

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM-15446

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Rebecca Crosby

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Cato-San Andres

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

Sec. 31, T-7S, R-31E

12. COUNTY OR
PARISH

Chaves

13. STATE

N. M.

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

Harvey E. Yates Company

3. ADDRESS OF OPERATOR

P. O. Box 1933, Roswell, N. M. 88201

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

At surface 660' FEL & 660' FSL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RES, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
2-4-80	2-12-80	3-13-80	4230.4' GL	4230.4' GL

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
3865'	3847'		→	0'-3865'	

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

3715' - 3788' San Andres

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Schlumberger SNP & FIL logs. CMC GR-N log

27. WAS WELL CORED

Yes

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	23#	1273'	11"	450 Sx HL & 200 Sx C1 C	None
4-1/2"	10.5#	3865'	7-7/8"	300 Sx C1 C	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	3843'	-

31. PERFORATION RECORD (Interval, size and number)

3815' - 3849' - 0.50" dia - 9 holes
3708' - 3788' - 0.50" dia 45 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3815'-3849'	250 Gal 10% acetic & 1000 Gal 20% NE
3708'-3888	250 Gal 10% acetic & 5000 Gal 20% NE

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3-10-80		Pumping 2-3/8" X 12' Com BBL				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-11-80	7		→	8	6	61	750
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
	35	→	27	21	209		

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

Vented

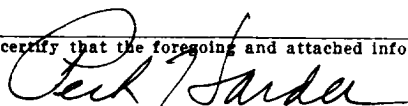
TEST WITNESSED BY

Craig Huber

35. LIST OF ATTACHMENTS

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

SIGNED



TITLE

Engineer

DATE

4-3-80

*(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.)

18 1990

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.	38. GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH TOP TRUE VERT. DEPTH
Rustler	1300	1773	Red beds, anhy, salt		
Yates	1773	1953	Salt and anhy		
Seven Rivers	1953	2425	Lime		
Queen	2425	2910	Lime		
San Andres	2910	3460	Lime		
Pi	3460	3615	Lime		
P-1	3615	3690	Lime		
P-2	3690	3865	Lime		

RECEIVED

MAY 13 1980

O. C. D.
ARTESIA, OFFICE



DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P.O. Box 2035 ROSWELL, NEW MEXICO 88201

TELEPHONE: AREA 505/746-6757

ROSWELL 505/623-5070

Harvey L. Patterson
Box 1933
Roswell, New Mexico

Release to: #

Gentlemen:

The following is a copy of
County, New Mexico.

Amel Hewitt

STATE OF NEW MEXICO

COUNTY OF SAGUARO

February 1980

14th

MY CERTIFICATION EXPIRES

April 9, 1980

Glenda Lee Newton

RECEIVED

MAY 16 1980

CLERK OF SUPERIOR COURT

RECEIVED

MAY 13 1980

O. C. D.
ARTESIA, OFFICE