

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
November 31, 1985

RECEIVED

5. LEASE DESIGNATION AND SERIAL NO.

NM 44539

DEC 2 1988

CARTRIDGE AGREEMENT NAME
AREA

6. FARM OR LEASE NAME

Amoco A.G. 1 Federal

7. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

N. Young Bone Spring

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

Sec. 1, T18S, R32E

12. COUNTY OR PARISH
Lea

13. STATE
N.M.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. FLUID ☐ Other

3. NAME OF OPERATOR

Harvey E. Yates Company

4. ADDRESS OF OPERATOR

P.O. Box 1933, Roswell, New Mexico 88202

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

At surface 610' FSL & 990' FEL

At top prod. interval reported below

At total depth same

14. PERMIT NO.

30-025-30472

DATE ISSUED

9/15/88

15. DATE SPIDED

9/21/88

16. DATE TD REACHED

10/14/88

17. DATE COMPL. (Ready to prod.)

10/29/88

18. ELEVATIONS (OF RKB, RT, CB, ETC.)*

3892.7 GL

19. ELEV. CASINGHEAD

3892.7

20. TOTAL DEPTH, MD & TVD

9300

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

9215

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVAL DRILLED BY

ROTARY TOOLS

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

9114-20 Bone Springs

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL w/Micro & D-N w/G-R

27. WAS WELL CORRO

No

28. CARING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	54.5	408	17 1/2	425 sks "C"	Circ
8 5/8	32 & 24	2908	12 1/4	1200 filler & 200 "C"	Circ
5 1/2	17	9300	7 7/8	1100 filler & 350 "H"	TOC @ 2300

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	9000	8970

31. PERFORATION RECORD (Interval, size and number)

9114-20; 2 SPF, 13-39" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9114-20	2250 gals 20" SRA & BS

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10/29/88		Flowing				Producing	
DATE OF TEST	HOLES TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/30/88	24	17/64	→	53	58	11	1094
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
40	0	→	53	58	11	32	

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

Used on Lease

TEST WITNESSED BY

John Bilberry

35. LIST OF ATTACHMENTS

Deviation Survey & Electric Logs

ACCEPTED FOR RECORD
SJS

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

SIGNED

N.M. Young

N.M. Young

TITLE

Drilling Superintendent

DATE

DEC 2 1988

Oct 31, 1988

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

CARLSBAD, NEW MEXICO

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, flowing and shut-in pressures, and recoveries);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Rd Bd & Surf Rock Anhy & Salt Dolo & Sand Sand & Dolo Dolo & Sand Dolo & Sand Dolo Sand & Dolo Dolo & Lime Sand & Dolo Dolo Sand & Dolo TVD	0 1350 2800 4050 4200 4950 5200 5400 5400 6350 8000 8250 8700 9300	1350 2800 4050 4200 4950 5200 5400 6350 8000 8250 8700 9300	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	1350	1350
Cowden	2450	2450
Yates	2832	2832
7 Rivers	3261	3261
Bowers	3767	3767
Queen	4048	4048
Penrose	4318	43
Grayburg	4625	4625
Delaware	5800	5800
Bone Springs	6348	6348
TVD	9300	9300

RECEIVED
JAN 5 1989
OCD
HOBBS OFFICE

Harvey E. Yates & Company
Amoco AG 1 Federal #1
Lea County, N.M.

RECEIVED

STATE OF NEW MEXICO
DEVIATION REPORT

DEC 2 11 05 AM '88

CARLOS J. RICE
AREA H. L. RICE

408	3/4
890	1
1364	1 1/4
1852	1 1/4
2326	3/4
2824	1 1/4
2908	1 1/4
3407	1
3886	1/4
4380	1/4
4870	3/4
5349	3/4
5366	1
5397	2 1/2
5827	1 1/2
6291	1 1/4
6787	1 3/4
7095	3/4
7382	3/4
7612	1 3/4
7812	2 3/4
7936	2 1/2
8249	2 1/4
8533	1 1/2
8814	1 3/4
9100	1 1/2
9300	1 1/2

Ray Peterson

By: Ray Peterson

STATE OF TEXAS I

COUNTY OF MIDLAND I

The foregoing instrument was acknowledged before me this 19th day of October, 1988, by Ray Peterson on behalf of Peterson Drilling Company.

My Commission expires: 8/2/92

Alice Keel
Notary Public for Midland County,
Texas

