

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.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other **RECEIVED**

2. NAME OF OPERATOR

El Paso Natural Gas Company

MAY 1 1973

3. ADDRESS OF OPERATOR

1800 Wilco Building Midland, Texas 79701

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

At surface 1400' FNL, 990 FEL

ARTESIA, OFFICE

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.
NM 0554194

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

Rocky Arroya

8. FARM OR LEASE NAME

Patterson

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat Atoka

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

Sec 30, T-22-S, R-22-E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

15. DATE SPUNDED 12-28-72 16. DATE T.D. REACHED 4-1-73 17. DATE COMPL. (Ready to prod.) 4-23-73 18. ELEVATIONS (DF, RBL, RT, GR, ETC.)* 4621 GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 9816 21. PLUG, BACK F.D., MD & TVD 9456 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS DRILLED BY → 9816 ROTARY TOOLS CABLE TOOLS

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

9030-42

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Coriband, Prox. log, Microlog/Caliper, Comp. Neutron Dens. Dual Ind.

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	48#	200	17 1/2	350 SXS	
9 5/8	36#	2000	12 1/4	750 SXS	
5 1/2	17.0 & 15.5	9450.58	8 1/2	750 SXS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	8900	8896.10

31. PERFORATION RECORD (Interval, size and number)

9030-42 2/SPF, 24 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	Acidize w/120 bbls 15% KCL,
	60-7/8" balls, flush w/28
	bbls foamed KCL.

33. PRODUCTION

DATE FIRST PRODUCTION --- PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) --- WELL STATUS (Producing or shut-in) Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-23-73	5	2 1/2 orifice →	---	---	4128	---	---
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
2242-1490	0	---	---	9646	---	---	---

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

Vented

TEST WITNESSED BY

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

C. D. Kysan

TITLE Lead Production Clerk

DATE 4-27-73

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

— 5 —

tion 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 3b.

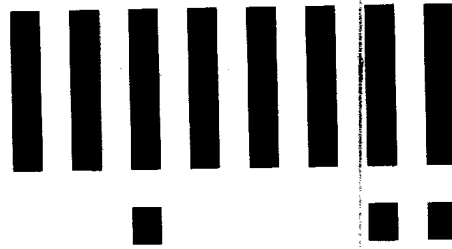
Item 22: If this well is completed for separate production from more than one interval zone (multiple completion), so state in Item 22, and in Item 23 show the production interval or intervals for each bottom(s) and name(s). (If any) for only the interval reported in Item 22. Call it out.

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.)

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

GEOLOGIC MARKERS

RECEIVED
APR 30 1973
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO



LTR



Job separation sheet

El Paso Natural Gas Company

El Paso, Texas 79978

Copy to SF

ADDRESS REPLY TO:
1800 WILCO BUILDING
MIDLAND, TEXAS 79701

May 3, 1973

RECEIVED

New Mexico Oil Conservation Commission
Drawer DD
Artesia, New Mexico 88210

MAY 7 1973

Attn: Mr. W. A. Gressett

O. C. C.
ARTESIA, OFFICE

Dear Sir:

Listed below is the Record of Inclination on El Paso Natural Gas Patterson #1,
NE/4 Sec. 30, T-22-S, R-22-E.

Measured Depth	Course Length Hundreds of feet	Angles of Inclination (Degrees)	Displacement per Hundred feet (Sine of Angle X100)	Course Displacement	Accum. Displacement
105	105	1/4	.44	.46	
200	.95	1/4	.44	.42	.88
353	153	3/4	1.31	2.00	2.88
620	267	1/2	.87	2.32	5.20
910	290	3/4	1.31	3.80	9.00
1275	365	1	1.75	6.39	15.39
1475	200	3/4	1.31	2.62	18.01
1717	242	3/4	1.31	3.17	21.18
2000	283	1/2	.87	2.46	23.64
2150	150	1	1.75	2.63	26.27
2340	190	3/4	1.31	2.49	28.76
2584	244	1	1.75	4.27	22.03
2770	186	1	1.75	3.26	35.29
3020	250	1	1.75	4.38	40.67
3177	157	1 1/4	2.18	3.42	44.09
3372	195	1 1/2	2.62	5.11	49.20
3471	99	2 1/4	3.93	3.89	53.09
3559	88	2 1/4	3.93	3.46	56.55
3612	53	2 1/2	4.36	2.31	58.86
3700	88	3	5.23	4.60	63.46
3772	72	3 1/4	5.67	4.08	67.54
3625	53	4	6.98	3.70	71.24
3896	71	5	8.72	6.19	77.43
3996	100	5 1/4	9.15	9.15	86.58
4089	93	6	10.45	9.76	96.34
4180	91	5 1/2	9.58	8.72	105.05
4277	97	6	10.45	10.14	115.20
4320	53	6	10.45	5.54	120.74
4367	57	5 3/4	10.02	5.71	126.45
4426	38	5 3/4	10.02	3.81	130.26