

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

**RECEIVED**  
NOV 26 2014

WELL API NO.

30-015-10235

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil &amp; Gas Lease No.

## 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 "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☐ Other ☒ INJECTION

2. Name of Operator

BEACH EXPLORATION, INC.

3. Address of Operator

800 NORTH MARIENFELD, SUITE 200, MIDLAND, TX 79701

7. Lease Name or Unit Agreement Name  
EASTLAND QUEEN UNIT

8. Well Number 17

9. OGRID Number

1903

10. Pool name or Wildcat

TURKEY TRACK; 7RVRS-QU-GB-SA

4. Well Location

Unit Letter K; 1,470 feet from the SOUTH line and 2,420 feet from the WEST lineSection 1 Township 19S Range 29E NMPM EDDY County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

RKB 3418

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

## 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

## NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒TEMPORARILY ABANDON ☐ CHANGE PLANS ☐PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐OTHER: ☐

## SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐ P AND A ☐CASING/CEMENT JOB ☐OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach or recompletion.

## CONDITIONS OF APPROVAL ATTACHED

## Procedure:

Approval Granted providing work is  
Completed by

Nov 26, 2015

1. RU Pluggers. ND wellhead. NU BOP.
2. Run 2 3/8" tbg to PBTD (2330'). Load hole with 9.5 ppg mud. Pull tbg to 1546'.
3. Mix and pump 25sx Class C cmt plug (combination Yates and Base of Salt plug). POOH. WOC. Tag plug at 1445' or less.
4. POOH. RU wireline and cut 4 1/2" csg at 415'. RIH w/ tbg to 465'.
5. Mix and pump 60sx Class C cmt plug (combination 4 1/2" stub and 8 5/8" shoe plug). POOH. WOC. Tag plug at 315' or less.
6. RIH w/ tbg to 315' or top of previous plug. Mix and pump 100sx Class C cmt plug.
7. If cmt circulates. WOC. Cut off csg 3' below ground level. Install 4" dry hole marker with 4' above ground with required info stenciled on pipe.
8. If cmt does not circulate, WOC. Tag plug 76' or less.
9. Pump cmt to surf. WOC. Cut off csg 3' below ground level. Install 4" dry hole marker with 4' above ground with required info stenciled on pipe.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

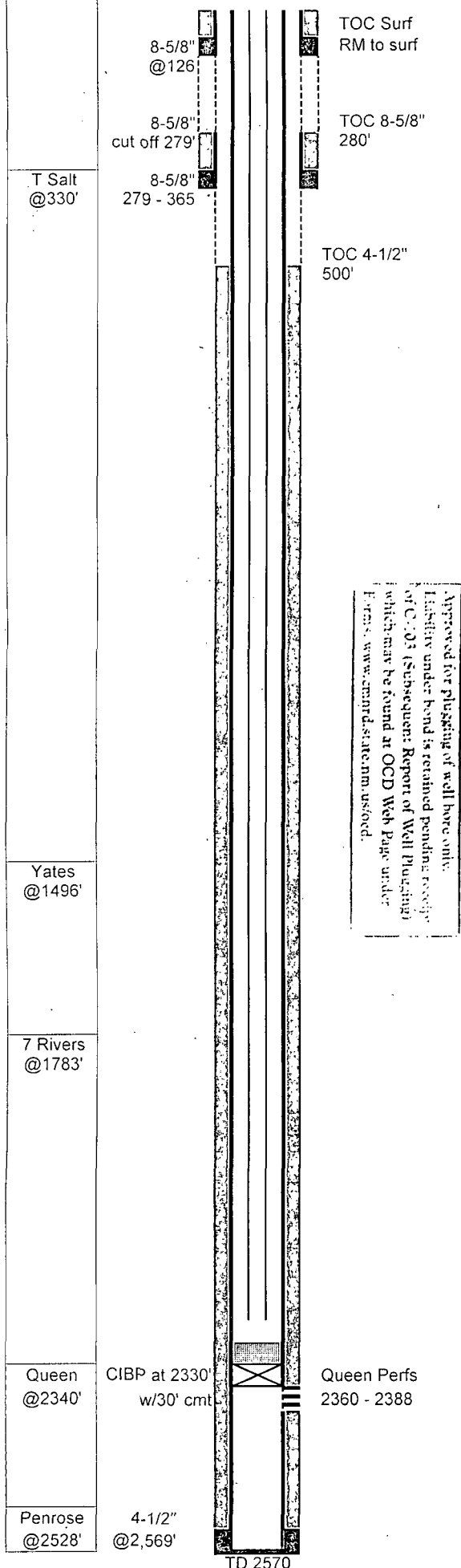
SIGNATURE Jack M. Rose TITLE Engineer DATE November 24 th, 2014Type or print name Jack M. Rose E-mail address: bmartin@beachexp.com Telephone No. (432) 683-6226

