Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
NMNM106832X

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM106832X
West High Lonesome Unit

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other Waterflood Unit

8. Well Name and No. WHLPSU
17

2. Name of Operator
BEACH EXPLORATION, INC

9. API Well No.
30-015-25733

3a. Address
800 N. MARIENFELD, STE 200, MIDLAND, TX

3b. Phone No. *(include area code)*
915-683-6226

10. Field and Pool, or Exploratory Area
High Lonesome Queen

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sections 17,18, T-16-S, R-29-E

11. County or Parish, State
Eddy County, New Mexico

JUN 2003
RECEIVED
OCD - ARTESIA

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☒ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

WHLPSU 1

5/21/02 Treated down 2 3/8" x 4 1/2" annulus w/250gal xylene

5/22/02 Stacked rods out. Loaded and press tested tbg to 2500psi. Layed down rods and pump. POOH w/tbg RIH w/bit and scraper. Clean out to 1690'. POOH. RIH w/tbg and pkr. Set pkr, acidized w/300gal 15% NEFE acid. Well on vacuum. POOH. Laying down tbg. Sent tbg to Rice Engineering for Duo-10 lining.

7/23/02 RIH w/4 1/2" PC AD-1 packer, PC seating nipple, 50 jts 2 3/8" J-55 Duo-10 lined tbg. Bottom of packer @ 1581.82'. Loaded backside of packer w/25bbls packer fluid, set packer w/26 pts, pressure tested backside. Tested OK. RD

7/26/02 OCD conducted injection well integrity test. Well passed (chart at OCD in Artesia)

See attached pages 2 & 3

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Lizbeth Lodle

Title Engin. Analyst

Signature Lizbeth Lodle

Date June 13, 2003

ACCEPTED FOR RECORD
JUN 24 2003
LES BABYAK
PETROLEUM ENGINEER

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Approved as to plat - NMOCD

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

WHLPSU 3
5/21/02 Treated down 2 3/8" x 4 1/2" annulus w/250gal xylene
5/24/02 Stacked rods out. Loaded and press tested tbg to 2500psi. Layed down rods and pump. POOH w/tbg RIH w/bit and scraper. Clean out to 1784'. POOH. RIH w/tbg and pkr. Set pkr, acidized w/300gal 15% NEFE acid. Well on vacuum. POOH. Laying down tbg. Sent tbg to Rice Engineering for Duo-10 lining.
7/22/02 RIH w/4 1/2" PC AD-1 packer, PC seating nipple, 52 jts 2 3/8" J-55 Duo-10 lined tbg. Bottom of packer @ 1643.84'. Loaded backside of packer w/22bbls packer fluid, set packer w/24 pts, pressure tested backside. Tested OK. RD
7/26/02 OCD conducted injection well integrity test. Well passed (chart at OCD in Artesia)

WHLPSU 5
5/21/02 Treated down 2 3/8" x 4 1/2" annulus w/250gal xylene
5/24/02 Stacked rods out. Loaded and press tested tbg to 2500psi. Layed down rods and pump. Tbg stuck.
5/28/02 Ran free-point. Tbg free at 1790' (PBTD 1840', bottom perf 1764'). Chem cut tbg at 1788' RIH w/bit and scraper. Clean out to 1788'. POOH. RIH w/tbg and pkr. Set pkr, acidized w/300gal 15% NEFE acid. Well on vacuum. POOH. Laying down tbg. Sent tbg to Rice Engineering for Duo-10 lining.
7/19/02 RIH w/4 1/2" PC AD-1 packer, PC seating nipple, 54 jts 2 3/8" J-55 Duo-10 lined tbg. Bottom of packer @ 1649.20'. Loaded backside of packer w/22bbls packer fluid, set packer w/24 pts, pressure tested backside. Tested OK. RD
7/26/02 OCD conducted injection well integrity test. Well passed (chart at OCD in Artesia)

WHLPSU 12
5/21/02 Treated down 2 3/8" x 5 1/2" annulus w/250gal xylene
5/22/02 Stacked rods out. Loaded and press tested tbg to 2500psi. Layed down rods and pump. POOH w/tbg RIH w/bit and scraper. Clean out to 1660'. POOH. RIH w/tbg and pkr. Set pkr, acidized w/300gal 15% NEFE acid. Well on vacuum. POOH. Laying down tbg. Sent tbg to Rice Engineering for Duo-10 lining.
7/22/02 RIH w/5 1/2" 17-20# PC AD-1 pkr, PC seating nipple, 48 jts 2 3/8" J-55 Duo-10 lined tbg. Bottom of pkr @ 1505.54'. Loaded backside of packer w/40bbls packer fluid, set packer w/28 pts, pressure tested backside. Tested OK. RD
7/26/02 OCD conducted injection well integrity test. Well passed (chart at OCD in Artesia)

