

Office'

Energy, Minerals and Natural Resources

May 27, 2004

District I

1625 N. French Dr., Hobbs, NM 88240

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-025-25314

5. Indicate Type of Lease

STATE ☒FEE ☐

6. State Oil & Gas Lease No.

V-3211

7. Lease Name or Unit Agreement Name

Scratchy Ranch State Unit

8. Well Number

1

9. OGRID Number

143199 -

10. Pool name or Wildcat *Feather*
~~Wild Cat~~ Upper Penn; East

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

EnerVeast Operating

3. Address of Operator

1001 Fannin Ste. 800 Houston TX. 77002

4. Well Location

Unit Letter J : 2030 feet from the South line and 1980 feet from the East lineSection 14 Township 15 S Range 32 E NMPM County Lea

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

Pit or Below-grade Tank Application ☐ or Closure ☐Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water N/A

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 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.

1. POOH. TBG. Laying down RIH. WL. Set CIBP at 10,436'

2. RIH. TBG. to 10,436' Circulate Hole Mud Laden Fluid Cap with 25sx. Cmt.

3. PUH. to 7,500 Spot 25 sx. Cmt.

4. PERF. At 5,000' SQZ. 40 sx Cmt.

5. PERF at 4230' SQZ. 55 sx. Cmt. WOC & Tag.

6. PERF. At 450' SQZ. 75 sx. Cmt. WOC & Tag.

7. PERF. At 60' Circulate 75 sx. CMT. To Surface.

The Oil Conservation Division Must be notified
24 hours prior to the beginning of plugging operations.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

TITLE

(Basic Energy Services) DATE

Type or print name:

E-mail address:

Telephone No. 432-563-3355

For State Use Only

APPROVED BY

TITLE

DATE

Conditions of Approval (if any):

SEP 26 2011

Well Name: **Scratchy Ranch ACQ State Unit #1**

EV Prop # _____

Lease Type: **State, V-3211**Location: **2030' FSL & 1980' FEL of Sec 14-T15S-R32E, Unit J**County/State: **Lea, NM**Field/Formation: **Wildcat/Upper Penn**API: **30-025-25314****Surface Csg**

Size: **13-3/8"**
 Wt.&Thrd: **48#**
 Grade: **---**
 Set @: **399'**
 Sxs cmt: **610**
 Circ: **---**
 TOC: **Surface**
 Hole Size: **17-1/2"**

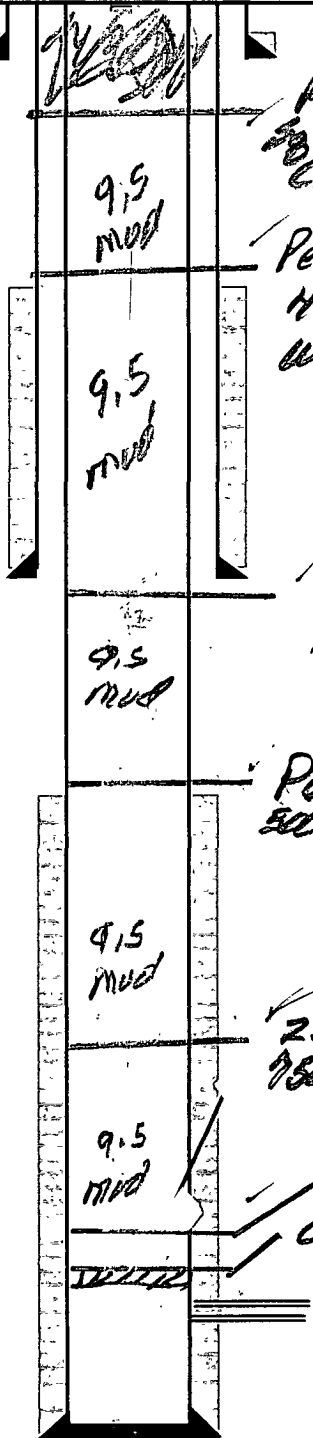
Intermediate

Size: **9-5/8"**
 Wt.&Thrd: **32.3, 36, 40#**
 Grade: **---**
 Set @: **4,170'**
 Sxs cmt: **2100**
 Circ: **---**
 TOC: **---**
 Hole Size: **12-1/4"**

Production Csg

Size: **5-1/2"**
 Wt.&Thrd: **17#**
 Grade: **S-95**
 Set @: **10997**
 Sxs Cmt: **1900**
 Circ: **---**
 TOC: **---**
 Hole Size: **8-1/2" to 10,500'**
7-7/8" to TD

Float Shoe: **10,997'**
 Float Collar: **10,953'**
 DV Tool: **8,477'**

CURRENT

PBTD 10,650'
 TD 13,320'

KB: _____

DF: **4226' GR**

GL: _____

Spud Date: **7-18-91 (RE-ENTRY)**Compl. Date: **12/9/1991****Notes:**

Originally drilled in 1976 to a TD of 10,500' by Marathon Oil, plugged later that year

Deepened to 13,800' to test the Morrow formation in 1991.

