERIOD → OIL—BBL. - GAS—MCF. 31 WATER—BBL. - GAS-OIL RATIO -

WELL STATUS (Producing or shut-in) SI

FLOW. TUBING PRESS. 727-468 CASING PRESSURE - CALCULATED 24-HOUR RATE → OIL—BBL. - GAS—MCF. 302 WATER—BBL. - OIL GRAVITY-API (CORR.) -

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

35. LIST OF ATTACHMENTS
1 set of logs

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

SIGNED [Signature] TITLE President DATE November 5, 1982

ACCEPTED FOR RECORD
(ORIG. SGD.) DAVID R. GLASS
NOV 9 1982
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

TEST WITNESSED BY
D. Bennett

*(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	TRUE VERT. DEPTH
San Andres	1000	1050	Dolomite, porous, probably water	Rustler Anhy	Surface	578
	1240	1280	Same	San Andres	578	1571
	1450	1480	Limestone, porous, probably water	Glorieta	1571	1571
Abo	3751	3943	Sand, completed gas zones	Abo	3607	3607