WHLPSU 13
5/21/02 Treated down 2 3/8" x 7" annulus w/250gal xylene
5/24/02 Stacked rods out. Loaded and press tested tbg to 2500psi. Pump stuck. Layed down rods.
5/28/02 POOH w/tbg. RIH w/bit and scraper. Clean out to 1760'. POOH. RIH w/tbg and pkr. Set pkr, acidized w/300gal 15% NEFE acid. Well on vacuum. POOH. Laid down tbg. Sent tbg to Rice Eng for Duo-10 lining
7/15/02 RIH w/7" PC AD-1 packer, PC seating nipple, 49 jts 2 3/8" J-55 Duo-10 lined tbg. Bottom of packer @ 1538.64'. Loaded backside of packer w/65bbls packer fluid, set packer, pressure tested backside Tested OK. RD
7/25/02 OCD conducted injection well integrity test. Well did not pass. Shallow csg leak.
8/9/02 RU Re-Entry People release pkr. POOH w/tbg. Dumped and washed 38.1 cuft of masonary sand down csg. Welded 8 5/8" csg to 7" csg. Cut 7" csg off and welded 7" 8rd nipple to 7" csg. SDFN
8/12/02 RIH w/tbg, tagged sand @ 1675', washed sand to 1760'. Circulated 1/2 hr. POOH; RIH w/55 jts 5 1/2" 15.5# LT & C D &T csg set csg @ 1757'. Insert Float @ 1725'. Weld on 5 1/2" x 7" bell nipple. RU FCI, mixed and pumped 135 sxs C neat cmt w/2% CaCl. Displaced w/42 bbls of water, bumped plug at 5:51 pm w/620 psi. Cement circulated to surface. SI SDFN.
8/13/02 RIH w/4 3/4" bit. Drld insert float at 1725'. Drld cmt 1725' to 1760'. Wahed sand from 1760' to 1805'. Drld hard fill from 1805 to 1815'. Circ hole 3/4 hr. POOH. RIH w/ 5 1/2" PC AD-1 packer, PC SN, and 54 jts of 2 3/8" J55 4.7# Duo-10 lined tbg. Bot of packer at 1689'. Pumped 38 bbl packer fluid down annulus. Set packer w/28 pts. Test backside to 500 psi. OK. Test pumped down injection tbg at 2 BPM (2880 BWPD) at 700psi. SI RD.
8/27/02 OCD conducted injection well integrity test. Well passed (chart at OCD in Artesia)

WHLPSU 14
5/21/02 Treated down 2 3/8" x 4 1/2" annulus w/250gal xylene
5/22/02 Loaded and press tested tbg to 2500psi. POOH w/tbg. RIH w/bit and scraper. Clean out to 1760'. POOH. RIH w/tbg and pkr. Set pkr, acidized w/300gal 15% NEFE acid. Well on vacuum. POOH. Laying down tbg. Sent tbg to Rice Engineering for Duo-10 lining.
7/19/02 RIH w/4 1/2" PC AD-1 packer, PC seating nipple, 53 jts 2 3/8" J-55 Duo-10 lined tbg. Bottom of packer @ 1649.20'. Loaded backside of packer w/22bbls packer fluid, set packer w/18 pts, pressure tested backside. Tested OK. RD
7/26/02 OCD conducted injection well integrity test. Well passed (chart at OCD in Artesia)

WHLPSU 15

5/21/02 Treated down 2 3/8" x 4 1/2" annulus w/250gal xylene

5/23/02 Stacked rods out. Loaded and press tested tbg to 2500psi. Layed down rods and pump. POOH w/tbg RIH w/bit and scraper. Clean out to 1798'. POOH. RIH w/tbg and pkr. Set pkr, acidized w/300gal 15% NEFE acid. Well on vacuum. POOH. Laying down tbg. Sent tbg to Rice Engineering for Duo-10 lining.

7/18/02 RIH w/4 1/2" PC AD-1 packer, PC seating nipple, 53 jts 2 3/8" J-55 Duo-10 lined tbg. Bottom of packer @ 1648.44'. Loaded backside of packer w/22bbls packer fluid, set packer w/18 pts, pressure tested backside. Tested OK. RD

7/26/02 OCD conducted injection well integrity test. Well passed (chart at OCD in Artesia)

WHLPSU 17

5/21/02 Treated down 2 3/8" x 5 1/2" annulus w/250gal xylene

5/24/02 Stacked rods out. Loaded and press tested tbg to 2500psi. Layed down rods and pump. POOH w/tbg RIH w/bit and scraper. Clean out to 1761'. POOH. RIH w/tbg and pkr. Set pkr, acidized w/300gal 15% NEFE acid. Well on vacuum. POOH. Laying down tbg. Sent tbg to Rice Engineering for Duo-10 lining.

7/17/02 RIH w/5 1/2" PC AD-1 packer, PC seating nipple, 52 jts 2 3/8" J-55 Duo-10 lined tbg. Bottom of packer @ 1636.33'. Loaded backside of packer w/36bbls packer fluid, set packer w/26 pts, pressure tested backside. Tested OK. RD

7/26/02 OCD conducted injection well integrity test. Well passed (chart at OCD in Artesia)

WHLPSU 21

5/21/02 Treated down 2 3/8" x 4 1/2" annulus w/250gal xylene

5/23/02 Stacked rods out. Loaded and press tested tbg to 2500psi. Layed down rods and pump. POOH w/tbg RIH w/bit and scraper. Clean out to 1825'. POOH. RIH w/tbg and pkr. Set pkr, acidized w/300gal 15% NEFE acid. Well on vacuum. POOH. Laying down tbg. Sent tbg to Rice Engineering for Duo-10 lining.

