

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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

5. LEASE DESIGNATION AND SERIAL NO.

NM 68040

6. IN INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Parker 5 Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

N. Shugart-Bone Springs

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

Sec. 5. T-18-S, R-31-E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

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. RESER. ☐

Other ☐

3. NAME OF OPERATOR

Harvey E. Yates Co.

4. ADDRESS OF OPERATOR

P.O. Box 1933 Roswell, N.M. 88202

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

At surface

660' FSL & 1650' FWL

At top prod. interval reported below

At total depth

Same

O. C. D.
ARTESIA, OFFICE

14. PERMIT NO.

30-015-26018

DATE ISSUED

4-27-89

15. DATE SPUDDED

5-6-89

16. DATE T.D. REACHED

5-26-89

17. DATE COMPL. (Ready to prod.)

6-17-89

18. ELEVATIONS (DP, RKB, RT, GE, ETC.)*

3690.7 GL

19. ELEV. CASINGHEAD

3690.7

20. TOTAL DEPTH, MD & TVD

8506

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

8454

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVAL DRILLED BY

ROTARY TOOLS

CABLE TOOLS

ALL

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

8023-8331 Bone Springs

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL w/Micro & D-N w/GR

27. WAS WELL CORED

No

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	54.5	350	17 1/2	514 sks	Circ
8 5/8	32 & 24	2014	12 1/4	1200 Filler & 200 Tail	Circ
5 1/2	17	8506	7 7/8	1250 Filler & 400 Tail	TOC 100'

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	7928	7933

31. PERFORATION RECORD (Interval, size and number)

8023-8331 (1SPF - .38" Diameter/13 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8023-8331	3550 Gal NARS 201 & Ball Sealers
	3000 Gal 15% NE-FE
	Frac w/120,000 Gal BS45 &
	100,000 lbs 16/20 Carbo-Lite

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
6-18-89		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-19-89	24	NA	→	248	211	91	850
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
NA	NA	→	248	211	91	39	

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

Sold

TEST WITNESSED BY

Ray Coors

35. LIST OF ATTACHMENTS

Deviation Survey & E. Logs

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

SIGNED

A. M. Young

NM Young

TITLE Drilling Superintendent

DATE 6-22-89

*(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, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Rd Bd & Surf Rx	0	500		Rustler	503	
Anhyd & Salt	500	1900		Yates	1915	
Dolo & Sand	1900	3600		Seven Rivers	2303	
Sands & Dolo	3600	4300		Bowers	2764	
Salt	4300	4900		Queen	3004	
Dolo & Lime	4900	7200		Penrose	3215	
Sands	7200	7600		Greyburg	3492	
Dolo.	7600	7750		San Andres	3860	
Sands	7750	8400		Delaware	4318	
Dolo.	8400	8506		Bone Spring	4818	
				TD	8506	

38. GEOLOGIC MARKERS



KEN REYNOLDS--PRESIDENT
ARNIE NEWKIRK--VICE-PRESIDENT

DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 1498 ROSWELL, NEW MEXICO 88202-1498
505/623-5070 505/746-2719
ROSWELL, NM ARTESIA, NM

May 31, 1989

RECEIVED

JUL 07 '89

O. C. D.
ARTESIA, OFFICE

Heyco, Inc.
P.O. Box 1933
Roswell, N.M. 88202

REF: Parker "5" Fed #2

Gentlemen:

The following is a Deviation Survey on the above referenced well located in Eddy County, New Mexico.

350' - 1/2°	4535' - 3/4°	6004' - 4°
850' - 3/4°	5090' - 2 1/4°	6098' - 3°
1381' - 1°	5183' - 2 1/4°	6315' - 1 1/2°
1565' - 1/4°	5338' - 2 1/4°	6412' - 1 3/4°
1799' - 1/2°	5480' - 3°	6902' - 1°
2014' - 1°	5541' - 3°	7426' - 1°
2510' - 3/4°	5728' - 4 3/4°	7765' - 1/4°
3022' - 3/4°	5820' - 4 1/2°	8262' - 3/4°
3516' - 1°	5912' - 4°	8510' - 1/2° TD
4010' - 1 1/4°		

Sincerely,

Arnold Newkirk
Vice-President

STATE OF NEW MEXICO)

)

COUNTY OF CHAVES)

The foregoing was acknowledged before me this 31st day of May 1989 by Arnold Newkirk.

MY COMMISSION EXPIRES

October 07, 1992

NOTARY PUBLIC