## For State Use Only

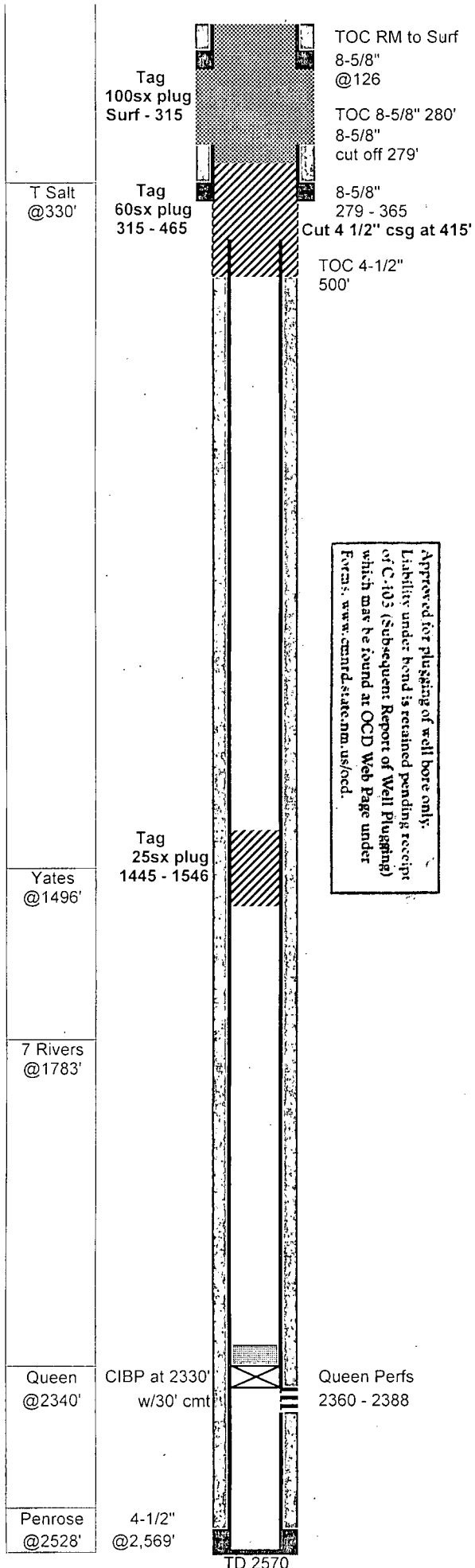
APPROVED BY: R Wade TITLE Dist # Supervisor DATE 11/26/14

Conditions of Approval (if any):

