

UNITED STATES
N. M. OIL & GAS COMMISSION
DEPARTMENT OF THE INTERIORS
P. O. BOX 1980
HOBBS, NEW MEXICO 88240
GEOLOGICAL SURVEY
P. O. BOX 1200
ROSWELL, NEW MEXICO 88203

SUBMIT IN DUPLICATE

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

5. LEASE DESIGNATION AND SERIAL NO.

NM 14790

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

West Tonto "A" Federal Com.

9. WELL NO.

1-Y

10. FIELD AND POOL, OR WILDCAT

East Lusk (Morrow)

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

Sec. 25, T-19-S, R-32-E

12. COUNTY OR PARISH
Lea13. STATE
New Mexico

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

Grace Petroleum Corporation

3. ADDRESS OF OPERATOR

P.O. Box 2358, Midland, Texas 79702

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

At surface 2450' FSL & 660' FWL of Sec. 25

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

Verbal on Skidwell 1-25-82

15. DATE SPUNDED 1-25-82 16. DATE T.D. REACHED 4-6-82 17. DATE COMPL. (Ready to prod.) 6-17-82 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3587.6 GR, 3604.4 KB (Ref) 19. ELEV. CASINGHEAD 3585

20. TOTAL DEPTH, MD & TVD 13850 21. PLUG, BACK T.D., MD & TVD 13660 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY To 13850 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Morrow 13,454' - 13,460' (7 holes) 13,646' - 13,650' (5 holes)
13,531' - 13,535' (5 holes)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger Gr-Compensated Neutron-Formation Density log, Borehole Compensated Sonic, Dual Lateralog, CBL Corr. Log, Mudlog 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
13-3/8"	54.5	478'	17-1/2"	600 sx. of Class "C"	None
8-5/8"	32,28,24	4938'	12-1/4"	3660 sx. in 3 stages	None
5-1/2"	20, 17	13835	7-7/8"	1800 sx in 2 stages	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	13360'	13360'

31. PERFORATION RECORD (Interval, size and number)

13669' - 13672' (4 holes) 0.5" } Sq.
13675' - 13684' (10 holes) 0.5"
13454' - 13460' (7 holes) 0.5"
13531' - 13535' (5 holes) 0.5"
13646 - 13650' (5 holes) 0.5"

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13669'-13684'	1000 gal. Morrow flo acid
13669'-13684'	Sq. w/75 sx. Class "H" Cmt RO
13454'-13650'	1750 gal. of Morrow Flo Acid.

(cement details on sundry notices)

33.* PRODUCTION

DATE FIRST PRODUCTION 7-8-82 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
7-13-82	24	12/64"		28	660	0	23.571
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	GRAVITY-API (CORR.)	
1300	Pkr.		28	660	0	59.8	

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

Sold

35. LIST OF ATTACHMENTS

Borehole Compensated Sonic Log, C-122, Deviation Report, BHP

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

SIGNED

TITLE District Production Manager

DATE 7-14-82

Buddy J. Knight * (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.)

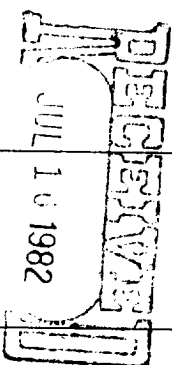
37. SUMMARY OF POROUS ZONES:

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.
Morrow	13669'	13684'	Tested Formation Water thru perforations.
Morrow	13454' 13531' 13646'	13460' 13535' 13650'	Gas and condensate Gas and condensate Gas and condensate
Morrow	13424' 13416' 13400' 13356' 13326' 13266' 8314' 8336' 8360'	13440' 13420' 13404' 13360' 13334' 13271' 8324' 8340' 8364'	Possible Gas & condensate Possible Gas & condensate Possible Gas & condensate Possible Gas & condensate Possible Gas & condensate Possible Gas & condensate Possible Oil & Gas Possible Oil & Gas Possible Oil & Gas

38. GEOLOGIC MARKERS

NAME	TOP	
	MAS. DEPTH	TRUE VERT. DEPTH
Rustler	1105'	
Base Salt	2710'	
Yates	2950'	
Delaware Sd.	4950'	
Bone Springs	7760'	
Wolfcamp	11046'	
Strawn	12174'	
Atoka	12392'	
Morrow	13020'	
Lower Morrow	13636'	
Miss. Barnett Sh.	13762'	



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