			N	.M. OII	Cons. Divisi		
			1	625 N. I	Frien Dr.	FORM APP OMB NO. 10	
13160-4		SU	-		IN 188240	market make	
1992)	UNITED ST	ATES	(See other i	instructions	5. LEASE DESIGNATION		
<sup>·</sup> DEPAR	TMENT OF TH	HE INTERIOR	on reverse :	side)		NM-40448	
BURE/	AU OF LAND MA	NAGEMENT			6. IF INDIAN, ALLOTTES	OR TRIBE NAME	
WELL COMPLE	TION OR RECOM	<b>VPLETION REP</b>	ORT AND LOG	it.			
TYPE OF WELL	OIL GAS	DRY	Other		7. UNIT AGREEMENT NA	ME	
× ,	WELL WELL						
		DIFF-	Other RECO	MPLETION	8. FARM OR LEASE NAM	ie, well no.	
NEW I WELL	BACK				FE	DERAL AF	#1
NAME OF OPERATOR					9. API WELL NO.	0-025-2740	S 7 1
HARVEY E. YAT					10. FIELD AND POOL, O		
P.O. BOX 1933,		88202 50	5-623-6601		NYoung	DELAWAR	E
LOCATION OF WELL					11. SEC. T.,RJM., OR BI OR AREA	OCK AND SURVEY	
At surface					URAREA		
1,980' FSL & 1,9 At top prod. interval reported							
						SEC 8, T18	S, R32E
At total depth		14. PERMIT NO.	DATE ISSU	ED	12 COUNTY OR	13. STATE	
					PARISH		
		TT. DATE COMP (Ready to	(and)		DF, RKB, RT, GR, ETC.)*		MEXICO ELEV. CASINGHEAD
DATE SPUDDED	16. DATE T.D. REACHED	12/20/00			$\omega_1, \alpha_2, \alpha_3, \alpha_4, \alpha_5, \alpha_6, \alpha_6, \alpha_6, \alpha_6, \alpha_6, \alpha_6, \alpha_6, \alpha_6$	13	
TOTAL DEPTH, MD &	TVD 21. PLUG, BACK		F-MULTIPLE COMPL	23 INTERVALO	ROTARY TO	DOLS	CABLE TOOLS
	8,180'	ACCEP	TED FOR R	ECORD	▶		
PRODUCING INTERVAL (S	S), OF THIS COMPLETION - T		ND TVD)*		25, WAS DIRECTIONAL	SURVE MADE?	· .
5,008-5,022'			EB 1 2 200	1			
TYPE ELECTRIC AND OTHER	R LOGS RUN				27. WAS WELL COREC	?	
		CASING RECORD	acc	(Report all strings	s set in well)		· · · · · · · · · · · · · · · · · · ·
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET			F CEMENT, CEMENTING REC	ORD	AMOUNT PULLED
				·····			
					······································		
	1			30	TUBING RECORD	<u> </u>	· · · · · · · · · · · · · · · · · · ·
	LINER RECOR	סי			10Dino neoono		
SIZE TOP (MD)	LINER RECOR BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SE	<u>`</u>	PACKER SET (MD)
SIZE TOP (MD)						<u>`</u>	PACKER SET (MD)
	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SE 4,903	•	
SIZE TOP (MD) PERFORATION RECOR	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SE 4,903 SHOT, FRACTURE, CEME	•	c.
	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE ACID,	DEPTH SE 4,903 SHOT, FRACTURE, CEME AMOUNT A	NT SQUEEZE, ET	C. ERIAL USED
	BOTTOM (MD) RD (interval, size a	SACKS CEMENT*	SCREEN (MD) 32 DEPTH INT	SIZE ACID,	DEPTH SE 4,903 SHOT, FRACTURE, CEME AMOUNT A	NT SQUEEZE, ET	C. ERIAL USED
PERFORATION RECOR	BOTTOM (MD) RD (interval, size a	SACKS CEMENT*	SCREEN (MD) 32 DEPTH INT	SIZE ACID,	DEPTH SE 4,903 SHOT, FRACTURE, CEME AMOUNT A	NT SQUEEZE, ET	C. ERIAL USED
PERFORATION RECOR	BOTTOM (MD) RD (interval, size a	SACKS CEMENT*	SCREEN (MD) 32 DEPTH INT 5,008-5,022' PRODUCTIO	SIZE ACID, FERVAL (MD)	DEPTH SE 4,903 SHOT, FRACTURE, CEME AMOUNT A 2,000	NT SQUEEZE, ET ND KIND OF MAT	C. ERIAL USED NEFE
PERFORATION RECOR	BOTTOM (MD) RD (interval, size a	SACKS CEMENT*	SCREEN (MD) 32 DEPTH INT 5,008-5,022'	SIZE ACID, FERVAL (MD)	DEPTH SE 4,903 SHOT, FRACTURE, CEME AMOUNT A 2,000	NT SQUEEZE, ET ND KIND OF MAT O GALS 15%	C. ERIAL USED NEFE
PERFORATION RECOR	BOTTOM (MD) RD (Interval, size a	SACKS CEMENT*	SCREEN (MD) 32 DEPTH INT 5,008-5,022' PRODUCTIO	SIZE ACID, TERVAL (MD) TERVAL (MD)	DEPTH SE 4,903 SHOT, FRACTURE, CEME AMOUNT A 2,000	NT SQUEEZE, ET ND KIND OF MAT O GALS 15%	C. ERIAL USED NEFE (Producing or shut-in) DDUCING
PERFORATION RECOR 5,008-5,0 TE FIRST PRODUCTION 2/19/00	BOTTOM (MD) RD (Interval, size a	SACKS CEMENT*	SCREEN (MD) 32 DEPTH INT 5,008-5,022' PRODUCTIO	SIZE ACID, FERVAL (MD)	DEPTH SE 4,903 SHOT, FRACTURE, CEME AMOUNT A 2,000	NT SQUEEZE, ET ND KIND OF MAT O GALS 15%	C. ERIAL USED NEFE (Producing or shut-in)
