

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

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

WELL API NO. 30-045-0593
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-7591-2
7. Lease Name or Unit Agreement Name: Turner B Com H
8. Well Number 13
9. OGRID Number 162928
10. Pool name or Wildcat South Blanco Pictured Cliffs
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6236' GR
Pit or Below-grade Tank Application <input checked="" type="checkbox"/> or Closure <input type="checkbox"/> Pit type <u>Drill</u> Depth to Groundwater <u>&gt;100'</u> Distance from nearest fresh water well <u>&gt;1000'</u> Distance from nearest surface water <u>&gt;200'</u> Pit Liner Thickness: <u>12</u> mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	2. Name of Operator Energen Resources Corporation	3. Address of Operator 2198 Bloomfield Highway, Farmington, NM 87401	4. Well Location Unit Letter <u>N</u> : <u>795'</u> feet from the <u>South</u> line and <u>1835'</u> feet from the <u>West</u> line Section <u>02</u> Township <u>26N</u> Range <u>08W</u> NMPM County <u>San Juan</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6236' GR			
Pit or Below-grade Tank Application <input checked="" type="checkbox"/> or Closure <input type="checkbox"/> Pit type <u>Drill</u> Depth to Groundwater <u>&gt;100'</u> Distance from nearest fresh water well <u>&gt;1000'</u> Distance from nearest surface water <u>&gt;200'</u> Pit Liner Thickness: <u>12</u> 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 COMPLETION ☐  
OTHER: Build drilling pit ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Energen Resources intends to plug and abandon this well as per the attached plugging procedure.

Energen Resources plans to build a lined pit according to "OCD Pit and Below-grade Tank Guidelines", as issued on November 1, 2004. Energen anticipates the submittal of a C-144 for closure of this pit in accordance with EIM and "OCD pit and Below-grade Tank Guidelines".

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 NMOCDC guidelines ☒ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Don Graham TITLE Production Superintendent DATE 02/15/05  
E-mail address: dgraham@energen.com  
Type or print name Don Graham Telephone No. 505.325.6800

For State Use Only

APPROVED BY Denny Keef TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 03 DATE FEB 15 2005  
Conditions of Approval, if any: \_\_\_\_\_

## PLUG AND ABANDONMENT PROCEDURE

2/11/05

### Turner B Com H #13

South Blanco Pictured Cliffs

795' FSL & 1835' FWL, Section 2, T26N, R8W

San Juan County, New Mexico, API #30-045-0593

**Note:** All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.  
All cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Energen safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. TOH and LD 103 joints 1" tubing, total 2264'. PU and tally tubing workstring. Roundtrip 5.5" gauge ring or casing scraper to 2160'.
3. **Plug #1 (Pictured Cliffs perforations and Fruitland top, 2160' – 1850')**: Set a 5.5" CR or CIBP at 2160'. If a CR is used, then pressure test tubing to 1000#. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 37 sxs cement and spot a balance plug inside casing above CR to isolate the Pictured Cliffs perforations and cover the Fruitland top. TOH with tubing.
4. **Plug #2 (Kirtland and Ojo Alamo tops, 1560' – 1272')**: Perforate 3 squeeze holes at 1560'. Attempt to establish rate into squeeze holes if the casing pressure tested prior to perforating. Set 5.5" cement retainer at 1510'. Establish rate into squeeze holes. Mix and pump 111 sxs cement, squeeze 76 sxs outside the casing and leave 35 sxs inside casing to cover through the Kirtland and Ojo Alamo tops. TOH and LD tubing.
5. **Plug #3 (8.625" Surface casing, 154' - Surface)**: Perforate 3 squeeze holes at 154'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 50 sxs cement down the 5.5" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
6. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

# Turner B Com H #13

## Proposed P&A

South Blanco Pictured Cliffs

795' FSL& 1835' FWL, SW, Section 2, T-26-N, R-8-W

San Juan County, NM / API #30-045-05993

Today's Date: 2/11/05

Spud: 7/23/58

Completion: 8/8/59

Elevation: 6236' GL  
6244' KB

12.25" hole

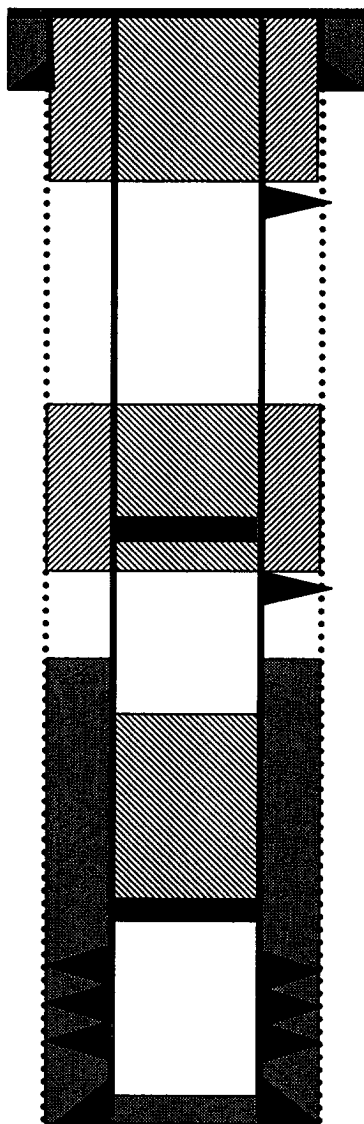
Ojo Alamo @ 1322'

Kirtland @ 1510'

Fruitland @ 1900'

Pictured Cliffs @ 2206'

7.875" hole



8.625" 24#, J-55 Casing set @ 104'  
Cement with 70 sxs (Circulated to Surface)

Plug #3: 154' – 0  
Type III cement, 50

Perforate @ 154'

Plug #2: 1560' – 1272  
Type III cement, 111 sxs  
76 sxs outside and 35 sxs  
inside

Cmt Retainer @ 1510'

Perforate @ 1560'

TOC @ 1797 (Calc, 75%)

Plug #1: 2160' – 1850'  
Type III cement, 37 sxs

Set Cmt Retainer @ 2160'

Pictured Cliffs Perforations:  
2210' – 2269'

5.5" 15.5#, J-55 Casing set @ 2311'  
Cemented with 100 sxs

TD 1980'  
COTD 1924'

# Turner B Com H #13

## Current

South Blanco Pictured Cliffs

795' FSL& 1835' FWL, SW, Section 2, T-26-N, R-8-W

San Juan County, NM / API #30-045-05993

Today's Date: 2/11/05

Spud: 7/23/58

Completion: 8/8/59

Elevation: 6236' GL  
6244' KB

12.25" hole

8.625" 24#, J-55 Casing set @ 104'  
Cement with 70 sxs (Circulated to Surface)

### WELL HISTORY

No Workover of Record

Ojo Alamo @ 1322'

Kirtland @ 1510'

1" Tubing @ 2264'  
(103 joints)

Fruitland @ 1900'

TOC @ 1797 (Calc, 75%)

Pictured Cliffs @ 2206'

Pictured Cliffs Perforations:  
2210' - 2269'

7.875" hole

5.5" 15.5#, J-55 Casing set @ 2311'  
Cemented with 100 sxs (118 cf)

TD 1980'  
COTD 1924'

