

Form 3160-4
(November 1983)
(formerly 9-330)

Confidential

UNITED STATES

SUBMIT IN DUPLICATE*

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM14847																			
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME --																			
2. NAME OF OPERATOR Beach Exploration, Inc.		7. UNIT AGREEMENT NAME --																			
3. ADDRESS OF OPERATOR 800 N. Marienfeld Suite 200 Midland, Texas 79701		8. FARM OR LEASE NAME Phillips Federal																			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 560' FSL & 1cX0' FEL (Unit 0) At top prod. interval reported below (SW/4 SE.4) At total depth Same		9. WELL NO. 1																			
14. PERMIT NO. O C. D.		10. FIELD AND POOL, OR WILDCAT GRABULS JACKSON SK-2-5-54 Cave																			
15. DATE SPUDDED 11-27-86		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 7, T17S, R29E																			
16. DATE T.D. REACHED 12-4-86		12. COUNTY OR PARISH Eddy																			
17. DATE COMPL. (Ready to prod.) 12-30-86		13. STATE NM																			
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3679.9 GL		19. ELEV. CASINGHEAD																			
20. TOTAL DEPTH, MD & TVD 2552'		21. PLUG, BACK T.D., MD & TVD 2546'																			
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY XX																			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Lovington Zone - 2501-2505, Premier Zone - 2402-2414		25. WAS DIRECTIONAL SURVEY MADE NO																			
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Laterolog, Compensated Netron Litho Log		27. WAS WELL CORED NO																			
28. CASING RECORD (Report all strings set in well)																					
<table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>8 5/8"</td><td>24#</td><td>310'</td><td>12 1/4"</td><td>250 Sxs C1 C</td><td></td></tr><tr><td>4 1/2"</td><td>10.5#</td><td>2552'</td><td>7 7/8"</td><td>500 Sxs Hal Lite + 50/50 Poz</td><td></td></tr></tbody></table>				CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	8 5/8"	24#	310'	12 1/4"	250 Sxs C1 C		4 1/2"	10.5#	2552'	7 7/8"	500 Sxs Hal Lite + 50/50 Poz	
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED																
8 5/8"	24#	310'	12 1/4"	250 Sxs C1 C																	
4 1/2"	10.5#	2552'	7 7/8"	500 Sxs Hal Lite + 50/50 Poz																	
29. LINER RECORD																					
<table border="1"><thead><tr><th>SIZE</th><th>TOP (MD)</th><th>BOTTOM (MD)</th><th>BACKS CEMENT*</th><th>SCREEN (MD)</th></tr></thead><tbody><tr><td>None</td><td></td><td></td><td></td><td></td></tr></tbody></table>				SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	None												
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)																	
None																					
30. TUBING RECORD																					
<table border="1"><thead><tr><th>SIZE</th><th>DEPTH SET (MD)</th><th>PACKER SET (MD)</th></tr></thead><tbody><tr><td>2 3/8"</td><td>2451</td><td></td></tr></tbody></table>				SIZE	DEPTH SET (MD)	PACKER SET (MD)	2 3/8"	2451													
SIZE	DEPTH SET (MD)	PACKER SET (MD)																			
2 3/8"	2451																				
31. PERFORATION RECORD (Interval, size and number)																					
2404-2414 JAN 2 9 1987 2501-2505 CARLSBAD, NEW MEXICO																					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																					
<table border="1"><thead><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr></thead><tbody><tr><td>2404-2414</td><td>Acidized w/1500 Gals NeFe Acid</td></tr><tr><td>2501-2505</td><td>Fraced w/40,000 Gals Gelled 2% KCL Water + 24000# 20/40 Sand + 30000# 12/20 Sand</td></tr></tbody></table>				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	2404-2414	Acidized w/1500 Gals NeFe Acid	2501-2505	Fraced w/40,000 Gals Gelled 2% KCL Water + 24000# 20/40 Sand + 30000# 12/20 Sand												
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED																				
2404-2414	Acidized w/1500 Gals NeFe Acid																				
2501-2505	Fraced w/40,000 Gals Gelled 2% KCL Water + 24000# 20/40 Sand + 30000# 12/20 Sand																				
33. PRODUCTION																					
<table border="1"><thead><tr><th>DATE FIRST PRODUCTION</th><th>PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)</th><th>WELL STATUS (Producing or shut-in)</th></tr></thead><tbody><tr><td>12-29-86</td><td>Pumping 2" / 1 1/2" X 12"</td><td>Producing</td></tr></tbody></table>				DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)	12-29-86	Pumping 2" / 1 1/2" X 12"	Producing												
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)																			
12-29-86	Pumping 2" / 1 1/2" X 12"	Producing																			
<table border="1"><thead><tr><th>DATE OF TEST</th><th>HOURS TESTED</th><th>CHOKE SIZE</th><th>PROD'N. FOR TEST PERIOD</th><th>OIL—BBL.</th><th>GAS—MCF.</th><th>WATER—BBL.</th><th>GAS-OIL RATIO</th></tr></thead><tbody><tr><td>1-23-87</td><td>24</td><td>2"</td><td></td><td>40</td><td>32</td><td>25</td><td>800</td></tr></tbody></table>				DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	1-23-87	24	2"		40	32	25	800		
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO														
1-23-87	24	2"		40	32	25	800														
<table border="1"><thead><tr><th>FLOW. TUBING PRESS.</th><th>CASING PRESSURE</th><th>CALCULATED 24-HOUR RATE</th><th>OIL—BBL.</th><th>GAS—MCF.</th><th>WATER—BBL.</th><th>OIL GRAVITY-API (CORR.)</th></tr></thead><tbody><tr><td></td><td>240#</td><td></td><td></td><td></td><td></td><td>33.5</td></tr></tbody></table>				FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		240#					33.5				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)															
	240#					33.5															
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented till gas pipeline connected																					
35. LIST OF ATTACHMENTS 1 Set Logs, Inclination Report																					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																					
SIGNED <i>Delena D. Stom</i> TITLE Production DATE 1-26-87																					

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Yates	820					
7 Rivers	1045					
Queen	1647					
Penrose	1887					
Grayburg	2057					
Premier	2397					
San Andres	2427					