Form 9-330
(Rev. 5-63)

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*

5. LEASE DESIGNATION AND SERIAL NO.: NM0174830

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: —

7. UNIT AGREEMENT NAME: —

8. FARM OR LEASE NAME: Davis-N

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Undesignated San Andres

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: 18, 8-S, 33-E

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other —

b. TYPE OF COMPLETION: NEW WELL [ ] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [X] DIFF. RESVR. [X] Other —

2. NAME OF OPERATOR: Phillips Petroleum Company

3. ADDRESS OF OPERATOR: Room 711, Phillips Bldg., Odessa, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 1980' FN & W lines (Unit F)
At top prod. interval reported below
At total depth: same

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
PB	9-19-75	Chaves	New Mexico

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
PB 10-20-75	PB 10-22-75	10-28-75 (perf)	4434' Gr, 4447' DF	—

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
9150	4602	—	→	0-9150	—

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: San Andres - top 3550', bottom 4602'

25. WAS DIRECTIONAL SURVEY MADE: no

26. TYPE ELECTRIC AND OTHER LOGS RUN: Laterolog, Microlaterolog, Sonic - GRN

27. WAS WELL CORED: yes-previously reported in 1968

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#	408'	17½"	(450 sx Class H, circ at surface)	
8-5/8"	24#, 32#	4820'	11"	(750 sx TRLW, 700 sx Class H. TOC at 2100'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5½	4602'	9144	400 sx TR Incor.	—

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	4400'	—

31. PERFORATION RECORD (Interval, size and number)

3/8" jet holes (90',97 holes) @ 4261-88', 4327-46', 4354-57', 4367-73', 4403-13', 4439-61', 4474-77'.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4261-4474'	4500 gals 15% NE HCL acid.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
10-30-75	Insert pump - 2" x 1¼" x 20'	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-15-75	24	—	→	72	27	58	377

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
—		→	—	—	—	35.2

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

TEST WITNESSED BY: E. T. Millhollon

35. LIST OF ATTACHMENTS: Logs previously furnished in 1968

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

SIGNED W. J. Mueller TITLE Engineering Advisor DATE 11-19-75

*(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.
Surface, sand, caliche	0'	90'	
sand, redbeds	90'	410'	
redbeds	410'	742'	
redbeds, anhydrite, salt	742'	2160'	
anhydrite, salt	2160'	3290'	
anhydrite	3290'	3938'	
anhydrite, lime	3938'	4029'	
lime	4029'	4820'	
sand, lime	4820'	5263'	
lime	5263'	7317'	
lime, shale	7317'	7953'	
lime	7953'	8246'	
lime, shale	8246'	8313'	
lime, chert	8313'	8324'	
lime	8324'	8865'	
lime, shale	8865'	8938'	
lime	8938'	9052'	
lime, shale	9052'	9150'	

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
San Andres	3550	+ 899
Glorieta	4927	-. 478
Tubb	6393	-1944
Abo	7244	-2795
3 Brothers	8648	-4199
Baugh B	8839	-4390
Baugh C	8902	-4453

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