

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.

5. LEASE DESIGNATION AND SERIAL NO.

NM-3854

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

W.G. Smith Fed Gas Com

9. WELL NO.

1

10. FIELD AND POOL OR WILDCAT

Rock Tank-Morrow

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 13, T23S, R24E

12. COUNTY OR PARISH

Eddy

13. STATE

N.M.

1a. TYPE OF WELL:

OIL WELL ☐GAS WELL ☒DRY ☐

Other

b. TYPE OF COMPLETION:

NEW WELL ☒WORK OVER ☐DEEP-EN ☐PLUG BACK ☐DIFF. RESVR. ☐

Other

2. NAME OF OPERATOR

Atlantic Richfield Company

3. ADDRESS OF OPERATOR

P.O. Box 1978, Roswell, N.M. 88201

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

At surface 1650' FNL & 1650' FEL (Unit letter G)

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

1-3-72

15. DATE SPUDDED

1-7-72

16. DATE T.D. REACHED

2-8-72

17. DATE COMPL. (Ready to prod.)

2-22-72

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

3856' DF

19. ELEV. CASINGHEAD

3846'

20. TOTAL DEPTH, MD & TVD

10450

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

10419

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-10450

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

10350-10368' Lower Morrow (Penn)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

BHC GR-Sonic & Dual Induction LL-8

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	2498.25	12 1/4 & 11	1600 sx (circ to surface)	
5-1/2"	20	10449.36'	7-7/8	500 sx (T/C @ 7440')	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8	10253	10247

31. PERFORATION RECORD (Interval, size and number)

10350-10368 w/2 JSPF 0.28" holes
(36 holes)

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

DEPTH INTERVAL (MD)

None

AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION 2/16/72		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 2/18	HOURS TESTED 8	CHOKE SIZE 24/64	PROD'N. FOR TEST PERIOD →	OIL—BBL. 0	GAS—MCF. 3.01 MMCFPD	WATER—BBL. 0	GAS-OIL RATIO
FLOW, TUBING PRESS. 870#	CASING PRESSURE Packer	CALCULATED 24-HOUR RATE →	OIL—BBL. none	GAS—MCF. 3.01 MMCF	WATER—BBL. none	OIL GRAVITY-API (CORR.)	

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

Shut-in pending connection

AOF-5933 MCF

TEST WITNESSED BY

D. D. Wood

35. LIST OF ATTACHMENTS

Logs as listed above & Deviation Survey

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

SIGNED

D.D. Wood

TITLE Dist. Drlg. Supervisor

DATE 3/2/72

*(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
DST #1 testing Morrow O.H. 10023-10108', 3/4" BC, 3/4 TC, no water cushion. Tool open for 30 min w/no blow. Recovered 135' mud, no shows. IHP 4850#, 60 min ISIP 186#, IFP 139#, FFP 139#. 60 min FSIP 139#, FHP 4850#, BHT 118° F.				Bone Spring	3962	
				Dean Sand	7417	
				Wolfcamp	7813	
				Canyon	8387	
				Strawn	8471	
				Atoka	9365	
				Morrow	9747	
DST #2 testing Morrow O.H. 10312-10450', 3/4" BC, 1/2" TC, no WC. Tool open 2 hrs w/maximum gas flow rate of 4.48 MMCFPD, 700# FTP. Recovered 9783' of gas in drill pipe, 485' of gas cut mud & 20' of water cut mud. IHP 5041#, 90 min ISIP 3042#, IFP 414#, FFP 1057#, 90 min FSIP 3042#, FHP 5041#, BHT 148° F						