PERFORATION RECOR 5,008-5,0 TE FIRST PRODUCTION 2/19/00	BOTTOM (MD) RD (Interval, size a D22'	SACKS CEMENT* Ind number) IMETHOD (FA PUMPING	SCREEN (MD) 32 DEPTH INT 5,008-5,022' PRODUCTIO owing, gas lift, pumping PROD'N. FOR TEST PERIOD	ACID, IERVAL (MD) N -size and type of OIL-BBL. 35		WELL STATUS WATER-BBL ( 90	C. ERIAL USED NEFE (Producing or shut-in) DUCING SAS-OIL RATIO 400
PERFORATION RECOR 5,008-5,0 TE FIRST PRODUCTION 2/19/00 TE OF TEST 1/6/01	BOTTOM (MD) RD (Interval, size an D22' PRODUCTION HOURS TESTED	SACKS CEMENT* Ind number) IMETHOD (FA PUMPING CHOKE SIZE 24-HOUR RATE	SCREEN (MD) 32 32 DEPTH INT 5,008-5,022' PRODUCTIO owing, gas lift, pumping	ACID, IERVAL (MD)	DEPTH SE 4,903 SHOT, FRACTURE, CEME AMOUNT A 2,000 pump) GAS-MCF	WELL STATUS WATER-BBL [	C. ERIAL USED NEFE (Producing or shut-in) DUCING SAS-OIL RATIO 400
PERFORATION RECOR 5,008-5,0 TE FIRST PRODUCTION 2/19/00 TE OF TEST 1/6/01	BOTTOM (MD) RD (Interval, size a D22' PRODUCTION HOURS TESTED 24	SACKS CEMENT* Ind number) IMETHOD (F# PUMPING CHOKE SIZE	SCREEN (MD) 32 DEPTH INT 5,008-5,022' PRODUCTIO owing, gas lift, pumping PROD'N. FOR TEST PERIOD	ACID, IFERVAL (MD) N -size and type of OIL-BBL. 35		WELL STATUS WATER-BBL ( 90	C. ERIAL USED NEFE (Producing or shut-in) DUCING SAS-OIL RATIO 400
PERFORATION RECOR 5,008-5,0 TE FIRST PRODUCTION 2/19/00 TE OF TEST 1/6/01 OW, TUBING PRESS	BOTTOM (MD) RD (Interval, size a) D22' PRODUCTION HOURS TESTED 24 CASING PRESSURE	SACKS CEMENT* Ind number) IMETHOD (FA PUMPING CHOKE SIZE 24-HOUR RATE	SCREEN (MD) 32 DEPTH INT 5,008-5,022' PRODUCTIC owing, gas lift, pumping PRODUCTIC owing. Content of the second se	SIZE ACID, TERVAL (MD) N -Size and type of OIL-BBL. GAS-MCF.	DEPTH SE           4,903           SHOT, FRACTURE, CEME           AMOUNT A           2,000           pump)           GAS-MCF.           14           WATER-BBL.	WELL STATUS WELL STATUS WELL STATUS PRC WATER-BBL OIL GRAVITY-7	C. ERIAL USED NEFE (Producing or shut-in) DUCING SAS-OIL RATIO 400 API (CORE) SED BY
PERFORATION RECOR 5,008-5,0 TE FIRST PRODUCTION 2/19/00 TE OF TEST 1/6/01 OW, TUBING PRESS DISPOSITION OF (Sold, of SOLD	BOTTOM (MD) RD (Interval, size an D22' PRODUCTION HOURS TESTED 24 CASING PRESSURE used for fuel, vented, etc.)	SACKS CEMENT* Ind number) IMETHOD (FA PUMPING CHOKE SIZE 24-HOUR RATE	SCREEN (MD) 32 DEPTH INT 5,008-5,022' PRODUCTIC owing, gas lift, pumping PRODUCTIC owing. Content of the second se	SIZE ACID, TERVAL (MD) N -Size and type of OIL-BBL. GAS-MCF.	DEPTH SE           4,903           SHOT, FRACTURE, CEME           AMOUNT A           2,000           pump)           GAS-MCF.           14           WATER-BBL.	WELL STATUS WELL STATUS WELL STATUS PRC WATER-BBL OIL GRAVITY-7	C. ERIAL USED NEFE (Producing or shut-in) DUCING SAS-OIL RATIO 400 API (CORE) SED BY
PERFORATION RECOR 5,008-5,0 TE FIRST PRODUCTION 2/19/00 TE OF TEST 1/6/01 OW, TUBING PRESS DISPOSITION OF (Sold, a SOLD UIST OF ATTACHMENTS C 104	BOTTOM (MD) RD (Interval, size an D22' PRODUCTION HOURS TESTED 24 CASING PRESSURE used for fuel, vented, etc.) S	SACKS CEMENT*	SCREEN (MD) 32 DEPTH INT 5,008-5,022* PRODUCTIC owing, gas lift, pumping PRODYN: FOR TEST PERIOD OIL-BBL. 35	SIZE ACID, TERVAL (MD) OIL-BBL. OIL-BBL. GAS-MCF. 14	DEPTH SE           4,903           SHOT, FRACTURE, CEME           AMOUNT A           2,000           pump)           GAS-MCF           14           WATER-BBL           90	WELL STATUS WELL STATUS PRC WATER-BBL. C 90 OIL GRAVITY-F 1EST WITNESS ROBERT	C. ERIAL USED NEFE (Producing or shut-in) DUCING SAS-OIL RATIO 400 API (CORE) SED BY