\* See Attached COA's



EQU #17 (P.J. State A #9)									
GL:	3,412	Status:	TA'd Injector						
KB:	3,418	Perfs:	Queen 2360 - 2388						
TD:	2,570	API:	30-015-10235-0001						
PBD:	2516, 2305	NM Lse:	036974						
Fr. Wtr:		Field:	Turkey Track (Sr-Qn-Gb-Sa)						
Legal:	1,470 from S 2,420 from W	Logs:	CNL, LDL, DLL						
Section:	1-K	Archeological:							
Township:	19S								
Range:	29E								
County:	Eddy								
Casing	Wt	Type	Set	Cmt	Hole	TOC	Method	S(ft <sup>3</sup> )	
8-5/8"	28.00	used	365	50	10"	280	279' csg pulled		
8-5/8"			126	RM10yd	9-7/8"	Surf	filled backside		
7"			350	0	7-7/8"	csg run -	pulled after 4-1/2"		
4-1/2"	10.5		2,569	500	6-1/4"	500'	Temp Surv		
1-Nov-63	Spud well								
29-Dec-63	<b>Kersey &amp; Co. - Leonard #1</b> D&A to 2570 - set 8-5/8" csg at 365', dird to 2570' w/8-1/4" bit 25 sx plug at 2570', 20 sx plug at 1173' Base of salt, 20 sx plug at 365' csg shoe 20sx plug at 365' surf csg shoe plug, mud between plugs recovered 278.8' surf csg, mudded to surf and set 4" marker at surf								
28-Jun-89	Reenter P&A well to 2570 <b>Fred Pool - P.J. State A #9</b> CO to 162' w/ 9-7/8" bit, ran 126' 8-5/8" csg cmted w/10yds of ready mix to surf CO to 350' w/7-7/8" bit and ran 350' 7" csg as a temporary conductor string Drilled w/ 6-1/4" bit plugs at 365', 1173' and went to 2570' CO to 2570' w/6-1/4" bit, ran 4-1/2" csg 2569', pulled 7" csg. cmt'd 4-1/2" csg								
11-Jul-89	<b>Queen Completion</b> Perf 2360-2388 12 holes 0.38" acidized w/1500 gal 15% HCL frac w/28Mgal gel wtr, 21.6M# 20/40, 35.6M# 12/20								
15-Jul-89	IP: Pumping 22 BO 42 BW 10 MCF 24 hrs 32 API 454 GOR <b>Recondition to Queen flood producer</b>								
23-Sep-08	Pulled rods and pump and tbg								
24-Sep-08	Ran bit & scraper to 2390'. Had to rotate thru Qn perfs 2380-2388 (bot 8' of 28' of perfs). Ran production tubing, rods and pump								
2-Sep-09	<b>Convert to Queen Injection</b> Pulled rods, pump and tubing. Picked up 1 jt and tagged PBTD 2,390'. POOH and laid down 76 jts. Ran 4 1/2" PC AD-1 pkr, PC SN and 74 jts Glassbore tbg. Circ csg and tbg w/45 bbls pkr fluid, set pkr w/22 pts tension, loaded backside w/15 bbls pkr fluid and tested backside to 400 psi for 30 min. 10 psi drop. Ok								
11-Sep-09	Conducted successful MIT test witnessed by OCD								
21-Jul-10	1200si pumped 2 drums xylene, 2 drums CaSO <sub>4</sub> conv (1/2 conc 2 drums wtr) SI.								
23-Jul-10	Flowed back converter 20bbl. Acidized w/500 gal 15% NEFE w/3% Micellar solvent. Max 1050 psi - flowed back 25 bbl.								
21-Jul-10	<b>CaSO<sub>4</sub> Scale Treatment</b> 1200psi Pumped 110gal xylene 8.5 BW flowback 2 BW pump, 2 BW. Pumped 110gal CaSO <sub>4</sub> conv (SC999) diluted w/110gal FW displ 7.5 BW SITP 1300 psi								
23-Jul-10	SITP 375 psi flowed back 20 bbl out of 24 from converter job								
26-Jul-10	160psi acidized w/500gal 15% w/2% micellar displ 8 BW Max 0.6 bpm 1050psi ISIP 970. 5min 775 10min 662 after 1 hour flowed back 25 bbl SITP 0psi Acid job did not go over frac press - will acidize above frac press again								
13-Sep-10	550 psi acidized w/500gal 15% w/2% micellar displ 12BW, Max 2.7 bpm 2025psi ISIP 1600 5min 1267 10min 1110 after 1 hour flowback 30 bbl SITP 100 psi								
29-Sep-10	Conducted Step-Rate test. Surf frac press 1350 psi (1.00 psi/ft)								
5-Jun-12	<b>Workover</b> Pumped mixture 55 gal SC999 CaSO <sub>4</sub> converter and 55 gal FW displ w/7 BFW SI 9 days. Flowed back 65 BW. Ran 3 7/8" bit & tagged at 2380. Rotated with tongs to 2384. Mostly iron sulfide. Acidized under a pkr w/1250 gal 15% NEFE. No press breaks 2bpm 2100psi, 3bpm 2400psi, 3.5bpm 2700psi, 4bpm 2950psi ISIP 1850 15min 1270. Flowed back 30 BW and cleaned up - put on injection (prob csg leak & prob up in 8 5/8" -backside would not hold - pkr is isolated)								
19-Feb-14	Well failed MIT test by Richard Inge (OCD) probable csg leak								
2-May-14	TA'd well - csg tst'd good below 195' -back off old csg at 294' -screwed in new 4 1/2" 11.6# J55 csg. Tst'd and old csg has new split 10' below collar at 294'. TA'd well w/CIBP at 2330' w/2sx cmt on top PBTD 2300'. Ran tbg back in hole. SI Csg Collars at 294, 251, 209, 163, 120, 78, 35								
TUBING STRING 5/2/14									
# OF JTS	DESCRIPTION	LENGTH	FROM	TO					
	Distance from KB to top of pipe	2.00	0.00	2.00					
72	2-3/8 J-55 4.7# Glassbore Tbg	2272.14	2.00	2274.14					
1	2-3/8 X 1-25/32 PC SN	1.10	2274.14	2275.24					



Approved for plugging of well bore only.  
Liability under bond is retained pending receipt  
of C-103 (Subsequent Report of Well Plugging)  
which may be found at OCD Web Page under  
Forms: www.oilandgas.state.nm.us/oecd.