After testing it was decided to plugback as follows

13,010'-12,910' w/ 30 sx "H" Neat cement

11,232'-10,932' w/ 170 sx "H" Neat cement, tag plug @ 10,864'

Acidized 10,536'-10,595' w/ 7,500 gal 20% NEFE acid.

Perfs:

10,536'-10,548' w/ 10 - 0.5" holes

Sand jet cuts @ 10,595', 10,590'

Plugged perfs @ 10,590'-10,659', 10,735'-10,762'

Tubulars - Capacities and Performance

bb/ft	cf/ft	Tensile (lbs)	80% Burst (psi)	Collapse (psi)	ID (in)	Drift (in)
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 Set @: 399'
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 Hole Size: 17-1/2"

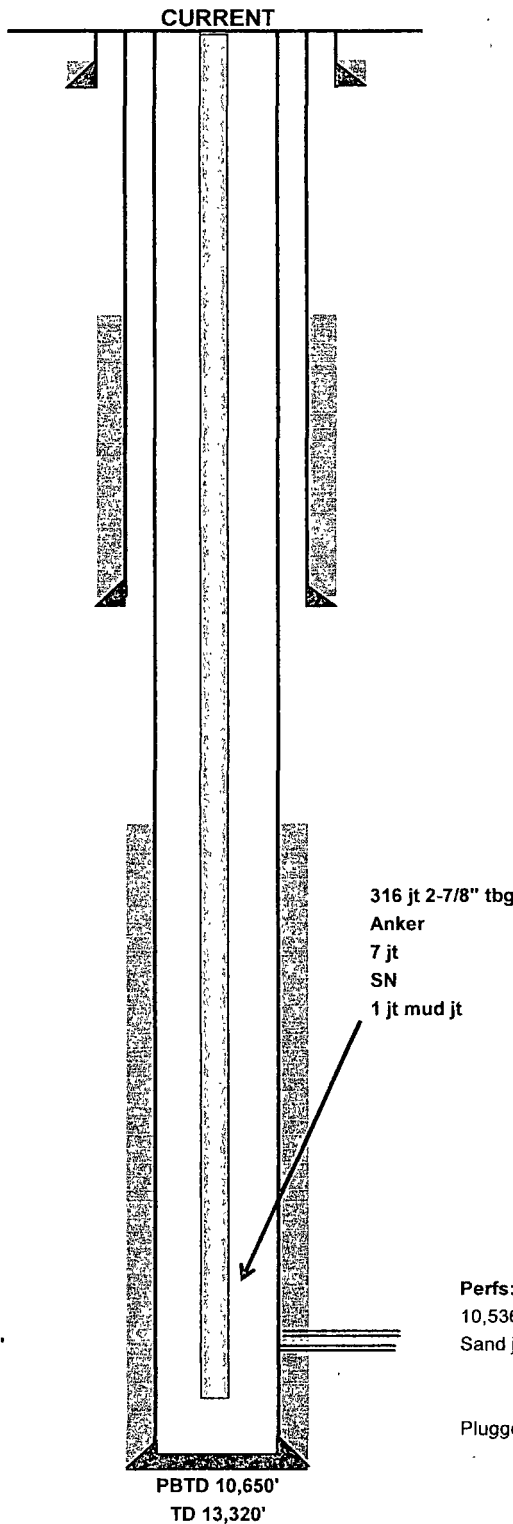
Intermediate

Size: 9-5/8"
 Wt.&Thrd: 32.3, 36, 40#
 Grade: ---
 Set @: 4,170'
 Sxs cmt: 2100
 Circ: ---
 TOC: ---
 Hole Size: 12-1/4"

Production Csg

Size: 5-1/2"
 Wt.&Thrd: 17#
 Grade: S-95
 Set @: 10997
 Sxs Cmt: 1900
 Circ: ---
 TOC: ---
 Hole Size: 8-1/2" to 10,500'
 7-7/8" to TD

Float Shoe: 10,997'
 Float Collar: 10,953'
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