PERFORATION RECOR 5,008-5,0 TE FIRST PRODUCTION 2/19/00 TE OF TEST 1/6/01 OW, TUBING PRESS DISPOSITION OF (Sold, a SOLD LIST OF ATTACHMENTS C 104	BOTTOM (MD) RD (Interval, size an D22' PRODUCTION HOURS TESTED 24 CASING PRESSURE used for fuel, vented, etc.) S	SACKS CEMENT*	SCREEN (MD) 32 DEPTH INT 5,008-5,022* PRODUCTIC owing, gas lift, pumping PRODYN: FOR TEST PERIOD OIL-BBL. 35	SIZE ACID, TERVAL (MD) OIL-BBL. OIL-BBL. GAS-MCF. 14	DEPTH SE           4,903           SHOT, FRACTURE, CEME           AMOUNT A           2,000           pump)           GAS-MCF.           14           WATER-BBL.	WELL STATUS WELL STATUS PRC WATER-BBL. C 90 OIL GRAVITY-F 1EST WITNESS ROBERT	C. ERIAL USED NEFE (Producing or shut-in) DUCING SAS-OIL RATIO 400 API (CORE) SED BY
PERFORATION RECOR 5,008-5,0 TE FIRST PRODUCTION 2/19/00 TE OF TEST 1/6/01 OW, TUBING PRESS DISPOSITION OF (Sold, a SOLD UIST OF ATTACHMENTS C 104	BOTTOM (MD) RD (Interval, size a) D22' PRODUCTION HOURS TESTED 24 CASING PRESSURE used for fuel, vented, etc.) S t the foregoing and att	SACKS CEMENT Ind number) IMETHOD (FA PUMPING CHOKE SIZE 24-HOUR RATE CALCULATED 	SCREEN (MD) 32 DEPTH INT 5,008-5,022* PRODUCTIC owing, gas lift, pumping PRODUCTIC owing, gas lift, pumping OIL-BBL OIL-BBL 35 Complete and corre	ACID, TERVAL (MD) TERVAL (MD) N -size and type of OIL-BBL. GAS-MCF. 14	DEPTH SE 4,903 SHOT, FRACTURE, CEME AMOUNT A 2,000 pump) GAS-MCF. 14 WATER-BBL. 90	WELL STATUS WELL STATUS PRC WATER-BBL OIL GRAVITY-7 TEST WITNESS ROBERT Cords.	C. ERIAL USED NEFE (Producing or shut-in) DUCING SAS-OIL RATIO 400 API (CORE) SED BY GRIFFIN
PERFORATION RECOR 5,008-5,0 TE FIRST PRODUCTION 2/19/00 TE OF TEST 1/6/01 DW, TUBING PRESS DISPOSITION OF (Sold, a SOLD UST OF ATTACHMENTS C 104	BOTTOM (MD) RD (Interval, size a) D22' PRODUCTION HOURS TESTED 24 CASING PRESSURE used for fuel, vented, etc.) S t the foregoing and att	SACKS CEMENT*	SCREEN (MD) 32 DEPTH INT 5,008-5,022* PRODUCTIC owing, gas lift, pumping PRODUCTIC owing, gas lift, pumping OIL-BBL OIL-BBL 35 Complete and corre	ACID, TERVAL (MD) TERVAL (MD) N -size and type of OIL-BBL. GAS-MCF. 14	DEPTH SE           4,903           SHOT, FRACTURE, CEME           AMOUNT A           2,000           pump)           GAS-MCF           14           WATER-BBL           90	WELL STATUS WELL STATUS PRC WATER-BBL. C 90 OIL GRAVITY-F 1EST WITNESS ROBERT	C. ERIAL USED NEFE (Producing or shut-in) DUCING SAS-OIL RATIO 400 API (CORE) SED BY

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

# 37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals; and all drill stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and

North Young Delaware			FORMATION	recoveries):
4970			TOP	
,			BOTTOM	
			DESCRIPTION, CONTENTS, ETC.	
	NAME			38
DEPTH	MEASURED	TOP		38. GEOLOGIC MARKERS
V.D.		U		MARKERS

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco Sente Fe NM 87504

# State of New Mexico Energy, Minerals & Natural Resources

Form C-102 Revised March 17, 1999

### OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

## AMENDED REPORT

0 South Pacheco, Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT <sup>1</sup> API Number <sup>2</sup> Pool Code <sup>3</sup> Pool Name 30-025-27406S2 65355 North Young Delaware • Well Number <sup>4</sup> Property Code <sup>6</sup> Property Name Federal AF #1 <sup>1</sup> Operator Name <sup>7</sup>OGRID No. 'Elevation 10179 Harvey E. Yates Company 3,776.6 RDB <sup>10</sup> Surface Location Feet from the North/South line UL or lot no. Т Section Township Range Lot Idn Feet from the East/West line County

K	8	185	32E		1,980	South	1,980	West	Lea
<b></b>				<sup>11</sup> Bottom l	Hole Location If	Different From S	urface	· · ·	
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres	s <sup>13</sup> Joint o	r Infill 🧯 🤇	Consolidation	Code <sup>15</sup> OI	rder No.				

# NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16			<sup>17</sup> OPERATOR CERTIFICATION
			I hereby certify that the information contained herein is true and complete to the
			best of my knowledge and belief
			7
			Juckara Redgers
			officiente
			Dianna Rodgers
			Printed Name
			Production Analyst
			Title
			February 21, 2001
			Date
			<sup>18</sup> SURVEYOR CERTIFICATION
			I hereby certify that the well location shown on this plat was plotted from field
			notes of actual surveys made by me
			or under my supervision, and that the same is true and correct to the best of my
1,980			belief.
1 1			
			Date of Survey
			Date of Survey
L			Signature and Seal of Professional Surveyer:
1.980			Sector and start of 1 1910 Street Out Veyor.
38.			
			Certificate
			Number
	I	l	

Perm 3180.5 (JUNE 1990)       UN       STATES         DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT         SUNDRY NOTICES AND REPORTS ON WELLS         Do not use this form for proposals to drill or to deepen or reentry to a different Use "APPLICATION FOR PERMIT" for such proposals         SUBMIT ORIGINAL + 6 COPIES         1       Type of Well	7. If Unit or CA, Agreement Designation         8. Well Name and No.         Federal AF #1         9. API Well No.         30-025-27406         10. Field and Pool, or Exploratory Area         Young Bone Spring North         11. County or Parish, State         Lea County, NM         NOTICE, REPORT, OR OTHER DATA         TYPE OF ACTION         Change of Plans         New Construction         Non-Routine Fracturing         Vater Shut-Off	
(JUNE 1990) DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reentry to a different Use "APPLICATION FOR PERMIT-" for such proposals SUBMIT ORIGINAL + 6 COPIES 1. Type of Well . Type of SUBMISSION . Type of Intent . Recompletion . Subsequent Report . Final Abandonment Notice . Final Abandonment Notice . Subsequent Report . Final Abandonment Notice . Tother Perforate/acid . Subsequent and measured and muscure and pertinent deals, and give pertinent decis, including e give subsurface locations and measured and muscure and measured and muscure structure of this work.)* 12/11/00 Set CIBP @ 8,300'. 12/13/00 Set CIBP @ 8,130'. Perforate 5,008-5,022' (8 shots). 13/13/00 Set CIBP @ 8,130'. Pe	Expires: March 31, 1993         5. Lease Designation and Serial No.         NM-40448         reservoir.         6. If Indian, Allottee or Tribe Name         7. If Unit or CA, Agreement Designation         8. Well Name and No.         Federal AF #1         9. API Well No.         30-025-27406         10. Field and Pool, or Exploratory Area         Young Bone Spring North         11. County or Parish, State         Lea County, NM         NOTICE, REPORT, OR OTHER DATA         TYPE OF ACTION         Change of Plans         Non-Routine Fracturing         Non-Routine Fracturing         Vater Shut-Off	
SUNDRY NOTICES AND REPORTS ON WELLS         Do not use this form for proposals to drill or to deepen or reentry to a different Use "APPLICATION FOR PERMIT—" for such proposals         SUBMIT ORIGINAL + 6 COPIES         I Type of Well         OIL OPTION FOR PERMIT—" for such proposals         SUBMIT ORIGINAL + 6 COPIES         I Type of Well (Divotage, See, T., R. M. or Survey Description)         1980' FSL & 1980' FWL         Sec 8, T18S, R32E         12 CHECK APPROPRIATE BOX (s) TO INDICATE NATURE OF         TYPE OF SUBMISSION         I Notice of Intent         Abandonment         Recompleted Operations (Clearly state all pertinent details, and give pertinent dates, including e         give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*         12/11/00 Set CIBP @ 8,300'.         12/11/00 Set CIBP @ 8,130'. Perforate 5,008-5,022' (8 shots).         12/11/00 Set CIBP @ 8,130'. Perforate 5,008-5,022' (8 shots).         12/11/00 Set CIBP @ 8,130'. Perforate 5,008-5,022' (8 shots). <td colsp<="" td=""><td>S. Lease Designation and Serial No.  NM-40448  Severvoir.  A. If Indian, Allottee or Tribe Name  7. If Unit or CA, Agreement Designation  8. Well Name and No.  Federal AF #1  9. API Well No.  30-025-27406  10. Field and Pool, or Exploratory Area  Young Bone Spring North  11. County or Parish, State  Lea County, NM  NOTICE, REPORT, OR OTHER DATA  TYPE OF ACTION  Change of Plans New Construction Non-Routine Fracturing VVater Shut-Off</td></td>	<td>S. Lease Designation and Serial No.  NM-40448  Severvoir.  A. If Indian, Allottee or Tribe Name  7. If Unit or CA, Agreement Designation  8. Well Name and No.  Federal AF #1  9. API Well No.  30-025-27406  10. Field and Pool, or Exploratory Area  Young Bone Spring North  11. County or Parish, State  Lea County, NM  NOTICE, REPORT, OR OTHER DATA  TYPE OF ACTION  Change of Plans New Construction Non-Routine Fracturing VVater Shut-Off</td>	S. Lease Designation and Serial No.  NM-40448  Severvoir.  A. If Indian, Allottee or Tribe Name  7. If Unit or CA, Agreement Designation  8. Well Name and No.  Federal AF #1  9. API Well No.  30-025-27406  10. Field and Pool, or Exploratory Area  Young Bone Spring North  11. County or Parish, State  Lea County, NM  NOTICE, REPORT, OR OTHER DATA  TYPE OF ACTION  Change of Plans New Construction Non-Routine Fracturing VVater Shut-Off
