

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division  
811 S. 1st Street  
Artesia, NM 88210-2834  
FORM APPROVED  
OMB NO. 1004-0137  
February 28, 1995

C151

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. LC-060529	
b. TYPE OF COMPLETION NEW <input type="checkbox"/> WELL <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPI AROC (Texas) Inc. 4200 E Skelly Drive, Suite 1000 Tulsa, OK 74135 918-491-1100		7. UNIT AGREEMENT NAME	
3. ADDRESS AN 2		8. FARM OR LEASE NAME, WELL NO. Beeson "F" Federal No. 29	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *) At surface 330' FNL & 330' FEL, Unit A At top prod. interval reported below At total depth		9. API WELL NO. 30-015-31164	
14. PERMIT NO. 85-5433		10. FIELD AND POOL, OR WILDCAT Loco Hills, QN-GB-SA	
		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 31-T17S-R30E	
		12. COUNTY OR PARISH Eddy	
		13. STATE NM	

15. DATE SPUDDED 07/07/00	16. DATE TD REACHED 07/13/00	17. DATE COMP (Ready to Prod.) 07/29/00	18. ELEVATION (DF, RKB, RT, GR, ETC*) 3584' GR	19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 3400'	21. PLUGBACK TD, MD & TVD 3337'	22. IF MULTIPLE COMP., HOW MANY*	23. INTERVALS DRILLED BY all	24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*) 2769' - 3120' (Grayburg) 3212' (Vacuum) 3270' - 3309' (Lovington)
25. TYPE ELECTRIC AND OTHER LOGS RUN GR-DLL-MLL, GR-CDL-CNL-CAL, GR-CBL-CCL				26. WAS DIRECTIONAL SURVEY MADE Yes
27. WAS WELL CORED No				

28. 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#	490'	12 1/4"	325 sx - circulated	none
5 1/2"	15.5 #	3400'	7 7/8"	1075 sx - circulated	none

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"	3225'	

31. PERFORATION RECORD (Interval, size, and number) 2769', 3801', 02', 03', 04', 07', 11', 60', 80', 2905', 25', 27', 28', 55', 56', 92', 3014', 15', 34', 90', 3111', 20' (Grayburg) 3212' (Vacuum) 3270', 71', 72', 3303', 05', 07', 09' (Lovington) 30 holes	32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL (MD) 2769' - 3309' AMOUNT AND KIND OF MATERIAL USED Acid w/4000 gals 15% NEFE Frac w/800 sx 16/30 brady sand, 200 sx 12/20 brady sand.
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33. PRODUCTION							
DATE FIRST PRODUCTION 07/30/00		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Pumping				WELL STATUS (Producing or Shut In) Producing	
DATE OF TEST 08/03/00	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL 95	GAS - MCF 60	WATER - BBL 70	GAS-OIL RATIO 632
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	TEST WITNESSED BY Mr. Wade White
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35. LIST OF ATTACHMENTS Logs & Directional Survey	ORIGINAL SIGNED BY DAVID F. GLASS
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36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	SIGNED [Signature] TITLE Executive Officer	DATE 08/08/00
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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.	GEOLOGIC MARKERS	
				NAME	<div>TOP</div> <div>TRUE</div> <div>MEAS. DEPTH</div> <div>VERT DEPTH</div>
Queen	2262'	2695'	Sand cemented w/dolomitic material - oil & gas	7-Rivers	1558'
Grayburg	2695'	3144'	Sand cemented w/dolomitic material - oil & gas	Queen	2262'
San Andres	3144'	3400'	Dolomite & sand - oil & gas	Grayburg	2695'
				San Andres	3144'



# PATTERSON DRILLING COMPANY LP

A LIMITED PARTNERSHIP

410 North Loraine Street • Midland, Texas 79701

(915) 682-9401 • Fax (915) 682-1565

July 19, 2000

AROC (Texas), Inc.  
C/O Shahara Oil, LLC  
207 W. McKay  
Carlsbad, New Mexico 88220

Re: Deviation Report  
Beeson F Federal #29

Gentlemen:

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

490' – 0.75	2727' – 3.50
1093' – 1.50	2790' – 3.50
1276' – 1.00	2851' – 3.00
1738' – 1.50	2911' – 2.75
2201' – 2.50	3035' – 3.00
2355' – 3.25	3095' – 3.25
2417' – 3.50	3155' – 2.75
2479' – 3.00	3217' – 2.50
2541' – 3.00	3277' – 3.00
2635' – 3.25	3339' – 2.75
2697' – 3.00	3400' – 2.50

Sincerely,

Treva Forrester

STATE OF TEXAS )

COUNTY OF MIDLAND )

The foregoing was acknowledged before me this 19<sup>th</sup> day of July, 2000 by Treva Forrester.

MY COMMISSION EXPIRES:

NOTARY PUBLIC

