

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-015-24006
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name B D
8. Well Number 001
9. OGRID Number 236183
10. Pool name or Wildcat San Andres

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

2. Name of Operator
Tandem Energy Corporation

3. Address of Operator
5065 Westheimer Rd, Ste 920 Houston, TX 77056

4. Well Location
Unit Letter K : 1650 feet from the S line and 1650 feet from the W line
Section 11 Township 16S Range 31E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4415

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Please see Plug and Abandonment End Of Well Report for work performed.

Approved for plugging of well bore only. Liability under bond is retained pending Location cleanup & receipt of C-103Q (Subsequent Report of Well Plugging) which may be found at OCD Web Page, OCD Permitting @ www.emnrd.state.nm.us

Spud Date: 5/15/1982 Rig Release Date: 7/25/2022

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE IT Manager DATE 10/5/2023
Type or print name Chris Sanders E-mail address: chriss@t5energy.com PHONE: 713-987-7318
For State Use Only

APPROVED BY: [Signature] TITLE Staff Manager DATE 10/26/23
Conditions of Approval (if any):

Tandem Energy Corp.

Plug And Abandonment End Of Well Report

BD #001

1650' FSL & 1650' FWL, Section 11, T16S, R31E

Eddy County, NM / API 30-015-24006

Work Summary:

- 7/20/22** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 7/21/22** MOL and R/U P&A unit. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Secured and shut-in well for the day.
- 7/22/22** Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. N/D wellhead, N/U BOP and function tested. P/U 4 1/2" casing scraper and work string. Round tripped above top perforation to a depth of 4,010'. P/U 4 1/2" CR. TIH to 1,739' where CR tagged up and set prematurely. Attempted to work CR free with work string but was unsuccessful. Waited on orders from NMOCD on how to proceed. Secured and shut-in well for the day.
- 7/23/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Waited on location for NMOCD to determine how to proceed. NMOCD requested to start cementing operations by squeezing cement below CR at 1,739' to account for wellbore volume from CR at 1,739' to top perforation at 4,006' plus 100% excess. Secured and shut-in well.
- 7/24/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U cementing services. Successfully established injection rate through CR at 1,739' with 10 bbls of fresh water. Pumped plug #1 from 4,006' to 1,739' with 100% excess to cover the San Andres perforations and formation top as well as the Queen formation top. After pumping 240 sx of cement the wellbore

pressured up to 515 psi below the CR. Switched to displacement and displaced cement in tubing through CR at 1,739'. Stung out of CR. TOOH. WOC 4 hours. TIH and tagged CR at 1,739'. Successfully pressure tested wellbore above CR at 1,739' to 700 psi. TOOH. Secured and shut-in well for the day.

7/25/22 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U wireline services. Ran CBL from CR at 1,739' to surface. CBL results were sent to NMOCD office for review. TIH to CR at 1,739'. R/U cementing services. Extended plug #1 from 1,739' to 1,365'. TOOH. R/U wireline services. RIH and perforated squeeze holes at 1,342'. Successfully established injection rate into perforations at 1,342'. P/U packer, TIH and set at 877' with an EOT depth of 910'. R/U cementing services. Pumped plug #2 from 1,342' to 950' to cover the surface casing shoe. Spotted 9.5 ppg mud spacer from 950'-386'. L/D tubing to surface. R/U wireline services. RIH and perforated squeeze holes at 386'. R/U cementing services. Successfully established circulation down 4 ½" production casing through perforations at 386' and back around and out Bradenhead valve at surface with fresh water. Successfully circulated cement down 4 ½" production casing through perforations at 386' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. Dug-out wellhead. Performed wellhead cut-off. Cement was at surface in both 8-5/8" surface casing annulus and 4 ½" production casing. Installed subsurface P&A marker per NMOCD regulations. Photographed the P&A marker in place and recorded its location via GPS coordinates. RD and MOL.

Plug Summary:

Plug #1: (San Andres Perforations and Formation Top, and Queen Formation Top 4,006'-1,365', 265 Sacks Type III Cement)

CR prematurely set at 1,739'. NMDOC requested to start cementing operations by squeezing cement below CR at 1,739' to account for wellbore volume from CR at 1,739' to cover San Andres perforations and formation top at 4,006' plus 100% excess. Successfully established injection rate through CR at 1,739' with 10 bbls of fresh water. Pumped plug #1 from 4,006' to 1,739' with 100% excess to cover the San Andres perforations and formation top as well as the Queen formation top. After pumping 240 sx of cement the wellbore pressured up to 515 psi below the CR. Switched to displacement and displaced cement in tubing through CR at 1,739'. Stung out of CR. TOOH. WOC 4 hours. TIH and tagged CR at 1,739'. Successfully pressure tested wellbore above CR at 1,739' to 700 psi. TOOH. R/U wireline services. Ran CBL from CR at 1,739' to surface. CBL results

were sent to NMOCD office for review. TIH to CR at 1,739'. R/U cementing services. Extended plug #1 from 1,739' to 1,365'.

