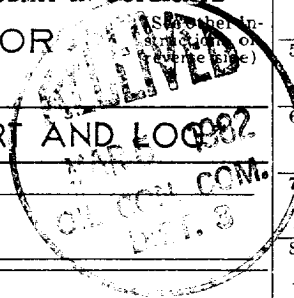


UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

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



WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

5. LEASE DESIGNATION AND SERIAL NO. NM 0546

1a. TYPE OF WELL: OIL WELL [] GAS WELL [X] DRY [] Other []

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [] DEEP-EN [] PLUG BACK [] DIFF. RESVR. [] Other []

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR ARCO Oil and Gas Company, Division of Atlantic Richfield Company

8. FARM OR LEASE NAME Maddox WN Federal

3. ADDRESS OF OPERATOR P. O. Box 5540, Denver, Colorado 80217

9. WELL NO. 4E

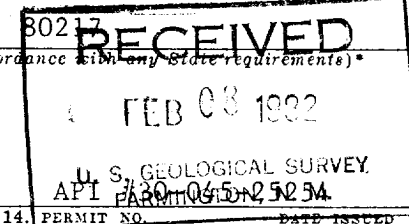
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 850' FNL & 850' FWL

10. FIELD AND POOL, OR WILDCAT Basin Dakota

At top prod. interval reported below

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 24-30N-13W

At total depth Approx the same



14. PERMIT NO. DATE ISSUED Mr. Vinyard 11-24-81

12. COUNTY OR PARISH San Juan

13. STATE New Mexico

15. DATE SPUNDED 12-4-81

16. DATE T.D. REACHED 12-14-81

17. DATE COMPL. (Ready to prod.) 1-22-82

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5809' GL; 5820' DF; 5821' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6775'

21. PLUG, BACK T.D., MD & TVD 6704'

22. IF MULTIPLE COMPLET., HOW MANY*

23. INTERVALS DRILLED BY

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND NAME) Dakota 6527'-6552'

25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN DIFL/SP; CDL/CN/GR

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#	701' KB	12-1/4"	500 SX	NONE
4-1/2"	10.5#	6775' KB	7-7/8"	1200 SX	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NONE					2-3/8"	6512' KB	NONE

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number) Dakota 6527'-6552' 1 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6560'-6100'	200 gal acid + adds
6417'-5500'	1800 gal acid + 50 ball sealers
6527'-6552'	84200 gal 2% KCL + adds & 262000# 20/40 mesh sand

33.* PRODUCTION

DATE FIRST PRODUCTION 1/3/82 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) NO CONNECTION FLOWING WELL STATUS (Producing or shut-in) SHUT IN

DATE OF TEST 1-22-82 HOURS TESTED 3 hrs CHOKE SIZE 48/64" PROD'N. FOR TEST PERIOD 4.5 OIL—BBL. COND. 2.00 GAS—MCF. 3.25 WATER—BBL. GAS-OIL RATIO

FLOW. TUBING PRESS. 225# CASING PRESSURE 470# CALCULATED 24-HOUR RATE 35frac fluid OIL—BBL. COND. POSS. some 1595 GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.) 26 (Frac fluid) 4.9

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD TEST WITNESSED BY C.R. THOMPSON, JR.

35. LIST OF ATTACHMENTS 2 of #26 above and Daily Well History

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

SIGNED W.A. Walther, Jr. TITLE District Manager of Production DATE 2-3-82

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

NMOCC

FARMINGTON DISTRICT BY Elliott

ACCEPTED FOR RECORD

MAR 03 1982

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.
			TOP
			MEAS. DEPTH
			TRUE VERT. DEPTH
NO CORES AND NO DST'S			Fruitland 1510' Pictured Cliffs 1901' Lewis Shale 2073' Cliffhouse 3452' Pt Lookout 4247' Upper Mancos 4576' Gallup 4770' Lower Mancos 6052' Greenhorn 6329' Graneros 6392' Dakota A 6442' Dakota B 6526' Dakota C 6572' Dakota D 6671' Morrison 6753'