

N. M. OIL CONS. COM. UNITED STATES

P. O. BOX 1089
DEPARTMENT OF THE INTERIOR
HOBBS, NEW MEXICO 88240
GEOLOGICAL SURVEY

SUBMIT IN DUPLIC.

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

LC-063427

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Arco-Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Sawyer (San Andres) Assoc.

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREASec. 25, T-9-S, R37E
1980' FNL & 1980' FEL12. COUNTY OR
PARISH

Lea

13. STATE

NM

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

Beach Exploration Inc.

3. ADDRESS OF OPERATOR

800 N. Marienfeld, Suite 200, Midland Texas 79701

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

At surface 1980' FNL & EL Sec. 25, Unit "G"

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

N/A

DATE ISSUED

1-25-83

15. DATE SPUDDED

1-27-83

16. DATE T.D. REACHED

2-3-83

17. DATE COMPL. (Ready to prod.)

4-28-83

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

3500.8 GR

19. ELEV. CASINGHEAD

3500

20. TOTAL DEPTH, MD & TVD

5000'

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

4996

22. IF MULTIPLE COMPL.,
HOW MANY*

None

23. INTERVALS
DRILLED BY

XXX

ROTARY TOOLS

CABLE TOOLS

-

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

4924-4982 (San Andres)

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Density, Guard Foroxo, Computer Analysis, Dual Spcd.

27. WAS WELL CORED

No

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#	395'		250 sx Cl-C	None
4 1/2"	10.5#	5000'		1100 sx Cl-C and 300	
				sx Cl-C w/50/50 poz	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
			None		2 3/8"	4957	None

31. PERFORATION RECORD (Interval, size and number)

4924-4982' 11 holes
4924-4934' 14 holes
4973-4982' 11 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4924-82	150# salt block w/acid w/ 7 balls every 500 gal

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
4-28-83		Pump 2 x 1½ x 12' Plunger				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-6-83	24	2"Open	→	7	11.0	3	1572
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
20	20	→	-	ACCEPTED FOR	-	38.6	

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

Selling to Warren Petroleum Co.

ACCEPTED FOR RECORD
(ORIG. SGD.) DAVID R. GLASS
MAY 25 1983

35. LIST OF ATTACHMENTS

Inclination reports, Logs

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

SIGNED

Lynna Stoten

TITLE

Agent

DATE

5-10-83

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 33.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORREL INTERVALS; AND ALL DAIL-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
Yates	2918	3050	F-Mg	Yates	2918	
San Andres	4192		Dolomite	Anhydrite	3050	
San Andres (Por)	4916		Dolomite	Queen San Andres Marker San Andres (Por)	3636 4194 4762 4916	

FEB 16 1983

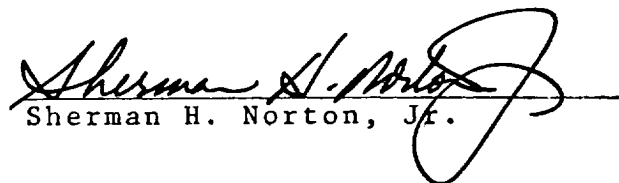
Deviation surveys taken on Beach Exploration, Inc.'s Arco-Federal #1 well in Lea County, New Mexico:

<u>Depth</u>	<u>Degree</u>
395	.50
1337	1.00
1928	1.00
2875	.75
3852	.75
4217	.75
5000	.75

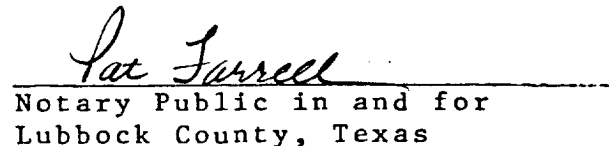
I hereby certify that I have personal knowledge of the date and facts placed on this sheet and that such information given above is true and complete.


Norton Drilling Company

Before me, the undersigned authority, on this day personally appeared Sherman H. Norton, Jr., known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is the drilling contractor of the well identified in this instrument and that such well was not intentionally deviated from the vertical whatsoever.


Sherman H. Norton, Jr.

SWORN AND SUBSCRIBED TO before me this 15th day of February 1983.


Notary Public in and for
Lubbock County, Texas