

CONS. COMMISSION
DD
Artesia, NM 86210

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

45F

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
Greenhill Petroleum Corporation
3. ADDRESS OF OPERATOR
16010 Barkers Point, Ste., 325, Houston, TX 77079
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface Unit letter 0: 1310 FSL & 2310 FEL, Sec., 28, T18S-R30E
At top prod. interval reported below Eddy Co., NM
At total depth API #: NA

RECEIVED

MAR 15 1991

O. C. D.
ARTESIA, OFFICE

5. LEASE DESIGNATION AND SERIAL NO.
NM033775
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
North Benson Queen
8. FARM OR LEASE NAME
9. WELL NO.
46
10. FIELD AND POOL, OR WILDCAT
North Benson Queen Grayburg
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 28, T18S-R30E
12. COUNTY OR PARISH
Eddy
13. STATE
NM
14. PERMIT NO.
DATE ISSUED
15. DATE SPUDDED
6-22-90
16. DATE T.D. REACHED
7-3-90
17. DATE COMPL. (Ready to prod.)
9-7-90
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
3455 GR
19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD
3410
21. PLUG, BACK T.D., MD & TVD
3320
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY
ROTARY TOOLS
CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
North Benson Queen ; 3222'-3410'
25. WAS DIRECTIONAL SURVEY MADE
No
26. TYPE ELECTRIC AND OTHER LOGS RUN
GR/CAL/DLL/DSNII/MG/SDL
27. WAS WELL CORRED
Yes

SJS

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24	537	12 1/4	150 sx Howco Lite +200 sx Howco Lite	
5 1/2	14	3406	7 7/8	100 sx Howco Lite + 400 sx Howco Lite	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	3374	None

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
See Attached Detail				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
				3222-3410	600 gal. 15% HCL NEFE Acid
					2200 gal 12% 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)	
1-29-90		Pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2/13/91	24 hrs			56	TSTM	92	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
	500#		56	TSTM	92	33°	

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

35. LIST OF ATTACHMENTS	ACCEPTED FOR RECORD
	SJS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.		
SIGNED	TITLE	DATE
Richard M. Hunt	Landman	MAR 12 1991 2-25-91

*(See Instructions and Spaces for Additional Data on Reverse Side) CARLSBAD, NEW MEXICO

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):					38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP		
					MEAS. DEPTH	TRUE VERT. DEPTH	
Zone A Queen	2747	2762	Sandstone, Oil/Water	Queen	2737		
Penrose B	2972	2984	Sandstone, Oil/Water	Penrose	2960		
C	3215	3220	Sandstone, Oil/Water	Grayburg	3341		
D	3268	3324	Sanstone, Oil/Water Drill Stem Tests				
Core #1 Queen	2731	2796	Sandstone & Dolomite				
Core #2 Queen/Penrose	2944	2994	Sandstone & Dolomite				
Core #3 Penrose	3160	3250	Sandstone & Dolomite				
Core #4 Penrose	3250	3326	Sandstone & Dolomite				