Plug #2: (Surface Casing Shoe 1,342'-950', 94 Sacks Type III Cement [Squeezed 69 sx])

R/U wireline services. RIH and perforated squeeze holes at 1,342'. Successfully established injection rate into perforations at 1,342'. P/U packer, TIH and set at 877' with an EOT depth of 910'. R/U cementing services. Pumped plug #2 from 1,342' to 950' to cover the surface casing shoe. 69 sx were squeezed into the perforations.

Plug #3: (386'-Surface, 133 Sacks Type III Cement)

R/U wireline services. RIH and perforated squeeze holes at 386'. R/U cementing services. Successfully established circulation down 4 ½" production casing through perforations at 386' and back around and out Bradenhead valve at surface with fresh water. Successfully circulated cement down 4 ½" production casing through perforation at 386' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. Dug-out wellhead. Performed wellhead cut-off. Cement was at surface in both 8-5/8" surface casing annulus and 4 ½" production casing. Installed subsurface P&A marker per NMOCD regulations. Photographed the P&A marker in place and recorded its location via GPS coordinates.

End of Wellbore Diagram

Tandem Energy Corp.
B D #001
API: 30-015-24006
Eddy County, New Mexico

Surface Casing

8.625" 28# @ 1292 ft
OH: 12.25"

Formation

Queen - 3260 feet
San Andres - 4037 feet

Plug 3

383 feet - surface
383 foot plug
133 Sacks of Type III Cement

Plug 2

1342 feet - 950 feet
392 foot plug
94 Sacks of Type III Cement
(Squeezed 69 sx)

Plug 1

4006 feet - 1365 feet
2641 foot plug
265 sacks of Type III Cement

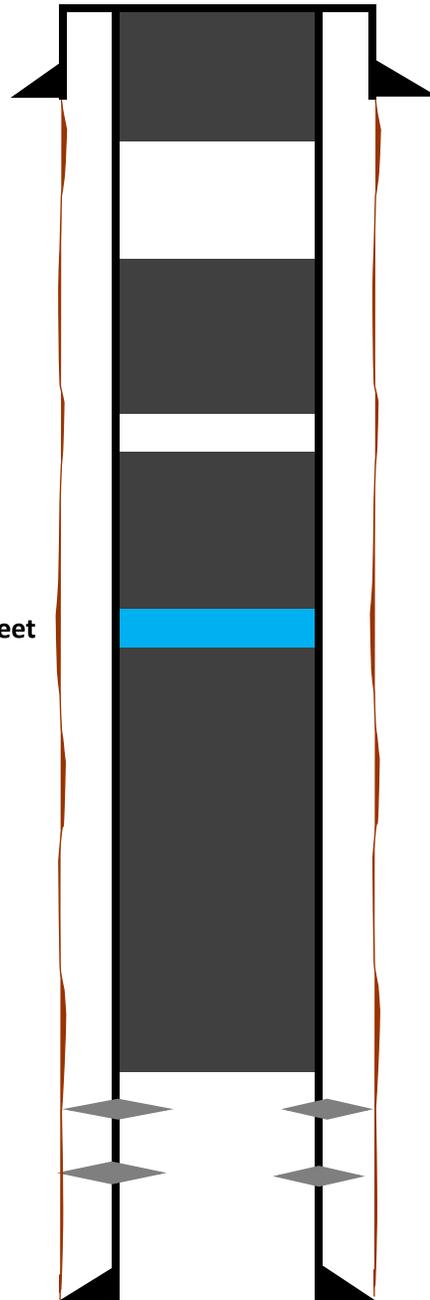
Perforations

4006 feet - 4026 feet

Retainer @ 1739 feet

Production Casing

4.5" 9.5# @ 4530 feet
OH: 7.875"



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CONDITIONS

Action 272925

CONDITIONS

Operator: TANDEM ENERGY CORPORATION 5065 Westheimer Rd Houston, TX 77056	OGRID: 236183
	Action Number: 272925
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	10/26/2023