

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
811 S. 1st St
Artesia, NM 88210-2834

SUBMIT INDICATE
(See other instructions
on reverse side)

FORM APPROVED
OMB NO. 1004-0137

Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL OIL GAS
WELL ☒ WELL ☐ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION
NEW ☐ WORK ☐ DEEP- ☐ PLUG ☐ DIFF ☐
RESVR ☐ OTHER ☐

2. i AROC (Texas) Inc.
C/O Shahara Oil, LLC
3. / 207 W McKay
Carlsbad NM 88220 (505)885-5433

4. i At surface
1600' FSL & 2550' FWL, Unit K
At top prod. interval reported below
At total depth

505-885-5433

ce with any State requirements

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5. LEASE DESIGNATION AND SERIAL NO.
NM-020030 467934

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Grayburg Jackson PSU

8. FARM OR LEASE NAME, WELL NO.
MB No. 17

9. API WELL NO.
30-015-31163

10. FIELD AND POOL, OR WILDCAT
Grayburg Jackson, 7R-QN-GB-SA

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

Section 27-T17S-R30E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

15. DATE SPUDDED 06/29/00 16. DATE TD REACHED 07/05/00 17. DATE COMP (Ready to Prod.) 07/19/00 18. ELEVATION (DF, RKB, RT, GR, ETC*) 3618' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 3650' 21. PLUGBACK TD, MD & TVD 3350' 22. IF MULTIPLE COMP., HOW MANY* 23. INTERVALS DRILLED BY all 24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*) 3123' - 3317' (Premier Sand - Grayburg) 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN GR-DLL-MLL, GR-CDL-CNL-CAL, GR-CBL-CCL 27. WAS WELL CORED No

CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	514'	12 1/4"	625 sx - circulated	none
5 1/2"	15.5 #	3650'	7 7/8"	1200 sx - circulated	none

LINER RECORD				TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	3320'	

31. PERFORATION RECORD (Interval, size, and number)
3123', 28', 29', 3203', 04', 05', 17', 21', 25', 34', 43', 51', 57', 67', 68',
69', 85', 91', 97', 3310', 11' & 17', 68', 74', 75', 86', 3474', 75', 90',
91' (30 holes)

32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL (MD) 3123' - 3491' AMOUNT AND KIND OF MATERIAL USED
Acid w/5000 gals 15% NEFE
Frac w/1000sx 11/30 sand & 200sx
12/20 w/58,900gal (20# Delta 140)

33. PRODUCTION
DATE FIRST PRODUCTION 07/20/00 PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Pumping WELL STATUS (Producing or Shut In) Producing

DATE OF TEST 08/02/00 HOURS TESTED 24 CHOKE SIZE PROD'N FOR TEST PERIOD OIL - BBL 75 GAS - MCF 45 WATER - BBL 40 GAS-OIL RATIO 600

FLOW TBG PRESS CASING PRESSURE CALCULATED 24-HOUR RATE OIL - BBL GAS - MCF WATER - BBL OIL GRAVITY - API (CORR.) 36.5 °

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold to GPM (Duke Energy) TEST WITNESSED BY Mr. Wade White

35. LIST OF ATTACHMENTS
Logs & Directional Survey

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Perry C. Hughes Executive Officer DATE 10/10/00

37 SUMMARY OF POROSITY 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).

LEVEL OF MEASUREMENT

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME		TOP	
						MEAS. DEPTH	TRUE VERT DEPTH
7-Rivers	1745'	2447'		7-Rivers		1745'	
Queen	2447'	2830'		Queen		2447'	
Grayburg	2830'	3322'		Grayburg		2830'	
San Andres	3322'	3650'		San Andres		3322'	

1745' 2447' 2830' 3322'



PATTERSON DRILLING COMPANY LP

A LIMITED PARTNERSHIP

410 North Loraine Street • Midland, Texas 79701

(915) 682-9401 • Fax (915) 682-1565

July 12, 2000

Shahara Oil, LLC
207 W. McKay
Carlsbad, New Mexico 88220

Re: Deviation Report
Grayburg Jackson Premier Sand #MB-17

Gentlemen:

The following is a deviation survey on the above-referenced well located in Eddy County, New Mexico.

480' – 0.75	1803' – 2.00
878' – 1.00	2262' – 2.25
1184' – 2.25	2751' – 2.50
1303' – 2.75	3243' – 2.25
1432' – 2.25	3614' – 2.00
1555' – 2.25	

Sincerely,

Treva Forrester

STATE OF TEXAS)
)
COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 12th day of July, 2000 by Treva Forrester.

MY COMMISSION EXPIRES:

NOTARY PUBLIC

