

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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

Artesia, NM 88210

LEASE DESIGNATION AND SERIAL NO.
LC-029388-D

IF INDIAN ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME

Johnson "B" Federal A/C 1

WELL NO.

12

FIELD AND POOL, OR WILDCAT

N. Shugart (Y,SR,Q,GB)

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

Sec. 11, T-18-S, R-31-E

COUNTY OR PARISH
Eddy

STATE
NM

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐ RECEIVED

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. ENVIR. ☐ Other ☐ JUN - 3 1992

2. NAME OF OPERATOR

Marathon Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 552, Midland, TX 79702 (915) 682-1626

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

At surface Unit F, 2310' FNL & 1988' FWL

At top prod. interval reported below *

At total depth *

* Not run

14. PERMIT NO.

30-015-26864

DATE ISSUED

NA

15. DATE SPUDDED

4/2/92

16. DATE T.D. REACHED

4/11/92

17. DATE COMPL. (Ready to prod.)

5/1/92

18. ELEVATIONS (OF RKB, RT, GR, ETC.)*

3750' KB

19. ELEV. CASINGHEAD

3740' GR

20. TOTAL DEPTH, MD & TVD

4450'

21. PLUG BACK T.D., MD & TVD

4350'

22. IF MULTIPLE COMPLETIONS, HOW MANY*

NA

23. INTERVALS CABLED BY

X

ROTARY TOOLS

CABLE TOOLS

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

Grayburg: 4003-4033'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-DLL-MSFL, GR-FDC-CNL, GR-CBL-CCL

27. WAS WELL CORED

Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING METHOD	AMOUNT PULLED
14"	54	40'	17 1/2"	Circ w/Redi-mix	None
8 5/8"	24	750'	12 1/4"	410 SX	None
7 7/8"	15.5	4450'	7 7/8"	1448 SX	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NA					2 7/8"	4016'	NA

31. PERFORATION RECORD (Interval, size and number)

Grayburg: 4003', 4006', 4012-33', 2 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4003-4033'	A/2000 gals 7 1/2% NEFE
	F/45,700 gals & 67,500# of
	20-40 Ottawa Sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
5/1/92		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5/15/92	24	NA	→	63	40	288	635
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
35 psi	35 psi	→	63	40	288		

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

Vented

TEST WITNESSED BY

R. D. Gaddis

35. LIST OF ATTACHMENTS

None

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

SIGNED

R. D. Gaddis

TITLE Production Engineer

DATE 5/17/92

*(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):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Grayburg	4003'	4033'	Sand, oil & gas production Cored from 4000-4050' & 4180-4213'	Yates Seven Rivers Queen Grayburg San Andres	2200' 2653' 3340' 3849' 4292'	

WELL NAME & NUMBER Johnson "B" Fed. A/C 1-#12

LOCATION Sec. 11, T18S, R31E Eddy Co., NM
(Give Unit, Section, Township and Range)

OPERATOR Marathon Oil Company P.O. Box 552 Midland, Tx 79702

DRILLING CONTRACTOR Grace Drilling Company P.O. Box 13480 Odessa, TX 79768

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>
<u>.75 271</u>	<u> </u>	<u> </u>	<u> </u>
<u>.75 479</u>	<u> </u>	<u> </u>	<u> </u>
<u>.25 981</u>	<u> </u>	<u> </u>	<u> </u>
<u>1.75 1387</u>	<u> </u>	<u> </u>	<u> </u>
<u>1.75 1419</u>	<u> </u>	<u> </u>	<u> </u>
<u>1.75 1513</u>	<u> </u>	<u> </u>	<u> </u>
<u>2.00 1672</u>	<u> </u>	<u> </u>	<u> </u>
<u>1.00 1821</u>	<u> </u>	<u> </u>	<u> </u>
<u>1.00 1986</u>	<u> </u>	<u> </u>	<u> </u>
<u>2.00 2208</u>	<u> </u>	<u> </u>	<u> </u>
<u>1.25 2429</u>	<u> </u>	<u> </u>	<u> </u>
<u>.75 2676</u>	<u> </u>	<u> </u>	<u> </u>
<u>.75 3170</u>	<u> </u>	<u> </u>	<u> </u>
<u>1.00 3667</u>	<u> </u>	<u> </u>	<u> </u>
<u>1.00 4420</u>	<u> </u>	<u> </u>	<u> </u>

Drilling Contractor Grace Drilling Company

By *L. V. Bohannon*
L. V. Bohannon - Drlg. Supt.

Subscribed and sworn to before me this 29 day of April, 1992

Becky L. Perkins
Notary Public

My Commission Expires 11/28/94 Pector County Texas