Do not use this form for proposals to drill or to deepen or reentry to a different Use "APPLICATION FOR PERMIT" for such proposals  SUBMIT ORIGINAL + 6 COPIES  Type of Well Oil Oil Office Company  P.O. Box 1933, Roswell, NM 88202  Lacation of Well (Footage, See, T., R. M., or Survey Description)  P.O. Box 1933, Roswell, NM 88202  Lacation of Well (Footage, See, T., R. M., or Survey Description)  P.O. Box 1933, Roswell, NM 88202  Lacation of Well (Footage, See, T., R. M., or Survey Description)  P.O. Box 1933, Roswell, NM 88202  Lacation of Well (Footage, See, T., R. M., or Survey Description)  P.O. Box 1933, Roswell, NM 88202  Lacation of Well (Footage, See, T., R. M., or Survey Description)  P.O. Box 1933, Roswell, NM 88202  Lacation of Well (Footage, See, T., R. M., or Survey Description)  P.O. Box 1933, Roswell, NM 88202  Lacation of Well (Footage, See, T., R. M., or Survey Description)  P.O. Box 1933, Roswell, NM 88202  Lacation of Well (Footage, See, T., R. M., or Survey Description)  P.O. Box 1933, Roswell, NM 88202  Lacation of Well (Footage, See, T., R. M., or Survey Description)  P.O. Box 1933, Roswell, NM 88202  Lacation of Well (Footage, See, T., R. M., or Survey Description)  P.O. Box 1933, Roswell, NM 88202  Lacation of Well (Footage, See, T., R. M., or Survey Description)  P.O. Box 1933, Roswell, NM 88202  Lacation of Well (Footage, See, T., R. M., or Survey Description)  Set CIBP @ 8,300'.  12/11/00 Set CIBP @ 8,300'.  12/13/00 Set CIBP @ 8,300'.  12/13/	NM-40448         feservoir.       6. If Indian, Allottee or Tribe Name         7. If Unit or CA. Agreement Designation       8. Well Name and No.         Federal AF #1       9. API Well No.         30-025-27406       10. Field and Pool, or Exploratory Area         Young Bone Spring North       11. County or Parish, State         Lea County, NM         NOTICE, REPORT, OR OTHER DATA         TYPE OF ACTION         Change of Plans         New Construction         Non-Routine Fracturing         Vater Shut-Off	
Do not use this form for proposals to drill or to deepen or reentry to a different Use "APPLICATION FOR PERMIT" for such proposals  SUBMIT ORIGINAL + 6 COPIES  Type of Well Operator Harvey E. Yates Company  P.O. Box 1933, Roswell, NM 88202  Location of Well (Footage, See, T., R. M., or Survey Description)  1980' FSL & 1980' FWL Sec 8, T18S, R32E  12 CHECK APPROPRIATE BOX (s) TO INDICATE NATURE OF TYPE OF SUBMISSION  Notice of Intent Recompletion Subsequent Report Final Abandonment Notice  I. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including e give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*  12/11/00 Set CIBP @ 8,300'. 12/13/00 Set CIBP @ 8,130'. Perforate 5,008-5,022' (8 shots). 12/15/00 Acidize w/2,000 gals 15% NEFE. 12/16/00 Frac w/39,889 gals XLFE; 3,640 gals 3% HCL 1/4% HF 8 12/18/00 Well placed back on production 4:00 pm.	reservoir.       6. If Indian, Allottee or Tribe Name         7. If Unit or CA, Agreement Designation         8. Well Name and No,         Federal AF #1         9. API Well No.         30-025-27406         10. Field and Pool, or Exploratory Area         Young Bone Spring North         11. County or Parish, State         Lea County, NM         NOTICE, REPORT, OR OTHER DATA         TYPE OF ACTION         Change of Plans         New Construction         Non-Routine Fracturing         Vater Shut-Off	
Use "APPLICATION FOR PERMIT" for such proposals           SUBMIT ORIGINAL + 6 COPIES           1. Type of Well         Oil         Other           2. Name of Operator         Gas         Other           Harvey E. Yates Company           P.O. Box 1933, Roswell, NM 88202           1. Location of Well (Footage, Sec., T., R., M., or Survey Description)         1980° FSL & 1980° FWL           Sec 8, T18S, R32E           12         CHECK APPROPRIATE BOX (s) TO INDICATE NATURE OF           TYPE OF SUBMISSION         Plugging Back           Image: Subsequent Report         Plugging Back           Image: Final Abandonment Notice         Other Perforate/acid           13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including e give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*           12/11/00           Set CIBP @ 8,300°.           12/11/00 <tr< td=""><td></td></tr<>		
SUBMIT ORIGINAL + 6 COPIES         Type of Well Coll         Well       Gas       Other         Other         Harvey E. Yates Company         P.O. Box 1933, Roswell, NM 88202         Location of Well (Footage, Sec., T., R., M., or Survey Description)         1980° FSL & 1980° FWL       Sec 8, T18S, R32E         12       CHECK APPROPRIATE BOX (s) TO INDICATE NATURE OF         TYPE OF SUBMISSION       Abandonment         Recompletion       Recompletion         Subsequent Report       Plugging Back         Final Abandonment Notice       Attering Casing         Xother       Perforate/acid         13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including e give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*         12/11/00       Set CIBP @ 8,300°.         12/115/00       Acidize w/2,000 gals 15% NEFE. <td></td>		
