

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM 052931

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hanson

9. WELL NO.

20

10. FIELD AND POOL, OR WILDCAT

Upper Hospah-Upper Sand

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

Sec. 6, T17N, R8W, NMPM

12. COUNTY OR
PARISH

McKinley

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other Water Injection

b. TYPE OF COMPLETION:

NEW
WELL ☒WORK
OVER ☐DEEP-
EN ☐PLUG
BACK ☐DIFF.
REPER. ☐

Other

2. NAME OF OPERATOR

Tesoro Petroleum Corporation

3. ADDRESS OF OPERATOR

8520 Crownhill Boulevard, San Antonio, Texas 78209

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

At surface Unit Letter N

5' from the South Line and 2635' from the West Line

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

?

Inj.

DATE ISSUED

?

15. DATE SPUDDED

5-13-70

16. DATE T.D. REACHED

5-15-70

17. DATE COMPL. (Ready to produce)

7-1-70

18. ELEVATIONS (DT, RKB, ET, CR, ETC.)*

6910' GL

6922' RKB

19. ELEV. CASINGHEAD

6910' GL

20. TOTAL DEPTH, MD & TVD

1585' RKB

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

1579' RKB

22. IF MULTIPLE COMPL.,
HOW MANY*

N/A

23. INTERVALS
DRILLED BY

ROTARY TOOLS

0-1585'

CABLE TOOLS

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

Inj.
1537' - 1572' RKB

Upper Hospah Sand

25. WAS DIRECTIONAL
SURVEY MADE

Single Shot

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction Electric Log and Dresser-Atlas Strip Log

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	24#	72' RKB	9-7/8"	40 sx cmn + 2% CaCl	None
4-1/2"	9.5#	1584' RKB	6-1/4"	65 sx cmn	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NONE					2-3/8"	1508' RKB	1508' RKB

31. PERFORATION RECORD (Interval, size and number)

1539-41' RKB	8 shots
1549-53' RKB	16 shots
1557-61' RKB	16 shots
1565-68' RKB	12 shots

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1539-41' RKB	)
1549-53' RKB	) Acidized with
1557-61' RKB	) 300 gals 15% NE acid.
1565-68' RKB	)

33. N/A

PRODUCTION

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL. GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CO2R.)

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Induction Electric Log and Dresser-Atlas Strip Log

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

SIGNED

TITLE Petroleum Engineer

DATE July 29, 1970

*(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 12: 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: "Seals 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 PORE'S 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	MEAS. DEPTH	TRUE VERT. DEPTH
Schlumberger measurements:	0	73	Surface dirt, sand and gravel	Menefee	310	Schl.
	73	310	Shale and sandy shale			
	310	540	Sand and shaly sand	Mancos	540	Schl.
	540	850	Shale			
	850	1537	Sand, shaly sand and shale	Gallup	1537	Schl.
	1537	1572	Oil sand with shale streaks			
	1572	Shale				