

Form 3160-3
(November 1983)
(formerly 9-331C)

N. M. OIL CONS. COMMISSION

P. BOX 1980

HOBBS, NEW MEXICO 88240

UNITED STATES

SUBMIT IN 1 .ICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐

DEEPEN ☒

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Harvey F. Yates Company

3. ADDRESS OF OPERATOR

P.O. Box 1933, Roswell, N.M. 88202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

C; 660' FNL & 1980' FWL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

6 1/4 miles south of Maljamar

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

660'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1320

16. NO. OF ACRES IN LEASE

40

19. PROPOSED DEPTH

Additional 350' (9000')

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Pulling Unit (TD & Apprx 350')

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3853.8' GR

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
	13-3/8"		666'	CIRCULATED
	8-5/8"		4640'	CIRCULATED
	4-1/2"		8650'	TOC=7381'

See attached wellbore schematic & procedure

RE: Reactivate currently SI WIW back to a producer by extending 3 7/8" wellbore approx. 350' down to 9000' 900 Series BOP to be used during all operations. Will use steel reverse pits during operations w/small work pit for stimulation work.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Vickie Teel Vickie Teel TITLE Drlg/Prod. Analyst DATE 6/29/93

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY (ORIG. SGD) DAVID R. GLASS

TITLE

DATE JUL 06 1993

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

HARVEY E. YATES COMPANY WELLBORE SCHEMATIC & PROCEDURE SHEET

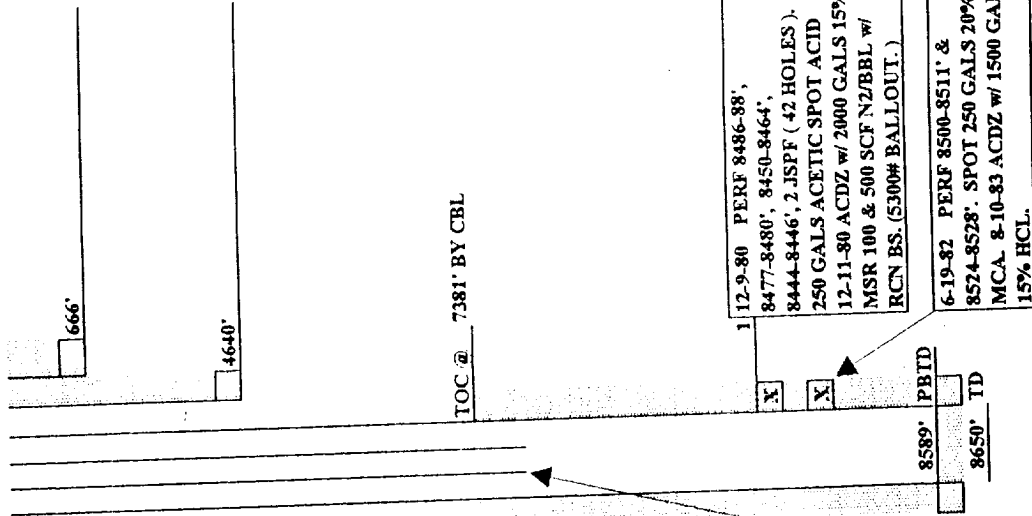
SPUD DATE: 11/5/80
COMP DATE: 12/11/80
TD: 8450'
PBID: 8589'

OPERATOR: HARVEY E. YATES COMPANY
WELL NAME: YOUNG DEEP UNIT # 2
LEASE #: NM-16350-A API# 30-025-27121
LOCATION: C, 660' FNL & 1980' FWL
SEC. 10, T-18S, R-32E LEA CO., NM
FIELD: YOUNG BONE SPRING, NORTH
ELEVATION: 3853.8' GL (18' KB)

SURFACE
WT & GRD 13 3/8" 54 & 68# J-55
DEPTH 666'
SXS CMT 650
TOC CIRC. 30 SKS
BIT SIZE 17 1/2"

INTERMEDIATE
WT & GRD 8 5/8" 24, 28 & 32# J-55
DEPTH 4640'
SXS CMT 750+200: 350+100
TOC CIRC. 170 SKS
BIT SIZE 11"
DV TOOL @ 1276.13'