## EQU #17 (P.J. State A #9) (Proposed P&A)

GL: 3,412  
KB: 3,418  
TD: 2,570  
PBD: 2516, 2305  
Fr. Wtr: Legal: 1,470 from S  
2,420 from W  
Section: 1-K  
Township: 19S  
Range: 29E  
County: Eddy  
Status: TA'd Injector  
Perfs: Queen 2360 - 2388  
API: 30-015-10235-0001  
NM Lse: 036974  
Field: Turkey Track (Sr-Qn-Gb-Sa)  
Logs: CNL, LDL, DLL  
Archeological:

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method	S(ft <sup>3</sup> )
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### TUBING STRING 5/2/14

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NEW MEXICO OIL CONSERVATION DIVISION  
DISTRICT 2 OFFICE  
811 S. FIRST STREET  
ARTESIA, NM 88210  
(575)748-1283

**CONDITIONS OF APPROVAL FOR PLUGGING & ABANDONMENT**

Operator: Berch Ex.

Well Name & Number: EASTLAND Queen Unit 17

API #: 30-015-10235

Approved for plugging of well bore only.  
Liability under bond is retained pending receipt  
of C-103 (Subsequent Report of Well Plugging)  
which may be found at OCD Web Page under  
Forms. [www.cmrnd.state.nm.us/oed](http://www.cmrnd.state.nm.us/oed).

1. Produced water will not be used during any part of the plugging & abandonment operation.
2. Notify NMOCD Dist. 2 office at least 24 hrs before beginning work.
3. Closed Loop System is to be used for entire plugging operation. Upon completion, contents of steel pit are to be hauled to a permitted disposal location.
4. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator, as well as the contractor, to verify that this permit is place prior to performing work. Drivers shall produce a copy upon request of NMOCD Field Inspectors.
5. A subsequent C-103 will serve as notification that the well bore has been plugged ONLY. A C-103 FINAL shall be filed before any bonding can be released on the well. Upon receipt of the Final, an inspection will be performed to verify that the location has been satisfactorily cleaned to NMOCD standards.
6. If work has not begun within 1 year of the approval of this procedure, an extension request must be filed, stating reason that well has not been plugged.
7. Every attempt must be made to clean the well bore out to below the perms, before any plugs can be set, by whatever means possible.
8. Cement Retainers may not be used.

9. Squeeze pressures are not to exceed 500 PSI, unless approval is given by NMOCD.
10. Plugs may be combined after consulting with and getting approval from NMOCD.
11. Minimum WOC time for tag plugs will be 4 Hrs.

DATE: 11/26/2014

APPROVED BY: *RD*

## GUIDELINES FOR PLUGGING AND ABANDONMENT

### DISTRICT II / ARTESIA

- All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater.
- Mud laden fluids must be placed between all cement plugs.
- Mud laden fluids must be mixed at 25 sacks of gel per 100 bbls of water.
- A cement plug is required to be set 50' below and 50' above all casing shoes and casing stub plugs. These plugs must be tagged.
- A CIBP with 35' of cement on top may be set in lieu of 100' cement plug.
- A plug as indicated above must be placed within 100' of top perforation. This plug must be tagged.
- Plugs set below and above salt zones must be tagged.
- No more than 2000' is to be allowed between cement plugs in open hole and no more than 3000' in cased hole.
- DV tools are required to have a 100' cement plug set 50' above and below the tool and must be tagged.
- Formations to be isolated with plugs placed at the top of each formation are:
  - Fusselman
  - Devonian
  - Morrow
  - Wolfcamp
  - Bone Spring
  - Delaware
  - Any Salt Section (Plug at top and bottom)
  - Abo
  - Glorieta
  - Yates (this plug is usually at base of salt section)
- If cement does not exist behind casing strings at recommended formation depths, the casing must be cut and pulled with plugs set at these depths or casing must be perforated and cement squeezed behind casing at the formation depths.
- In the R-111-P area (Potash Mine area) a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts common to the section penetrated and in suitable proportions, but not more than a 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible (50' below and 50' above).