

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Budget Bureau No. 1004-0137
Expires August 31, 1985

(See other instructions on reverse side)

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other Aug 8 10 33 AM '88

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☒ DIFF. RESEV. ☐ Other SAFE

2. NAME OF OPERATOR
Grace Petroleum Corporation

3. ADDRESS OF OPERATOR
10700 North Freeway, Suite 620, Houston, Tx. 77037

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface Unit letter E 1980' FNL & 660' FWL of Sec 11, T20S, R33E

At top prod. interval reported below Same as above

At total depth Same as above

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
Lea Bone Spring
Undesignated

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec 11, T20S, R33E

12. COUNTY OR PARISH
Lea

13. STATE
New Mexico

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED
N/A

16. DATE T.D. REACHED
N/A

17. DATE COMPL. (Ready to prod.)
6/9/88

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
3571' GR

19. ELEV. CASINGHEAD
3571'

20. TOTAL DEPTH, MD & TVD
13,650'

21. PLUG BACK T.D., MD & TVD
13,163'

22. IF MULTIPLE COMPL., HOW MANY*
N/A

23. INTERVALS DRILLED BY
→

ROTARY TOOLS
N/A

CABLE TOOLS
N/A

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Bone Springs, 9380' (top); 9424' (bottom)

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED
No

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	487	17-1/2	500 sx of C1 C	0
8-5/8"	32, 28, 24	5062	12-1/4	2975 sx of C1 H	0
5-1/2"	17	13,650	7-7/8	935 sx of C1 H	0

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	9430'	9430'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
9380'-9385'		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9390'-9424'		9380' -9424'	5000' gallons of 15% NEFF

33.* PRODUCTION

DATE FIRST PRODUCTION
6/7/88

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)
Pumping

WELL STATUS (Producing or shut-in)
Producing

DATE OF TEST 6/21/88	HOURS TESTED 24	CHOKE SIZE N/A	PROD'N. FOR TEST PERIOD →	OIL—BBL. 45	GAS—MCF. 70	WATER—BBL. 1	GAS-OIL RATIO 1,555
FLOW. TUBING PRESS. 125	CASING PRESSURE 10	CALCULATED 24-HOUR RATE →	OIL—BBL. 45	GAS—MCF. 70	WATER—BBL. 1	OIL GRAVITY-API (CORR.) 45	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
VENTED (Working with Phillips for gas connections)

TEST WITNESSED BY
Mr. Bill Linn

35. LIST OF ATTACHMENTS
SJS

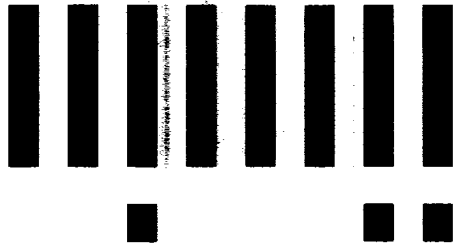
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Mike Pavelka TITLE Operations Engineer DATE 6/29/88

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

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, flowing and shut-in pressures, and recoveries):					38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH	

100-1000
 100-1000
 100-1000



LTR



Job separation sheet

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions
verse side)

Expires August 31, 1985
5. LEASE DESIGNATION AND SERIAL -
NM-17238
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐
2. NAME OF OPERATOR
Grace Petroleum Corporation
3. ADDRESS OF OPERATOR
10700 N. Freeway, Suite 620, Houston, Tx. 77037
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
1980' FNL & 660' FWL
14. PERMIT NO.
15. ELEVATIONS (Show whether DF, RT, GK, etc.)
3571' GR

7. UNIT AGREEMENT NAME
Smith Ranch Unit
8. FARM OR LEASE NAME
Smith Ranch Fed.
9. WELL NO.
1
10. FIELD AND FOOT, OR WILDCAT
Undesignated
11. SEC., T., R., M., OR BLM. AND
SURVEY OR AREA
Sec 11, T-20-S, R-33-E
12. COUNTY OR PARISH
Lea
13. STATE
New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETION ☐
ABANDON* ☐
CHANGE PLANE ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☐
(Other) Block squeeze & acidize ☒
REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