7/17/02 RIH w/4 1/2" PC AD-1 packer, PC seating nipple, 53 jts 2 3/8" J-55 Duo-10 lined tbg. Bottom of packer @ 1704.01'. Loaded backside of packer w/18bbls packer fluid, set packer w/24 pts, pressure tested backside. Tested OK. RD

7/26/02 OCD conducted injection well integrity test. Well passed (chart at OCD in Artesia)

WHLPSU 23

5/21/02 Treated down 2 3/8" x 7" annulus w/250gal xylene

5/24/02 Stacked rods out. Loaded and press tested tbg to 2500psi. Layed down rods and pump. POOH w/tbg RIH w/bit and scraper. Clean out to 1548'. POOH. RIH w/tbg and pkr. Set pkr, acidized w/300gal 15% NEFE acid. Well on vacuum. POOH. Laying down tbg. Sent tbg to Rice Engineering for Duo-10 lining.

7/16/02 RIH w/7" PC AD-1 packer, PC seating nipple, 49 jts 2 3/8" J-55 Duo-10 lined tbg. Backside would not load. Isolated 7" csg leak between 258' and 320'. POOH. Laid down PC tbg. RD

8/5/02 RU Re-Entry People. Dumped 51.2 cubic ft mortar sand, break off old wellhead. Weld 7" 8rd nipple to 7" csg collar above clamp.

8/6/02 Installed Figure 92 7" csg head. RIH w/57 jts tbg, tagged sand @ 1789'. Dumped 146 cubic ft in well. Tagged sand @ 1695'. POOH. Fluid now standing 225' from surface. Dumped 32 cubic ft. sand in well. Total sand in well 230 cubic ft. SDFN

8/7/02 RIH w/44 jts 5 1/2" 17# J-55 LT&C D&T csg set @ 1691'. Insert float @ 1648'. RU FCI Cementers. Pumped 125 sx C neat w/ 2% CaCl. Dropped plug and displaced w/40 bbls fresh water. Bumped plug w/620 psi. Had circ during entire job. Cmt circulated to surface. SI SDFN

8/8/02 RIH w/ 4 3/4" bit and tbg. Drld float at 1650'. Drld cmt to 1695' and into sand. Circ sand out to 1821'. Circ for 3 hrs. POOH laying down tbg. RIH w/ 5 1/2" PC AD-1 packer, PC SN, and 52 jts of 2 3/8" J55 Duo-10 lined tbg. Bot of packer at 1640.25'. SI SDFN

8/9/02 Pumped 36 bbl pkr fluid down annulus. Set packer w/26 pts. Press up on backside - OK. RU to tbg and test pumped 1 BPM at 600 psi (1440 BWPD) SI RD

8/27/02 OCD conducted injection well integrity test. Well passed (chart at OCD in Artesia)

WHLPSU 25

5/21/02 Treated down 2 3/8" x 5 1/2" annulus w/250gal xylene

5/23/02 Stacked rods out. Loaded and press tested tbg to 2500psi. Layed down rods and pump. POOH w/tbg RIH w/bit and scraper. Clean out to 1832'. POOH. RIH w/tbg and pkr. Set pkr, acidized w/300gal 15% NEFE acid. Well on vacuum. POOH. Laying down tbg. Sent tbg to Rice Engineering for Duo-10 lining.

7/18/02 RIH w/5 1/2" PC AD-1 packer, PC seating nipple, 54 jts 2 3/8" J-55 Duo-10 lined tbg. Bottom of packer @ 1713.78'. Loaded backside of packer w/36bbls packer fluid, set packer w/24 pts, pressure tested backside. Tested OK. RD

7/26/02 OCD conducted injection well integrity test. Well passed (chart at OCD in Artesia)

WHLPSU 27

5/21/02 Treated down 2 3/8" x 5 1/2" annulus w/250gal xylene

5/23/02 Stacked rods out. Loaded and press tested tbg to 2500psi. Layed down rods and pump. POOH w/tbg RIH w/bit and scraper. Clean out to 1816'. POOH. RIH w/tbg and pkr. Set pkr, acidized w/300gal 15% NEFE acid. Well on vacuum. POOH. Laying down tbg. Sent tbg to Rice Engineering for Duo-10 lining.

7/17/02 RIH w/5 1/2" PC AD-1 packer, PC seating nipple, 53 jts 2 3/8" J-55 Duo-10 lined tbg. Bottom of packer @ 1712.66'. Loaded backside of packer w/packer fluid, attempted to pressure test backside; well head rubbers not sealing. Will replace Thursday & test. RD

7/18/02 Unflange wellhead, install new pack-off plate & rubber. Flanged up wellhead. Test backside. Tested Ok

7/26/02 OCD conducted injection well integrity test. Well passed (chart at OCD in Artesia)