

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 August 1, 2011

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

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.)		WELL API NO. 30-025-09463
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <u>WIN</u>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator <u>MERIT ENERGY COMPANY</u>		6. State Oil & Gas Lease No.
3. Address of Operator <u>13727 NOEL RD. #1200 DALLAS TX 75240</u>		7. Lease Name or Unit Agreement Name B Davis
4. Well Location Unit Letter <u>N</u> : <u>330</u> feet from the <u>South</u> line and <u>2310</u> feet from the <u>West</u> line Section <u>34</u> Township <u>23S</u> Range <u>36E</u> NMPM County <u>Lea</u>		8. Well Number <u>2</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3392' DF		9. OGRID Number 14591
		10. Pool name or Wildcat Jalmat Tansill Yates 7 Rvrs

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

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

This well recently failed it's MIT. We are proposing to repair the well and re-test.

- 1) Clean location, test anchors, prep well for rig.
- 2) MIRU workover rig. ND WH. NU BOP & 2-3/8" handling tools.
- 3) Release pkr. & POOH standing back tbg.
- 4) Redress pkr. & test tbg. in hole. Set pkr. @ 3255'.
- 5) Pressure test csg. a) if passes move to Set 11. b) if fails continue to step 6.
- 6) Release pkr. & isolate csg. leak. Pump into leak to determine rate/pressure.
- 7) POOH w/tbg. & pkr. PU cmt retainer & RIH to 50' above top of leak.
- 8) Squeeze csg. leak. SD for 48 hrs.
- 9) Drill out cement retainer & cement.
- 10) Pressure test csg. If passes RIH w/production string & set pkr. @ 3255'.
- 11) Conduct formal MIT.
- 12) RDMO.

**The Oil Conservation Division
MUST BE NOTIFIED 24 Hours
Prior to the beginning of operations**

**Per Underground Injection Control Program Manual
11.6 C Packer shall be set within or less than 100
feet of the uppermost injection perms or open hole.**

Spud Date:

Rig Release Date:

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

SIGNATURE Lynne Moon TITLE Regulatory Manager DATE 08/28/2014

Type or print name Lynne Moon E-mail address: lynne.moon@meritenergy.com PHONE: (972)628-1569

For State Use Only

APPROVED BY: Mary S Brown TITLE Dist Supervisor DATE 9/2/2014

Conditions of Approval (if any)

SEP 02 2014

Wellbore Diagram

Lease & Well No. **B. Davis #2**
Field Name **Jalmat**
Location **Unit N, Sec. 34, T23S, R36E**

Status **Active**
County & State **Lea County, NM**
API No. **30-025-09463**
Pool Name **Jalmat: Tansill Yates Seven Rivers**

Well Information

Spud: **11/4/1940** Ground Elevation: **3,392'** D.F. Elevation: _____
Completed: **12/01/40** KB Elevation: _____ Total Depth: **3,607'**

Pipe Data

Surface						
Hole size	Depth	Size (OD)	Weight	Grade	Sx. Cmt	Comments
13"	279'	10-3/4"	32.75#		200 sx	Circ Cmmt to Surface
Intermediate						
Hole size	Depth	Size (OD)	Weight	Grade	Sx. Cmt	Comments
8-3/4"	1,368'	8-3/4"	24.0#		225 sx	Circ Cmmt to Surface
Production						
Hole size	Depth	Size (OD)	Weight	Grade	Sx. Cmt	Comments
6-5/8"	3,532'	5-1/2"	15.3#		255 sx	TOC=2354'; CBL
Downhole Tubulars (Top to Bttm):						
107 jts 2-3/8" Star 2000 Fiberglass tbg; On/off tool; Nickel Coated 5" Lockset Packer @ 3255'						

Well History

11/4/1940 OH Completion: 3532-3607
IP: 100 BOPD; 175 MCF; 0 BWPD
4/12/1943 Acid: 4,000 gal in two stages; Increased production 6 BOPD flowing with (est) 1000:1 GOR.
3/22/1972 Set CIBP @ 3520'. Perf 3488-3500. Acdz w/ 420 gal 15%. Ran rods&pump. IP: 30 BO, 1068 BW.
3/15/1984 Squeeze perms from 3486-3500.
4/6/1984 Perf Yates-7Rvrs: Acdz 3295-3418 w/ 1000 gal 15%; Frac 3048-3240 w/ 20k gal and 41,600#.
8/28/2003 Convert to injector. Squeeze perms from 3295-3418.
Perf 3278-3418 (30 holes) and acdz w/ 1500 gal 15%. Taking water on vacuum.
RIH w/ nickel coated 5" lockset pkr, on/off tool, 107 jts 2-3/8" Star 2000 Fiberglass tbg set @ 3255'

Procedures

- Clean location, test anchors, prep well for w/o rig.
- MIRU w/o rig. ND WH, NU BOP and 2-3/8" handling tools.
- Release PKR and POOH standing back tubing.
- Redress PKR and test tubing in hole. Set PKR @ 3255'.
- Pressure test casing:
 - If passes pressure test; move to Step 11.
 - If it does not pass pressure test; continue with Step 6.
- Release PRK and isolate casing leak location. Pump into leak to determine rate/pressure.
- POOH w/ tubing and PKR; PU cement retainer and RIH ~50' above top of leak.
- Squeeze casing leak. SD for 48 hours.
- Drill out cement retainer and cement.
- Pressure test casing. If passes, RIH w/ production string and set PRK @ 3255'.
- Conduct formal MIT.
- RDMO all.