4/6/88: Set plug in Otis pkr @ 13,183' (put 21' of sand on top)
4/8/88: Perf 9454-9456'; sqz w/150 sx C1 "H".
4/12/88: Perf 9317-9319'; sqz w/150 sx C1 "H".
4/13/88: Sqz w/100 sx C1 "H".
4/15/88: Drill out cmt.
4/21/88: Perf 9380-9385' and 9390-9424'.
4/22/88: Set pkr @ 9338'.
4/26/88: Acidize w/5000 gallons of 15% NEFE.
4/29/88: GIH w/2-7/8" tbg to 9430'.
5/13/88: GIH w/pmp and 3/4", 7/8", 1" rds.
5/28/88: RU PU and put well on pump.

RECEIVED
JUN 8 10 32 AM '88
CARLSBAD AREA

18. I hereby certify that the foregoing is true and correct

SIGNED

Mike Pavelka

TITLE

Operations Engineer

DATE 5/9/88

(This space for Federal or State office use)

APPROVED BY

TITLE

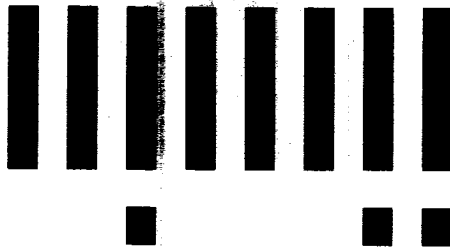
CONDITIONS OF APPROVAL, IF ANY:

DATE

ACCEPTED FOR RECORD

JUN 17 1988

*See Instructions on Reverse Side



LTR



Job separation sheet

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐

DEEPEN ☐

PLUG BACK ☒

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Grace Petroleum Corporation

3. ADDRESS OF OPERATOR

10700 N. Freeway, Suite 620, Houston, Tx. 77037

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

At surface

Unit Letter E 1980' FNL & 660' FWL of Sec. 11, T 20S-R33E

At proposed prod. zone

Unit Letter E 1980' FNL & 660' FWL of Sec. 11, T 20S-R33E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

30 miles West of Hobbs, N.M.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

660' FNL

16. NO. OF ACRES IN LEASE

1599.96

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

None

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

N/A

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3571' GR

22. APPROX. DATE WORK WILL START*

1 March 88

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	13-3/8"	54.5	487'	500 sx of Class "C"
12-1/4	8-5/8"	32, 28, 24	5062'	2975 sx of Class "H"
7-7/8	5-1/2"	17	13,650'	935 sx of Class "H"

- 1) Set plug @ 13,183' in Otis pkr (spot 20' of sand on top).
- 2) Perforate 9454-9456' and squeeze w/150 sx of cement.
- 3) Perforate 9370-9372' and squeeze with 150 sx of cement.
- 4) Drill out cement.
- 5) Perforate 9380-9385' and 9390-9424'.
- 6) Set pkr @ ±9280'.
- 7) Acidize w/4000 gals of acid.
- 8) Set tubing @ 9390'.
- 9) Install rods and put on pump.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Mike Powell

TITLE

Engineer

DATE

2/22/88

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

3-8-88

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

REC-100

MAR 14 1998

GOV
HOMES OFFICE

WELL LOCATION AND ACREAGE DEDICATION PLAT

Revised 1-1-85
Effective 1-1-85

All distances must be from the outer boundaries of the Section.