Well       Well         2. Name of Operator         Harvey E. Yates Company         P.O. Box 1933, Roswell, NM       88202         4. Location of Well (Footage, Sec., T. R., M., or Survey Description)         1980' FSL & 1980' FWL         Sec 8, T18S, R32E         12       CHECK APPROPRIATE BOX (s) TO INDICATE NATURE OF         TYPE OF SUBMISSION         Notice of Intent         Notice of Intent         Subsequent Report         Final Abandonment Notice         Final Abandonment Notice         Attering Casing         X Other         Perforate/acid         I3. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including e give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*         12/11/00       Set CIBP @ 8,300'.         12/13/00       Set CIBP @ 8,130'. Perforate 5,008-5,022' (8 shots).         12/15/00       Acidize w/2,000 gals 15% NEFE.         12/15/00       Frac w/39,889 gals XLFE; 3,640 gals 3% HCL 1/4% HF 8         12/18/00       Well placed back on production 4:00 pm.	Federal AF #1         9. API Well No.         30-025-27406         10. Field and Pool, or Exploratory Area         Young Bone Spring North         11. County or Parish, State         Lea County, NM         NOTICE, REPORT, OR OTHER DATA         TYPE OF ACTION         Change of Plans         New Construction         Non-Routine Fracturing         Vater Shut-Off	
Well       Well         Well       Well         Well       Well         Harvey E. Yates Company         P.O. Box 1933, Roswell, NM       88202         Location of Well (Footage, Sec., T., R., M., or Survey Description)         1980' FSL & 1980' FWL         Sec 8, T18S, R32E         12       CHECK APPROPRIATE BOX (s) TO INDICATE NATURE OF         TYPE OF SUBMISSION         Notice of Intent         Recompletion         Subsequent Report         Final Abandonment Notice         Final Abandonment Notice         Altering Casing         Wother Perforate/acid         13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including e give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*         12/11/00       Set CIBP @ 8,300'.         12/11/00       Set CIBP @ 8,300'.         12/11/00       Set CIBP @ 8,300'.         12/11/00       Set CIBP @ 8,313'. Perforate 5,008-5,022' (8 shots).         12/11/00       Set CIBP @ 8,330'.         12/11/00       Frac w/39,889 gals XLFE; 3,640 gals 3% HCL 1/4% HF 8         12/18/00       Well placed back on production 4:00 pm. <td>9. API Well No. 30-025-27406 10. Field and Pool, or Exploratory Area Young Bone Spring North 11. County or Parish, State Lea County, NM NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION Change of Plans New Construction Non-Routine Fracturing Vater Shut-Off</td>	9. API Well No. 30-025-27406 10. Field and Pool, or Exploratory Area Young Bone Spring North 11. County or Parish, State Lea County, NM NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION Change of Plans New Construction Non-Routine Fracturing Vater Shut-Off	
2. Name of Operator         Harvey E. Yates Company         P.O. Box 1933, Roswell, NM       88202         4. Location of Well (Footage, Sec., T., R., M., or Survey Description)         1980' FSL & 1980' FWL         Sec 8, T18S, R32E         12       CHECK APPROPRIATE BOX (s) TO INDICATE NATURE OF         TYPE OF SUBMISSION         Notice of Intent         Abandonment         Recompletion         Ysubsequent Report         Final Abandonment Notice         Image: Section and measured and true vertical depths for all markers and zones pertinent dates, including e give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*         12/11/00       Set CIBP @ 8,300'.         12/11/00       Set CIBP @ 8,130'. Perforate 5,008-5,022' (8 shots).         12/13/00       Set CIBP @ 8,308'.         12/13/00       Set CIBP @ 8,130'. Perforate 5,008-5,022' (8 shots).         12/14/00       Set CIBP @ 8,308'.         12/15/00       Acidize w/2,000 gals 15% NEFE.         12/16/00       Frac w/39,889 gals XLFE; 3,640 gals 3% HCL 1/4% HF 8         12/18/00       Well placed back on production 4:00 pm.	30-025-27406 10. Field and Pool, or Exploratory Area Young Bone Spring North 11. County or Parish, State Lea County, NM NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION Change of Plans New Construction Non-Routine Fracturing Vater Shut-Off	
P.O. Box 1933, Roswell, NM       88202         Acception of Well (Footage, Sec., T., R., M., or Survey Description)         1980' FSL & 1980' FWL         Sec 8, T18S, R32E         12       CHECK APPROPRIATE BOX (s) TO INDICATE NATURE OF         TYPE OF SUBMISSION         Image: Subsequent Report         Image: Final Abandonment Notice         Image: Subsequent Report         Image: Subsequent Report         Image: Final Abandonment Notice         Image: Subsequent Report         Image: Subsequent Report      <		
