

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well ☒ gas well ☐ other

2. NAME OF OPERATOR
Beach Exploration, Inc.

3. ADDRESS OF OPERATOR 79701
800 N. Marienfeld Suite 200, Midland, Texas

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 660' FNL and FEL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) Completion Report

5. LEASE LC-063427

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Arco A Federal

9. WELL NO.

Well No. 1

10. FIELD OR WILDCAT NAME

Sawyer (San Andres)

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

Sec. 25, T9S, R37E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
3959.5

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

10-8-84 Tripping @4512', Made 214' Last 24 hrs. Bit #3, 7 7/8" 586F, WOB 43,000, 60 RPM, 1400 PP, 90 SPM, 10@4512'. Mwt. 10.2#, Vis 32

10-9-84 Drilling @4732', made 220' last 24 Hrs., Bit No. 4 7 7/8" J44C in @4512' 220 FOB, 21 3/4 Hrs. Bwt. 42,000#, RPM 55, PP 1575, 10@4512'. Mwt. 10.2, Vis 37, WL 17

10-10-84 Drilling @4902, 170' last 24 hrs., Bit #4, FOB 390' 45 Hrs., WOB 43,000 55 RPM, 1575 PP, 90 SPM GPM 265 6" Liner. Mt 10.6 #, Vis 32, WL 19

10-11-84 Logging at 5014', 112' Last 24 Hrs. Bit #4 7 7/8" J-44C, 502 FOB, WOB 43,000, 55 RPM, 1575 PP, 90 SPM, 265 GPM. Mwt. 10.5#, Vis 42, WL 14, 10@ 5014'

10-12-84 Cemented 122 Jts. 4 1/2", 10.5#/ft. K-55, LT&C Casing, 8 Centralizers, Cement W/1100 Sx C1C 3% Econolite, 6# Salt, 1/4" Flocele, Tail W/225 Sx 50/50

POZ, 2% Gel, 6# salt, 1/4# Flocele, Circ 70 Sx plug down @ 10:05AM Released

Drilling Rig at 11:00PM 10-11-84.

See attachment

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Carl Seal TITLE Vice Pres. DATE 11-2-84

ACCEPTED FOR RECORD

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL NOV 7 1984

Carl Seal

NEW MEXICO

*See Instructions on Reverse Side

3:30 PM Well flowed 12 BBLS fluid

11-1-84

Well did not flow during night. Swabbed 11:00 AM, 15 runs, 28 BBLS Oil, 25 BBLS Water, Fluid level 2500', 390# on csg. 32/64 choke, SD at 4:00PM

11-2-84 for electricity.

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

<u>Depth</u>	<u>Degree</u>
371	.50
1371	.75
2131	1.00
3130	1.00
4130	.75
4512	1.00
5014	1.00

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.

S. Howard Norton
Norton Drilling Company

Before me, the undersigned authority, on this day personally appeared S. Howard Norton, 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.

S. Howard Norton
S. Howard Norton

SWORN AND SUBSCRIBED TO before me this 17th day of October 1984.

Paz Farrell
Notary Public in and for
Lubbock County, Texas.

RECEIVED

NOV -9 1984

O.C.D.
MOBES OFFICE

Arco A Federal Well No. 1
660' FNL and 660' FEL
Sec. 25, T9S, R37E
Lea Co., New Mexico
Sawyer (San Andres)

10-13-84 to 10-25-84

Unable to get into location due to rain

10-25-84

MIRU Clarke Well Servicing Unit, WIH Found TD 5008" KB, Circ 150 BBLS 2% KCL Water, POOH prep to perforate. Perfs 4913-4993, ran gamma ray, acidized with 300 Gals Acid. GIH w?HOWCO PIP Pkr, test @3000#

10-27-84

Flow back N₂ and flush, then well started spray, SI at 30', moved line, well flowed 15', then died. Ran swab flowed @1200'-50% H₂O, 50% OIL, strong blow of gas. 2nd Run - flowed @1800' 60% H₂O 40% oil Flowed 15'. Could not get tank until Monday 10-29-84

10-30-84

FL@2000' made one swab run (1500') 50% oil and 50% acid water, well kicked off flowing, First hr. flowed 21 BBLS total fluid, second hr. flowed 9 bbls, total fluid sample cuts showed 80% - 90% oil. Left open overnight. Flowed 4 BBLS ON this am 1st swab run FL#2400' pulled 1500' fluid 30% acid water 70% oil and emulsion. Equalized Pkr. start out of hole. Remove BOP will run BHA to pump and release to pumper.

10-31-84

7 AM Dead. Made 4 BBLS fluid, ran swab, fluid 2400' down, pulled 1500' fluid, emulsion showed approx. 30% acid water and oil. Equalized pkr. pulled tbg. reran for production, ran 1 jt. mud anchor, 4' perf. nipple, setting nipple, 2 jts. tbg, Baker tbg. anchor catcher with 3000# sheer pins, then ran 150 jts. tbg, set anchor, 10 pts. tension, Bottom of tbg 4983' KB Setting Nipple 4950'. TAC 4885', ran swab 1st fluid level 3000' down, last fluid level 4200' down, pulled swab 5 times, recovered 24 BBLS fluid, 60% load Water, and oil. Left open overnight 42/64 choke, RDPU, ordered swab rig

3:30 PM Well flowed 12 BBLS fluid

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**O.C.D.
HOBBS OFFICE**