

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 12201

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Marcelina

9. WELL NO.

6

10. FIELD AND POOL, OR WILDCAT

Marcelina/Dakota "A"

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

24, 16N, 10W, NMPM

12. COUNTY OR
PARISH
McKinley

13. STATE

NM

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

William G. Gill, Agent

3. ADDRESS OF OPERATOR

430 Wilson Building, Corpus Christi, TX 78401

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

At surface 1650' FNL, 330' FEL, Sec. 24, T16N, R10W, NMPM

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

7-18-77

15. DATE SPUNDED

7-23-77

16. DATE T.D. REACHED

7-28-77

17. DATE COMPL. (Ready to prod.)

10-4-77

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

7135' RKB

19. ELEV. CASINGHEAD

7131'

20. TOTAL DEPTH, MD & TVD

2028'

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

1924'

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY

→

ROTARY TOOLS

2028'

CABLE TOOLS

0

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

1730' to 1788'

Dakota "A"

25. WAS DIRECTIONAL
SURVEY MADE

Straight hole TOTC

Less than 1/2°

26. TYPE ELECTRIC AND OTHER LOGS RUN

IEL, CDL/GR & Mud 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 5/8"	26.4	97'	9 7/8"	82 sx Class B to surface	0
4 1/2"	10.5	1924'	6 3/4"	200 sx Class B to surface	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
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31. PERFORATION RECORD (Interval, size and number)

1732' to 1749'

3/32" jet.

16 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1732' to 1749'	Fraced w/22,000 lbs 20/40 sd in 18,800 gals KCl water.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10-6-77		Pumping w/1-1/4" H-F insert rod pump.				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				
FLW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→					

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Mud Log. (IEL & CDL/GR furnished 7-28-77)

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

SIGNED

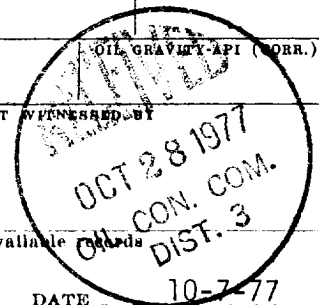
TITLE

Geologist

DATE

10-7-77

*(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, as applicable, 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 office or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If a well is 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 shall 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: "Secks 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: CORREL 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.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Hospah	803'	903'	Fine grain sandstone. Some pyrite. Show of oil. Water.	Hosta	312'	same
				Dalton	480'	"
				1st Hospah	803'	"
				2nd Hospah	830'	"
Massive Gallup	903'	1037'	Fine grain sandstone. Some pyrite. Trace of coal. Water.	Massive Gallup	903'	"
				L. Mancos sh.	1037'	"
				Greenhorn ls.	1637'	"
				Graneros sh	1698'	"
Dakota	1730'	TD	Very fine grain sandstone. Oil, gas, water.	Dakota	1730'	"

38. GEOLOGIC MARKERS