

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.

**WMO174830**

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

**Tobac (Pann)**

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

**Sec. 18, T-8-S, R-33-E**

12. COUNTY OR PARISH  
**C. J. Ven**

13. STATE  
**New Mexico**

14. PERMIT NO. **-** DATE ISSUED **1-30-68**

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  
**Phillips Petroleum Company**

3. ADDRESS OF OPERATOR  
**Room B-2, Phillips Building, Odessa, Texas**

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

15. DATE SPUNDED **2-7-68** 16. DATE T.D. REACHED **3-19-68** 17. DATE COMPL. (Ready to prod.) **3-28-68** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **4434' Gr; 4447' DF** 19. ELEV. CASINGHEAD **-**

20. TOTAL DEPTH, MD & TVD **9150** 21. PLUG, BACK T.D., MD & TVD **9109** 22. IF MULTIPLE COMPL., HOW MANY\* **-** 23. INTERVALS DRILLED BY **-** ROTARY TOOLS **0-9150** CABLE TOOLS **-**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* **8909-19'** 25. WAS DIRECTIONAL SURVEY MADE **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**Laterlog, Microlaterlog, Sonic GR** 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
13-3/8"	48#	408'	17-1/2"	450 ax Class H, Ciro. to surf.	-
8-5/8"	24#, 32#	4820'	11"	750 ax Trinity EM, 700 ax "H", TOC 2100'	-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
5-1/2"	4602'	9144'	400 Trinity (Incor)	-	SIZE: 2-3/8" DEPTH SET (MD): 8955' PACKER SET (MD): 8825

31. PERFORATION RECORD (Interval, size and number)

**2 - 1/2" holes/ft. (20 holes)**  
**8909-19'**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8909-19	2000 gals 10% McA acid
8909-19	1000 gals 3% NH acid
	5000 gals 15% NH acid

33. PRODUCTION

DATE FIRST PRODUCTION **3-31-68** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Flowing** 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
4-23-68	24	1/2"	→	162	355	5 BAW	2189

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **vented** TEST WITNESSED BY **G. W. Mossman**

35. LIST OF ATTACHMENTS  
**Deviation record; DST and Core data sheet**

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

SIGNED **R. J. Stringer** TITLE **Assoc. Reservoir Engineer** DATE **4-24-68**

\*(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.
	DEPTH	MEAS.	DEPTH	MEAS.	
irface Sand, Caliche	0		90'		See core and DST detail sheet, attached
nd, Redbeds	90'		410'		
dbeds	410		742		
dbeds, Anhy. Salt	742		2160'		
hy, Salt	2160		3290'		
hydrite	3290		3938'		
hy, Lime	3938		4029'		
ne	4029		4820'		
nd, Lime	4820		5263'		
ne	5263		7317'		
ne, Shale	7317'		7953'		
ne, Shale	7953		8246'		
ne, Chert	8246		8313'		
ne, Shale	8313		8324'		
ne, Shale	8324		8865'		
ne, Shale	8865		8938'		
ne, Shale	8938		9052		
ne, Shale	9052		9150'		

**38. GEOLOGIC MARKERS**

NAME	TOP		TRUE VERT. DEPTH
	MEAS. DEPTH	MEAS. DEPTH	
Glorieta	4927		-478
Tubb	6393		-1944
Abo	7244		-2795
3 Brothers	8648'		-4199
Bough B	8839		-4390
Bough C	8902		-4453

CORE AND DST DATA

Phillips Petroleum Company Davis 'N' No. 1, located 1980' FWL and 1980' FWL, Section 18, T-8-S, R-33-E, Chaves County, New Mexico.

Core No. 1: 8,865' to 8,892' recovered 27 feet lime and shale. No good shows.

Core No. 2: 8,892' to 8,929' recovered 37 feet lime and shale with shows as follows: 8906-8909' 3 feet limestone, good vuglar porosity, and scattered fluorescence; 8910-8918-1/2' 8-1/2 feet tan-brown, med-XLM. Limestone, good vug, and scattered fluorescence, slight bleeding oil. 8919-8925' 6 feet limestone as above, large vugs and scattered oil with fluorescence.

Core No. 3: 8929' to 8938' recovered 9 feet shale and lime, no shows. Drill Stem Test No. 1: 8874' to 8938' tool open two hours. Blow of air immediately with gas to surface in 45 minutes, volume too small to measure. Recovered 450 feet gas cut drilling mud and 275 feet heavily gas and oil cut drilling mud. ISIP (30 min.) 925#, IF 138#, FF 208#, FSIP (2 hrs.) 925#, BHT 140°, hydrostatic pressure 4555.

Core No. 4: 8960' to 9012' recovered 52 feet limestone and shly lime. 8999-9002' 3 feet visible porosity and fluorescence in limestone. 9003.7-9010.7' 7 feet visible porosity and fluorescence in limestone. Drill Stem Test No. 2: 8928-9012' tool open one hour. Upon opening, no blow; remained as such for 10 minutes, then weak blow throughout remainder of test. Recovered 360' drilling mud. No shows. ISIP (50 min.) 3218#, IF 71#, FF 190#, FSIP (1 hr.) 3171#.

