

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 ☐

RECEIVED

MAR 13 1991

2. NAME OF OPERATOR
Greenhill Petroleum Corporation
3. ADDRESS OF OPERATOR
16010 Barkers Point, Ste., 325, Houston, TX 77079

O. C. D.
ARTESIA, OFFICE

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

At surface
Unit M: 10 FSL & 1250 FWL
At top prod. interval reported below Straight Hole
API # 30-015-26355
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
NM033775

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

North Benson Queen Grayburg

8. FARM OR LEASE NAME

9. WELL NO.

47

10. FIELD AND POOL, OR WILDCAT

North Benson Queen Grayburg

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

Sec., 27, T18S-R30E

12. COUNTY OR PARISH
Eddy Co.

13. STATE
NM

15. DATE SPUDDED 7-4-90 16. DATE T.D. REACHED 7-13-90 17. DATE COMPL. (Ready to prod.) 9-5-90 18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 3438 GR 19. ELEV. CASINGHEAD 3439

20. TOTAL DEPTH, MD & TVD 3433 MD, TVD 21. PLUG, BACK T.D., MD & TVD 3343 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-3433

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
North Benson Queen; 2785'-3324'

25. WAS DIRECTIONAL SURVEY MADE
Drift Only

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CAL/DLL/MSFL/DSNII/SLD,CBL

27. WAS WELL CORED
Yes

GR/ CAL/ DEE/ HSE/ DOW/ OEL/ OEL/ OEL

CASING RECORD (Report all strings set in well)					
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24	558	12 1/4	200 sx Howco Lite + 100 sx "C" (TOC = Surf)	
5 1/2	15.5	3423	7 7/8	700 sx Howco Lite + 320 sx 50/50 POZ (TOC = Surf)	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2 7/8	3309	None

31. PERFORATION RECORD (Interval, size and number)

See Attached Detail

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3324 - 2785	150 gal. 15% HCL NEFE Acid
	4000 gal. 12 1/2% HCL NEFE Acid

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2-2-91		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-21-91	24 hrs.			20	TSTM	71	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
25#	0		20	TSTM	71	33°	

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

Sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED

Richard J. Hupert

TITLE

Landman

DATE

2-25-91

*(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, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Zone A	2782	2805	Sandstone, Oil/Water	Queen	2778	
Penrose D	3304 No	3360 Drill	Sandstone, Oil/Water Stem Tests	Penrose	2982	
Core #1 Queen	2864	2917	Dolomite & Sandstone	Grayburg	3380	
Core #2 Queen	3133	3223	Dolomite & Sandstone			
Core #3 Queen/Penrose	3223	3313	Sandstone & Dolomite			
Core #4	3314	3374	Sandstone & Dolomite			

38. GEOLOGIC MARKERS

#31
Well # 47

Interval	Size	Number
2999-3001	22 gram	4 holes at 2 jspt.
3245-3254	" "	18 " "
3304-3309	" "	10 " "
3005-3012	" "	14 " "
3314-3324	" "	20 " "
2785-2802	" "	34 " "

Greenhill Petroleum
North Benson Queen Unit #47
Eddy County, N.M.

STATE OF NEW MEXICO
DEVIATION REPORT

RECEIVED
APR - 8 1991
O. C. D.
ARTESIA, OFFICE

558	3/4
960	3/4
1354	1 1/2
1704	1 1/2
2069	1 1/2
2479	1 1/2
2889	1
3433	1


By: Ray Peterson

STATE OF TEXAS X

COUNTY OF MIDLAND X

The foregoing instrument was acknowledged before me this 18th day of
July, 1990, by Ray Peterson on behalf of
Peterson Drilling Company.

My Commission expires: 8-2-92

Notary Public for Midland County,
Texas

