

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.

5. LEASE DESIGNATION AND SERIAL NO.

NM 0145685

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Horton Federal

9. WELL NO.

37

10. FIELD AND POOL, OR WILDCAT

Milnesand San Andres

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

30, T-8-S, R-35-E, NMPM

12. COUNTY OR PARISH

Roosevelt

13. STATE

New Mexico

19. ELEV. CASINGHEAD

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

AMERICAN PETROFINA CO. OF TEX.

3. ADDRESS OF OPERATOR

Box 2990, Midland, TX 79702

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

At surface 990 FNL, 295 FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

11-3-84

16. DATE T.D. REACHED

11-12-84

17. DATE COMPL. (Ready to prod.)

2-26-85

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

4218 DF, 4219 KDB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

4791

21. PLUG, BACK T.D., MD & TVD

4789

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-4791

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

4505-4525, 4662-4680 San Andres

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-FDC-CNL, NGT, DLL

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
8-5/8	24	446	12-1/4	275 sx. Cl. C	-
5-1/2	15.5	4790	7-7/8	950 sx. HLC, 200 sx. Cl. H	-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
			None		2-7/8	4746	-

31. PERFORATION RECORD (Interval, size and number)

4505-4525; 18 shots
4662-4680, 10 shotsACCEPTED FOR RECORD
PETER W. CHESTER

APR 10 1985

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4505-4518	1500 gal. 15% NEFE
4662-4680	2000 gal. 15% NEFE

33.* BUREAU OF LAND MANAGEMENT ACTION

DATE FIRST PRODUCTION

12-8-84

PRODUCTION METHOD (If different from pumping—size and type of pump)

Pumping, 2" Insert

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
2-27-84	24	2"	→	30	(1	519	-
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
-	-	→	30	(1	519	27.1	

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

TEST WITNESSED BY

Curtis Allen

35. LIST OF ATTACHMENTS

2 Neutron-density logs, 2 deviation surveys

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

SIGNED

J. C. Chapman

TITLE Assistant Dist. Mgr. of Prod.

DATE 3-1-85

nh

*(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 DOWN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
San Andres	4659	4790	Dolomite, Oil, Water	San Andres	3911	
				π Marker	4513	

RECEIVED

APR 12 1985

HOOKS OFFICE