

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other
instructions
reverse)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM 9019

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Young Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat Strawn

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

20-18S-32E

12. COUNTY OR
PARISH

Lea

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 1710, Hobbs, New Mexico 88240

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

At surface 1980' FNL & 1980' FEL (Unit letter G)

At top prod. interval reported below

At total depth as above

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 4/30/75 16. DATE T.D. REACHED 7/4/75 17. DATE COMPL. (Ready to prod.) 7/18/75 18. ELEVATIONS (DF, REB, BT, GR, ETC.)* 3743.2' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 12,835' 21. PLUG, BACK T.D., MD & TVD 11,647' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24-20-12,835' 25. ROTARY TOOLS 0-220' CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 11,540-11,560' Strawn 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Density, CN log, Gamma Ray, Dual Laterolog, CB log w/Gamma Ray. 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" OD	48#	745'	17 1/2"	825 SX	
8-5/8" OD	32#	4550'	11"	1950 SX	
5-1/2" OD	17 & 20#	11,725'	7-7/8"	725 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8" OD	11,450'	11,450'

31. PERFORATION RECORD (Interval, size and number)

11,540, 41, 42, 43, 44, 45, 46, 47, 48, 49,
50, 51, 52, 53, 54, 55, 56, 57, 58, 59,
11,560' - .49" (20 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11540-11560'	250 gals acetic acid
11540-11560'	2000 gals HCL-LSTNE acid w/iron sequestering agent

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
7/18/75		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/25/75	24	24/64"	→	265	521	24	1966:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
250#	Pkr	→	265	521	24	47.2	

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

Vented - To be sold when permanent battery is installed

TEST WITNESSED BY

M. L. Moore, Jr.

35. LIST OF ATTACHMENTS

Items as listed above under #26 & Inclination Report.

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

SIGNED

TITLE Dist. Drlg. Supv.

DATE 7/25/75

*(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, 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 33.

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: COARED 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.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Bone Spring	8610'	8658'	DST #1 - opened tool for 20 min preflow, w/weak blow, incr to fair. Closed tool 1 hr SI. Opened tool 1 hr flow period w/strong blow throughout, no gas to surface. Closed tool for 2 hr SI, rec 1150' gas, 2' oil & 58' drlg fluid. DST #2 - opened tool 20 min preflow period @ 4:30 AM 6/15/75, w/weak blow, incr to strong blow @ end. Closed tool for 1 hr SI. Opened tool for 1 hr flow period @ 6:00 AM 6/15/75 w/strong blow, decr to fair blow @ end. Closed tool for 2 hr FSI. Rec gas in DP above tool @ 3100'. Rec 781' slightly gas cut DF, 677' slightly salt wtr cut DF, trace of oil on top of fluid.	Rustler Yates Queen Penrose Bone Spring Lime 1st Bone Spring 3rd Bone Spring Wolfcamp Strawn Atoka Morrow	1012' 2557' 3757' 4000' 6694' 8194' 9674' 10125' 11402' 11773' 12228'	1012' 2557' 3757' 4000' 6694' 8194' 9674' 10125' 11402' 11773' 12228'
Wolfcamp	10,145'	10,200'				

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