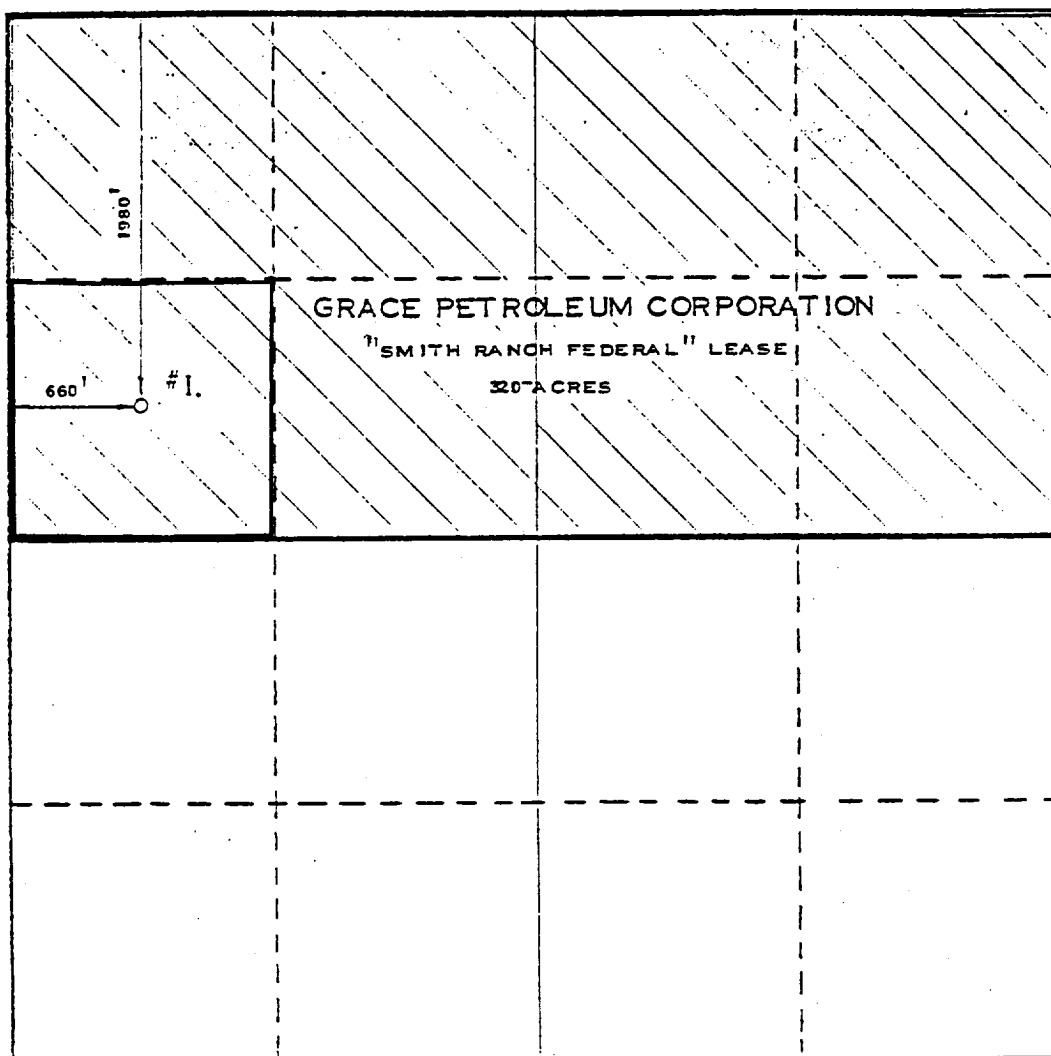
Operator GRACE PETROLEUM CORPORATION		Lease SMITH RANCH FEDERAL		Well No. 1
Unit Letter "E"	Section 11	Township -20-S	Range -33-E	County LEA
Actual Footage Location of Well:				
1980 feet from the NORTH line and		660 feet from the WEST line		
Ground Level Elev. 3571	Producing Formation MORROW	Pool UNDESIGNATED	Dedicated Acreage 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Unitization (Drilling)

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name Billy J. Knight
 Position District Production Manager
 Company Grace Petroleum Corporation
 Date April 28, 1980

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

MARCH 6, 1980

Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

Max A. Schumann Jr.
MAX A. SCHUMANN JR.

Certificate No.

1510

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

RECEIVED
MAR 14 1988
OCD
HOBBS OFFICE

12" Hydraulic BOP 3000 PSI
 12" GK Hydril 3000 WP
 160 Gallon - 7 Station Koomey Accumulator with Remote Control
 5000 lb. WP Choke Manifold
 10" 5000 WP, Double BOP

