

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE

(See 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.

NM-17238

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Smith Ranch Unit

8. FARM OR LEASE NAME

Smith Ranch Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Sec. 11, T-20-S, R-33-E

12. COUNTY OR PARISH

Lea

13. STATE

N. M.

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. Drawer 2358, Midland, Tx. 79702 DEC 8 1980

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

At surface 1980' FNL & 660' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

Letter dated

6-12-80

15. DATE SPUDDED 5-22-80 16. DATE T.D. REACHED 7-31-80 17. DATE COMPL. (Ready to prod.) 11-22-80 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3571' GR; 3593' KB 19. ELEV. CASINGHEAD 3568'

20. TOTAL DEPTH, MD & TVD 13,650' 21. PLUG, BACK T.D., MD & TVD 13,476' 22. IF MULTIPLE COMPL., HOW MANY* --- 23. INTERVALS DRILLED BY --- ROTARY TOOLS 0 - 13,650' CABLE TOOLS

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

13318' - 13464' (Morrow)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN GR-Compensated Neutron-Formation Density, GR-Borehole Compensated Sonic, GR-Dual Laterolog, Micro-SFL, Cyberlook, (see below) 27. WAS WELL CORRED No

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5#	487'	17 1/2"	500 sx	---
8 5/8"	32, 28 & 24#	5062'	12 1/4"	1st-975sx; 2nd-2000sx	---
5 1/2"	17#	13650'	7 7/8"	1st-810sx; 2nd-125sx	---

29. LINER RECORD Stage tool @ 9594'

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	13170'	13170'
						Tailpipe @ 13199'	

31. PERFORATION RECORD (Interval, size and number)

13534'-13544' 0.40" 21 holes
(Isolated w/plug in "N" Nipple w/10' sand on "WB" pkr.)
13455'-13464' 0.40" 19 holes
13334'-13339' 0.40" 11 holes
33. 13318'-13326' 0.40" 17 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13318'-13464'	4000 gals of MorrowFlo "BC" acid & 4500 gals of Methyl Alcohol followed by 1000 gals of acid flushed w/treated 2% KCl wtr.
See below for cmt squeeze	

DATE FIRST PRODUCTION

11-22-80

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
11-25-80	24 hrs	Open	---	5	133	-0-	26,600
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
465 psig	---	---	5	133	-0-	53.0	

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

Sold

35. LIST OF ATTACHMENTS

C-122, Deviation Record, Logs

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

SIGNED

TITLE

District Production Mgr.

DATE

12-4-80

*(See Instructions and Spaces for Additional Data on Reverse Side)

Logs: GR-Compensated Neutron-Formation Density, GR-Borehole Compensated Sonic, GR-Dual Laterolog, Micro-SFL, Cyberlook, Repeat Formation Tester

Cmt Squeeze: Set cmt ret @ 13,420'. Sqz'd to 6700 psi w/75 sx Class "H" cmt containing 0.6% Halad 22-A, 0.4% CFR-2, & 5 lbs/sk KCL mixed @ 15.8 ppg w/1.2 Ft³/sk yeild.

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.

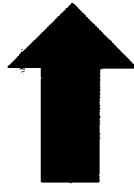
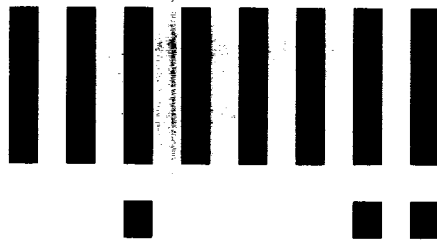
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate 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 PRESSURE, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Delaware Sand	6285'	6345'	Opened tools for 15" pre-flo w/very wk. blo & then died. SI 60". Opened tools for 60" IFP-no blo. SI 60". POH w/tools. Rec 5' of drlg fluid. Sample chamber rec: 1750 cc of drlg fluid @ 14 psig. IHP 2979 psig; 15" pre-flo 29 psig; 60" ISIP 2965 psig; 60" IFP 29 psig - no change; 60" FSIP 1646 psig; FHP 2979 psig; 1400 F BHT.	Rustler Anhy. Base of Salt Yates	1350 2978 3317	
Bone Springs	9290'	9419'	Opened tools for 15" pre-flo w/good blo. SI 60". Opened tools for 60" flow period. NO GTS. SI 120". POH w/tools. Rec 1200' of gas in DP, 432' of O&GC wtr. (35% Oil - 380 Gravity @ 800 F), & 1500' of O&GC wtr blanket. Sample Chamber rec: 4.25 Ft3 Gas @ 690 psig w/900 cc of oil & 450 cc of frm wtr w/85,000 ppm chlorides - R_w 0.04. IHP 4886 psig; 15" Pre-flo 354 psig to 803 psig; 60" ISIP 3987 psig; 60" IFP 479 psig to 903 psig; 120" FSIP 3987 psig; FHP 4886 psig; 1400 F BHT.	Delaware Sand Bone Springs Wolfcamp Lime Strawn Atoka Upper Morrow Lower Morrow Barnett Shale	5025 8262 11002 12216 12434 12922 13448 13596	

RECEIVED
DEC 16 1989



LTR



Job separation sheet

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR Grace Petroleum Corporation ADDRESS 6501 North Broadway, Oklahoma City, Oklahoma
 FIELD _____ LEASE Smith Ranch Unit #1 WELL NO. 11
 LOCATION Sec. 11, T-20-S, R-33-E, Lea County, New Mexico

DEVIATION RECORD

DEPTH	DEGREES	DEPTH	DEGREES	DEPTH	DEGREES	DEPTH	DEGREES
274	0	5532	3/4				
403	1/4	6036	3/4				
1015	3/4	6345	3/4				
1294	1/2	6752	3/4				
1508	3/4	7239	1				
1696	1/2	7747	1				
2259	3/4	8368	1-1/4				
2634	1-1/4	8777	1				
2884	1-3/4	9370	1-3/4				
3000	2	9933	1				
3120	2	10,524	1				
3217	2	11,156	1				
3343	1-1/4	11,848	3/4				
3935	1	12,480	3/4				
4430	1	13,050	1-1/2				
4900	1	13,343	1-1/4				
5051	1	13,600	1-1/4				

Certification of personal knowledge of Deviation Record:

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information is true and complete.

Signature

The Ard Drilling Company, Inc.

Company

STATE OF TEXAS
 COUNTY OF MIDLAND

Before me, the undersigned authority, on this day personally appeared Dean Sims, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is acting at the direction and on behalf of the operator of the well identified in this instrument and that such well was not intentionally deviated from the vertical.

Signature

Drilling Superintendent

Title

Sworn and Subscribed to before me, this the 4th day of December, 19 80

Notary Public in and for Midland County,
 Texas. Jan G. Brewer, Midland County, Texas

My Commission Expires: