

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

NOV 30 1967
 OIL CON. COM.
 DIST. 3

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
Tesoro Petroleum Corporation

3. ADDRESS OF OPERATOR
533 Busby Drive, San Antonio, Texas 78209

4. LOCATION OF WELL (Report location clearly and in accordance with any local requirements)
At surface **1650' FWL and 990' FSL**
At top prod. interval reported below **Same**
At total depth **Same**

10. FIELD AND POOL, OR WILDCAT
South Hospah Lower Sand

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 6, Twp 17N, R8W, NMPM

12. COUNTY OR PARISH
McKinley

13. STATE
New Mexico

14. PERMIT NO. **?** U. S. GEOLOGICAL SURVEY
CADDIS 9/11/67

15. DATE SPUNDED **9/23/67**

16. DATE T.D. REACHED **10/2/67**

17. DATE COMPL. (Ready to prod.) **10/2/67**

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **6887 G.L. 6895 RKB**

19. ELEV. CASINGHEAD **6888 G.L.**

20. TOTAL DEPTH, MD & TVD **1554 RKB**

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

22. IF MULTIPLE COMPL., HOW MANY* **-**

23. INTERVALS DRILLED BY **0-1554**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
1549-1554' Lower Hospah Gallup, Open Hole

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Schlumberger Electric Log

27. WAS WELL CORED
No

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	72'RKB	12-1/4"	40 sacks	None
5-1/2"	14#	1549'RKB	7-7/8"	60 sacks Class "C"	"

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	1541' RKB	None

31. PERFORATION RECORD (Interval, size and number)
None - Open Hole (4-3/4")

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
10/22/67	Pump	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/27/67	24	None	→	19.5	TSTM	2.2	Nil

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
None	None	→	19.5	k TSTM	2.2	25°

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

TEST WITNESSED BY
William T. E. Nissen

35. LIST OF ATTACHMENTS
Schlumberger Electric Log

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

SIGNED **K. H. Linneman** TITLE **Petroleum Engineer** DATE **Nov. 21, 1967**

***(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 53, 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				38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	LOG
Hospah	1505	1530	Clean porous sand separated by shale stringers oil bearing	Mancos	490RKB - Same
Lower Hospah Callup	1550	1554	Clean porous sand oil bearing. High permeability	Crevasse Canyon	810RKB
				Callup Hospah Massive	1344RKB 1505RKB
				Callup	1550RKB