

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Artesia, NM 88210

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

5. LEASE DESIGNATION AND SERIAL NO.
NM-2538

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Brickly Pear Federal

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
North Shugart ^{Y-5R-A-G}_{Queen}

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA
Section 12-18S-31E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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
Yates Energy Corporation

3. ADDRESS OF OPERATOR
P. O. Box 2323, Roswell, NM 88202-2323

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 400' FNL & 2310' FWL
At top prod. interval reported below
At total depth

14. PERMIT NO. API 30-015-26445 DATE ISSUED OCT 9 9 25 AM '90

15. DATE SPUDDED 8/19/90 16. DATE T.D. REACHED 8/29/90 17. DATE COMPL. (Ready to prod.) 9/11/90 18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 3778.2 GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5000' 21. PLUG, BACK T.D., MD & TVD 4921' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY → All 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3520' - 3534' Queen Sand 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CN-LDT, DLL w/MSFL, GR-CNL-CBL 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#	357'	12 1/4"	250 sx. Class "C"	Circ. 85 sx.
4 1/2"	10.5#	4994'	7 7/8"	240 sx. 65-35 poz plus 1500 sx. Premium plus, tailed in w/100 sx. Premium plus	Circ. 120 sx.

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
					SIZE 2 3/8" DEPTH SET (MD) 3550' PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)
3520' - 3534' .38" 29 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3234' - 3534'	200 gals. 10% Acetic acid
3520' - 3534'	2100 gals. MOD 101 acid
3520' - 3534'	30,000 gals. 40% cross link gel, 50,000 # 20/40 Ottawa sand

33.* PRODUCTION

DATE FIRST PRODUCTION 9/11/90 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping, 1 1/2" rod pump WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/2/90	24	-	→	11	TSTM	4	-

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
-	7#	→	11	TSTM	4	36.5

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
vented TEST WITNESSED BY Randy McAnally

35. LIST OF ATTACHMENTS
Deviation survey, 2 sets of GR-CN-LDT & LDT & DLL w/MSFL logs

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

SIGNED [Signature] TITLE Landman DATE 10/5/90

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

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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Yates	2392'	3040'	Sand, Shale - Water	Yates	2392'	
Seven Rivers	3040'	3498'	Sand, Shale - Water	Seven Rivers	3040'	
Queen	3498'	4025'	Sand, Shale - Oil, Gas, Water	Queen	3498'	
Grayburg	4025'	4391'	Sand, Shale, Dolomite - Oil, Gas, Water	Grayburg	4025'	
San Andres	4391'	4884'	Dolomite - Oil, Gas, Water	San Andres	4391'	
Delaware	4884'	-	Sand - Water	Delaware	4884'	