<ul> <li>Location of Well (Footage, Sec., T., R., M., or Survey Description)</li> <li>1980' FSL &amp; 1980' FWL</li> <li>Sec 8, T18S, R32E <ul> <li>CHECK APPROPRIATE BOX (S) TO INDICATE NATURE OF</li> <li>TYPE OF SUBMISSION</li> <li>Notice of Intent</li> <li>Recompletion</li> <li>Subsequent Report</li> <li>Final Abandonment Notice</li> <li>Subsequent Abandonment Notice</li> <li>Final Abandonment Notice</li> <li>Casing Repair</li> <li>Other Perforate/acid</li> </ul> </li> <li>13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including e give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*</li> <li>12/11/00 Set CIBP @ 8,300'.</li> <li>12/13/00 Set CIBP @ 8,130'. Perforate 5,008-5,022' (8 shots).</li> <li>12/15/00 Acidize w/2,000 gals 15% NEFE.</li> <li>12/16/00 Frac w/39,889 gals XLFE; 3,640 gals 3% HCL 1/4% HF 8</li> <li>12/18/00 Well placed back on production 4:00 pm.</li> </ul>	Young Bone Spring North         11. County or Parish, State         Lea County, NM         NOTICE, REPORT, OR OTHER DATA         TYPE OF ACTION         Change of Plans         New Construction         Non-Routine Fracturing         Water Shut-Off	
<ul> <li>4. Location of Well (Footage, Sec., T., R., M., or Survey Description)</li> <li>1980' FSL &amp; 1980' FWL</li> <li>Sec 8, T18S, R32E <ul> <li>12</li> <li>CHECK APPROPRIATE BOX (S) TO INDICATE NATURE OF</li> <li>TYPE OF SUBMISSION</li> <li>Notice of Intent</li> <li>Abandonment</li> <li>Recompletion</li> <li>Subsequent Report</li> <li>Final Abandonment Notice</li> <li>IS Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including e give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*</li> <li>12/11/00</li> <li>Set CIBP @ 8,300'.</li> <li>12/13/00</li> <li>Set CIBP @ 8,130'. Perforate 5,008-5,022' (8 shots).</li> <li>12/15/00</li> <li>Acidize w/2,000 gals 15% NEFE.</li> <li>12/16/00</li> <li>Frac w/39,889 gals XLFE; 3,640 gals 3% HCL 1/4% HF 8</li> <li>12/18/00</li> </ul></li></ul>		
1980' FSL & 1980' FWL         Sec 8, T18S, R32E         12       CHECK APPROPRIATE BOX (S) TO INDICATE NATURE OF         TYPE OF SUBMISSION         Notice of Intent         Abandonment         Recompletion         Subsequent Report         Final Abandonment Notice         Final Abandonment Notice         Attering Casing         Yother         Perforate/acid         Tother Depriment dates, including e give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*         12/11/00       Set CIBP @ 8,300'.         12/11/00       Set CIBP @ 8,130'. Perforate 5,008-5,022' (8 shots).         12/15/00       Acidize w/2,000 gals 15% NEFE.         12/16/00       Frac w/39,889 gals XLFE; 3,640 gals 3% HCL 1/4% HF 8         12/18/00       Well placed back on production 4:00 pm.	Lea County, NM NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION Change of Plans New Construction Non-Routine Fracturing Water Shut-Off	
Sec 8, T18S, R32E         12       CHECK APPROPRIATE BOX (s) TO INDICATE NATURE OF         TYPE OF SUBMISSION         Notice of Intent         Notice of Intent         Subsequent Report         Final Abandonment Notice         Final Abandonment Notice         I3. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including e give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*         12/11/00       Set CIBP @ 8,300'.         12/11/00       Set CIBP @	NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION Change of Plans New Construction Non-Routine Fracturing Water Shut-Off	
12       CHECK APPROPRIATE BOX (s) TO INDICATE NATURE OF         TYPE OF SUBMISSION       Abandonment         Notice of Intent       Abandonment         Subsequent Report       Plugging Back         Final Abandonment Notice       Attering Casing         Yother       Perforate/acid         I3. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including e give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*         12/11/00       Set CIBP @ 8,300'.         12/11/00       Set CIBP @ 8,130'. Perforate 5,008-5,022' (8 shots).         12/15/00       Acidize w/2,000 gals 15% NEFE.         12/16/00       Frac w/39,889 gals XLFE; 3,640 gals 3% HCL 1/4% HF 8         12/18/00       Well placed back on production 4:00 pm.	NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION Change of Plans New Construction Non-Routine Fracturing Water Shut-Off	
TYPE OF SUBMISSION         Notice of Intent         Notice of Intent         Subsequent Report         Final Abandonment Notice         Final Abandonment Notice         Altering Casing         Other         Perforate/acid         Other         Perforate/acid         13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including e         give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*         12/11/00       Set CIBP @ 8,300'.         12/13/00       Set CIBP @ 8,130'. Perforate 5,008-5,022' (8 shots).         12/15/00       Acidize w/2,000 gals 15% NEFE.         12/16/00       Frac w/39,889 gals XLFE; 3,640 gals 3% HCL 1/4% HF 8         12/18/00       Well placed back on production 4:00 pm.	TYPE OF ACTION Change of Plans New Construction Non-Routine Fracturing Water Shut-Off	
