

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or plug back to a different formation. Use Form 9-331-40 for such proposals.

1. ☒ NEW WELL ☐ OTHER WELL ☐ OTHER
2. NAME OF OPERATOR
Harvey E. Yates Company
3. ADDRESS OF OPERATOR
P. O. Box 1933, Roswell, NM 88201
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1200' FSL & 1650' FEL
AT DEPTH INTERVAL:
AT TOTAL DEPTH: Same
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE.
REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT OFF		
FRACTURE TREAT	☒	
SHOOT OR ACIDIZE	☒	
REPAIR WELL	☐	
PULL OR ALTER CASING	☐	
MULTIPLE COMPLETE	☐	
CHANGE ZONES	☐	
ABANDON*	☐	
(Other):		

5. LEASE
NM-036852
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Young Deep 3 Federal
9. WELL NO.
4
10. FIELD OR WILDCAT NAME
North Young Bone Springs
11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
Sec. 3, T-18S, R-32E
12. COUNTY OR PARISH 13. STATE
Lea NM
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
3878.8' GR

(NOTE: Report results of multiple completion or zone change on Form 9-335.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

2/11/84 Run csg spear & 3 1/2" DP, start working 5 1/2" csg. Pull csg up to 150,000#. Need 13 more inches to set slips. Ru Hydraulic jack. Pull csg up to well & set slips w/200,000# on slips. Make cut off, set tbg head (Test to 3000# - OK) & (Test 8 5/8" csg spool to 900# - OK).

2/14/84 Start drill out.

2/17/84 Cont drill cmt to 12,872'.

2/18/84 POH w/drlg equip.

2/22/84 Drop bar to perf Morrow @ 12,844' to 12,858', 4 spf, no flow on surface.

2/23/84 Acidize w/2000 gal 7 1/2% MSR-100.

2/29/84 Set CIBP @ 12,830' & put 35' cmt on top - New PSTD @ 12,795'.

3/01/84 Perf Morrow @ 12,636 - 12,656' (20' w/4 spf). Gas to surface in 18 min.

3/02/84 Acidize w/4000 gal 7 1/2% MSR-100, 120-1.1 Sp Gr ball sealers, flush w/2 kcl.

Subsurface Safety Valve: Manu. and Type

Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Ray F. [Signature] TITLE Res. Engineer

DATE May 17, 1984

ACCEPTED FOR RECORD

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

DATE _____

MAY 21 1984

Carlsbad

NEW MEXICO

RECEIVED BY
MAY 28 1984
O. C. D.
ANALYSIS OFFICE

3/03/84 Left well, small flame. RU to swab.
3/07/84 Set Blowing plug @ 12,580'.
3/08/84 Per @ 11,220' to 11,226' (6' w/12 holes); 11320' to 11,330' (10' w/20 holes);
3/11/84 Acidize w/3000 gals 15% MSR-100, 60 ball sealers, flush w/2% kcl. Well flowed
3/14/84 Per @ 11,060' to 11,066' (6' w/2 spt); 11116' to 11124' (8' w/2 spt) 11161' to
3/15/84 Spot 250 gals 15% MSR-100 @ 11,175'.
3/16/84 Acidize w/5000 gal 15% MSR-150 & ball sealers & kcl flush.
3/22/84 RIH w/net head, 5 1/2" pkr, SN & 2 3/8" tbg to 10,925'. Set pkr & test to 10,000=
held o.k.
3/24/84 Acidize w/5000 gal 2 % MSR-100 w/ball sealers & kcl for flush. Unseat pkr & POH.
3/25/84 Set pkr @ 10,916' - held o.k.
3/27/84 Acidize w/5000 gals 15% MSR 100 & 72 ball sealers & kcl flush.
3/29/84 Unseat pkr & reverse hole clean.
4/03/84 Set first CIBP @ 12,550' w/35 sxs cmt & second CIBP @ 11,000' w/35 sx cmt.
4/04/84 Made 2 runs w/guns & perf by select fire @ 8827', 8834', 39', 47', 57', 64', 66',
72', 76', 84', (1 spt - 11 holes)
4/05/84 Spot 2 bbl 7 1/2% SRA
4/07/84 RU to frac, ball sealers @ 8827' to 8824' w/60,000 gal EZ frac 40 (2/3 gel, 1/3
CO2) w/90000# 20/40 sd. Perf @ 8680' to 8742' (7 holes)
4/11/84 GIH to perf @ 8611', 8618', 8628', & 8635' (1 spt). Set RSP @ 8800'.
4/12/84 Pull pkr to 8515' & set. Brk down perfs @ 8611 - 8746' w/2500 gal 7 1/2 MSR-100.
4/14/84 RU to frac Bone Springs from 8611' to 8746' w/60,000 gal EZ-7 frac 40, 120,000=
20/40 sd & 104 tons of CO2.
4/19/84 Made 8 runs & well kicked off flowing @ 11:30 a.m. 4/18/84.
4/24/84 to
4/27/84 W0 prod equip.
5/01/84 Well dead. RU to swb.
5/02/84 Well died. Made 66 bbls overnight.
5/03/84 Drig cmt & csg shoe to 8700'
5/04/84 Drig to 8718'.
5/05/84 Set SI @ 8994' & anchor @ 8515'.
5/06/84 Put well on pump.

RECEIVED
MAY 28 1984
ANALYSIS OFFICE