PRODUCTION:
WT & GRD 4 1/2" 10.5 & 11.6# J & N
DEPTH 8650'
SXS CMT 300
TOC 7381' BY CBL
BIT SIZE 7 7/8"
DV TOOL @
MARKER JOINT



PROCEDURE

SOQ CARBONATE & DEEPEN THRU 2ND SAND & FRAC
POOH & LD 2 3/8" J-55 TBG. PU SCRAPER ON NEW 2 3/8" N-80 TBG. RUN SCRAPER ACROSS CARBONATE PERF & TO PBID. SPOT CONVERTER ACROSS PERFS. (LEAVE OVERNIGHT). RUN GRJB TO PBID. SET CMT RETAINER @ 8425' +/- SQZ TO 4000# IF POSS. DRL OUT RET. & CK CMT. IF SOFT SI FOR 24 HOURS. WHEN CMT IS CURED THEN DRL OUT & TEST TO 1500 #. & CONT. TO DRL FLOAT COLLAR & SHOE. (USE MILL TOOTH BIT DOWN TO APPROX. 8670' +/-). CIRC. HOLE CLEAN & ADD SHELL GUARD TO SYSTEM & TRIP FOR BUTTON BIT. DRL TO BASE OF 2ND SD PAY, EST. @ 9,006'. CIRC HOLE CLEAN. CHECK FOR FILL. & RUN SLIM HOLE GRNEUTRONCCL FROM TD TO 8,350'. PREP TO ACDZ & FRAC BS 2ND SD DOWN 2 3/8" N-80. RUN AFTER FRAC TEMP SURVEY. AFTER 6 HOUR SI. OPEN WELL TO FLOW BACK FRAC. GTH & CIRC OUT TO TD. POOH. RUN DOWN HOLE ASSEMBLY AND PUMP & RODS. PUT ON PROD.

SN @ 7617' (OPEN ENDED)

TUBING: 2 3/8" 4.7 J-55
SIZE: SN @ 7617' (OPEN ENDED)
DEPTH: 8650' TD
PKR/ANCHOR:

RECEIVED

JUL 07 1993

U.S. AIR FORCE
HAFB

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other WIW

2. Name of Operator

Harvey E. Yates Company

3. Address and Telephone No.

P.O. Box 1993, Roswell, NM 88202 1-505-623-6601

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

C, 660' FNL & 1980' FWL
SEC. 10, T-18S, R-32E

5. Lease Designation and Serial No.
NM-16350-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8910180420

8. Well Name and No.

YOUNG DEEP UNIT # 2

9. API Well No.

30-025-27121

10. Field and Pool, or Exploratory Area

YOUNG BONE SPRING, NORTH

11. County or Parish, State

LEA

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other

TYPE OF ACTION

☐ Change in Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

CONVERT BACK TO PRODUCER

(DRILL OUT-DEEPEN 350' (OPEN HOLE))

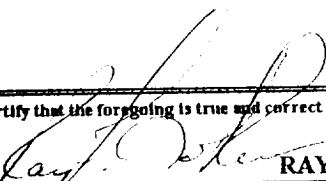
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

13. 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.)

SQUEEZE EXISTING INJECTION PERFS 8486-8528 (OA). DRILL OUT CMT RETAINER & CMT. TEST SQZ. PERFS TO 500#s. CONTINUE TO DRILL OUT FLOAT & SHOE PLUS APPROX. 350' THROUGH THE BONE SPRING 2ND SAND. COMPLETE WELL OPEN HOLE BY MEANS OF ACIDIZING AND FRACTURING. PUT WELL ON PRODUCTION AND SUBMIT REGULATORY COMPLETION REPORTS.

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

Signed



RAY F. NOKES

Title

PROD. MGR./ ENG.

Date 6/29/93

(This space for Federal or State office use)

Approved by

(ORIG. SGD) DAVID R. GLASS

Title

Date

Conditions of approval, if any:

RECEIVED

JUL 07 1993

WCD HOUSE
WHEEL