

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 *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. NM-12845	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Pogo Producing Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 10340, Midland, Texas 79702-7340 (915)682-6822		8. FARM OR LEASE NAME Federal 1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2310' FSL & 1980' FWL, Sec. 1, T-22-S, R-31-E At top prod. interval reported below same At total depth same		9. WELL NO. 1	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 11-15-91		16. DATE T.D. REACHED 11-29-91	
17. DATE COMPL. (Ready to prod.) 12-15-91		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3568.6 GR	
19. ELEV. CASINGHEAD 3568.6		20. FIELD AND POOL, OR WILDCAT Livingston Ridge, Delaware	
21. PLUG, BACK T.D., MD & TVD 8480'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY 0-8480'		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7051'-7106', Delaware, (Brushy Canyon) (MD & TVD)	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/LDT, DIL, CBL	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
29. LINER RECORD		30. TUBING RECORD	
31. PERFORATION RECORD (Interval, size and number) 7051'-7106', 55', .49" 110 holes		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
33.* PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented	
35. LIST OF ATTACHMENTS Logs, Deviation Surveys, Form C-104, 3160-5, 3162		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED <i>[Signature]</i> TITLE Division Operations Supt.		DATE Dec. 18, 1991	

*(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.)

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.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
				Delaware Lime	4439'
				Bell Canyon	4510'
				Cherry Canyon	5372'
				Brushy Canyon	6637'
				Bone Springs	8380'

WELL NAME & NUMBER Federal #1-1

LOCATION Sec. 26, T22S, R31E Eddy Co., NM
(Give Unit, Section, Township and Range)

OPERATOR Pogo Producing P.O. Box 10340 Midland, TX 79702

DRILLING CONTRACTOR Grace Drilling Company P.O. Box 13480 Odessa, TX 79762

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>
<u>1.75 500</u>	<u>1.50 3048</u>	<u>1.00 6226</u>	<u> </u>
<u>1.75 530</u>	<u>2.50 3298</u>	<u>1.25 6725</u>	<u> </u>
<u>2.00 800</u>	<u>3.00 3393</u>	<u>.75 7225</u>	<u> </u>
<u>2.00 1284</u>	<u>3.25 3489</u>	<u>1.00 7734</u>	<u> </u>
<u>2.00 1380</u>	<u>2.75 3592</u>	<u>1.25 8237</u>	<u> </u>
<u>1.75 1475</u>	<u>3.00 3671</u>	<u>.75 8480</u>	<u> </u>
<u>1.00 1629</u>	<u>3.00 3770</u>	<u> </u>	<u> </u>
<u>1.25 1786</u>	<u>3.25 3835</u>	<u> </u>	<u> </u>
<u>1.25 1943</u>	<u>2.75 3929</u>	<u> </u>	<u> </u>
<u>1.25 2100</u>	<u>3.25 4021</u>	<u> </u>	<u> </u>
<u>.75 2250</u>	<u>3.00 4114</u>	<u> </u>	<u> </u>
<u>1.25 2417</u>	<u>1.50 4250</u>	<u> </u>	<u> </u>
<u>1.25 2575</u>	<u>.75 4747</u>	<u> </u>	<u> </u>
<u>2.00 2731</u>	<u>1.00 5245</u>	<u> </u>	<u> </u>
<u>2.00 2880</u>	<u>.75 5756</u>	<u> </u>	<u> </u>

Drilling Contractor Grace Drilling Company

By *[Signature]*

Subscribed and sworn to before me this 10th day of December, 19 91

[Signature]
Notary Public

My Commission Expires 10-1-94 Ector County Texas