Notice of Intent       Abandonment         Notice of Intent       Recompletion         Subsequent Report       Plugging Back         Final Abandonment Notice       Altering Casing         Other       Perforate/acid         13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including e give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*         12/11/00       Set CIBP @ 8,300'.         12/13/00       Set CIBP @ 8,130'. Perforate 5,008-5,022' (8 shots).         12/15/00       Acidize w/2,000 gals 15% NEFE.         12/16/00       Frac w/39,889 gals XLFE; 3,640 gals 3% HCL 1/4% HF 8         12/18/00       Well placed back on production 4:00 pm.	Change of Plans	
Image: Subsequent Report       Image: Recompletion         Image: Subsequent Report       Image: Plugging Back         Image: Final Abandonment Notice       Image: Casing Repair         Image: Final Abandonment Notice       Image: Altering Casing         Image: Subsequent Report       Image: Altering Casing         Image: Final Abandonment Notice       Image: Altering Casing         Image: Subsequent Report       Image: Altering Casing         Image: Subsective Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including enditive subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*         12/11/00       Set CIBP @ 8,300'.         12/11/00       Set CIBP @ 8,130'. Perforate 5,008-5,022' (8 shots).         12/15/00       Acidize w/2,000 gals 15% NEFE.         12/16/00       Frac w/39,889 gals XLFE; 3,640 gals 3% HCL 1/4% HF 8         12/18/00       Well placed back on production 4:00 pm.	New Construction	
Subsequent Report       Plugging Back         Final Abandonment Notice       Casing Repair         Altering Casing       Other Perforate/acid         13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including e give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*         12/11/00       Set CIBP @ 8,300'.         12/13/00       Set CIBP @ 8,130'. Perforate 5,008-5,022' (8 shots).         12/15/00       Acidize w/2,000 gals 15% NEFE.         12/16/00       Frac w/39,889 gals XLFE; 3,640 gals 3% HCL 1/4% HF 8         12/18/00       Well placed back on production 4:00 pm.	Non-Routine Fracturing	
<ul> <li>Final Abandonment Notice</li> <li>Casing Repair</li> <li>Altering Casing</li> <li>Other Perforate/acid</li> <li>Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including e give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*</li> <li>12/11/00 Set CIBP @ 8,300'.</li> <li>12/13/00 Set CIBP @ 8,130'. Perforate 5,008-5,022' (8 shots).</li> <li>12/15/00 Acidize w/2,000 gals 15% NEFE.</li> <li>12/16/00 Frac w/39,889 gals XLFE; 3,640 gals 3% HCL 1/4% HF 8</li> <li>12/18/00 Well placed back on production 4:00 pm.</li> </ul>	Water Shut-Off	
Final Abandonment Notice Final Abandonment Notice Altering Casing Cother Perforate/acid Cother Perforate/acid		
Final Abandonment Notice Final Abandonment Notice Altering Casing Cother Perforate/acid Cother Perforate/acid		
<ul> <li>X Other Perforate/acid</li> <li>Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including er give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*</li> <li>12/11/00 Set CIBP @ 8,300'.</li> <li>12/13/00 Set CIBP @ 8,130'. Perforate 5,008-5,022' (8 shots).</li> <li>12/15/00 Acidize w/2,000 gals 15% NEFE.</li> <li>12/16/00 Frac w/39,889 gals XLFE; 3,640 gals 3% HCL 1/4% HF 8</li> <li>12/18/00 Well placed back on production 4:00 pm.</li> </ul>		
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give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*         12/11/00       Set CIBP @ 8,300'.         12/13/00       Set CIBP @ 8,130'. Perforate 5,008-5,022' (8 shots).         12/15/00       Acidize w/2,000 gals 15% NEFE.         12/16/00       Frac w/39,889 gals XLFE; 3,640 gals 3% HCL 1/4% HF 8         12/18/00       Well placed back on production 4:00 pm.	(Note: Report results of multiple completion or	
12/11/00       Set CIBP @ 8,300'.         12/13/00       Set CIBP @ 8,130'. Perforate 5,008-5,022' (8 shots).         12/15/00       Acidize w/2,000 gals 15% NEFE.         12/16/00       Frac w/39,889 gals XLFE; 3,640 gals 3% HCL 1/4% HF 8         12/18/00       Well placed back on production 4:00 pm.	Completion or Recompletion Report and log fo imated date of starting any proposed work. If wells directionally drilled,	
12/15/00         Acidize w/2,000 gals 15% NEFE.           12/16/00         Frac w/39,889 gals XLFE; 3,640 gals 3% HCL 1/4% HF 8           12/18/00         Well placed back on production 4:00 pm.		
12/16/00         Frac w/39,889 gals XLFE; 3,640 gals 3% HCL 1/4% HF 8           12/18/00         Well placed back on production 4:00 pm.		
12/18/00 Well placed back on production 4:00 pm.	75 0004 40/00	
	75,200# 16/30 white sand.	
The B.S. 40')		
TAD 0.5:40	ACCEPTED FOR RECORD	
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	5946 tan 8 8	
14. I hereby certify that the foregoing is true and correct		
Signed Juana Kodgers Title Production A		
Dianna Rodgers		
(This space for Federal or State office use)		
Approved by Title ORIGINAL State	alyst Date 3-Jan-01	
Approved by Title On Griver Of Strategy Title		
	alyst Date 3-Jan-01	

