

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG **AUG 11 11:42 AM '65**

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 **P & A**

2. NAME OF OPERATOR  
**The Atlantic Refining Company**

3. ADDRESS OF OPERATOR  
**P. O. Box 1978, Roswell, New Mexico**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface **660' FSL & 1980' FWL (Unit N)**

At top prod. interval reported below

At total depth

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED **6-28-65**

15. DATE SPUNDED **6-30-65** 16. DATE T.D. REACHED **7-13-65** 17. DATE COMPL. (Ready to prod.) \_\_\_\_\_

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*  
**4023' DF**

12. COUNTY OR PARISH **Chaves** 13. STATE **N. M.**

19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD **3370'** 21. PLUG, BACK T.D., MD & TVD **P & A** 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_

23. INTERVALS DRILLED BY **0-3370** ROTARY TOOLS \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_

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

25. WAS DIRECTIONAL SURVEY MADE  
**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**GR-Sonic & Laterolog**

27. WAS WELL CORED  
**Yes**

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<b>8-5/8"</b>	<b>24#</b>	<b>302.44</b>	<b>12-1/4"</b>	<b>200 sx Incor neat</b>	<b>None</b>

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

**None**

**NN000 - ARTONA**  
**NN000 - BEND**  
**BLM - SANTA FE**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OR MATERIAL USED
<b>None</b>	

33.\* PRODUCTION

DATE FIRST PRODUCTION **P A** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) \_\_\_\_\_ WELL STATUS (Producing or shut-in) **P & A**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

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

35. LIST OF ATTACHMENTS

**GR-Sonic & Laterolog**

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

SIGNED **D.D. Lutes** TITLE **Dist. Drilling Supervisor** DATE **8-3-65**

**NOTED**  
**AUG 9 1965**

\*(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 33.

**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		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	NAME
		MEAS. DEPTH	TRUE VERT. DEPTH
Triassic Rustler-Salado Yates-F Rivers Queen-Grayburg San Andres	0 788 1410 2122 2668	788 1410 2122 2668 3370	Anhydrite Yates Queen San Andres San Andres Porosity
Red shales, sand Anhydrite & salt Red sands, anhydrite, salt Sand with anhydrite Anhydrite-dolomite			

**ILLEGIBLE**

TO WHOM IT MAY CONCERN:

The following information is a true and correct copy of all  
Straight Hole Deviation Surveys for the Atlantic Petroleum  
Company on their Federal Tract No. 2 well located in Sec. 10, T.10N., R.10E.,  
1960 F.W.M., Sec. 18, T-10-N, R-10-E, Garza County, New  
Mexico;

3100'	-	1/2"	Deviation
1100'	-	1/2"	"
1200'	-	1/2"	"
1300'	-	1/2"	"
1400'	-	1/2"	"
1500'	-	1/2"	"
1600'	-	1/2"	"
1700'	-	1/2"	"
1800'	-	1/2"	"
1900'	-	1/2"	"
2000'	-	1/2"	"
2100'	-	1/2"	"
2200'	-	1/2"	"
2300'	-	1/2"	"
2400'	-	1/2"	"
2500'	-	1/2"	"
2600'	-	1/2"	"
2700'	-	1/2"	"
2800'	-	1/2"	"
2900'	-	1/2"	"
3000'	-	1/2"	"
3100'	-	1/2"	"
3200'	-	1/2"	"
3300'	-	1/2"	"
3400'	-	1/2"	"
3500'	-	1/2"	"
3600'	-	1/2"	"
3700'	-	1/2"	"
3800'	-	1/2"	"
3900'	-	1/2"	"
4000'	-	1/2"	"
4100'	-	1/2"	"
4200'	-	1/2"	"
4300'	-	1/2"	"
4400'	-	1/2"	"
4500'	-	1/2"	"
4600'	-	1/2"	"
4700'	-	1/2"	"
4800'	-	1/2"	"
4900'	-	1/2"	"
5000'	-	1/2"	"

*[Signature]*  
Notary Public

STATE OF NEW MEXICO )  
COUNTY OF LEA )

The foregoing was acknowledged before me personally by H. R. Austin  
this 16th day of July 1965.

*[Signature]*  
Notary Public

My commission expires 8-28-66

Aug 11 11 42 AM '65

NOTED  
AUG - 9 1965  
SINGER