

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. OIL CONS. COMMISSION
P. BOX 1980
HOBBS, NEW MEXICO 88240

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

5. Lease Designation and Serial No.
NM-11118

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
8910180420

8. Well Name and No.
YOUNG DEEP UNIT # 6

9. API Well No.
30-025-27477

10. Field and Pool, or Exploratory Area
YOUNG BONE SPRING, NORTH

11. County or Parish, State
LEA, NM

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

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)

N, 1980' FWL & 660' FSL
SEC. 3, T-18S, R-32E

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 SIDETRACK & COMPLETION.

TYPE OF ACTION

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

(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.)

- 1-22-94 RUN CBL TO DETERMINE CMT TOP @ 5612'.
3-5-94 RUN JET CUTTER TO 5100' & CUT 4 1/2" CSG.
3-6-94 FIN POOH w/ 125 JTS 4 1/2" CSG. (5111') AND SPOT TBG @ 5161'.
SPOT 75 SK PLUG (CLC w/ 10# SAND/SK).
3-8-94 TAG CMT PLUG @ 4937' (174' ABOVE CSG STUB) 22-P TOTAL PLUG.
3-22-94 START DRESSING OFF CMT PLUG & SIDETRACKING OLD CASING.
4-3-94 SIDETRACK COMPLETED; RAN SURVEY; RAN & CMT 5 1/2" CSG. NOTE: CIRC CMT (200 SKS).
4-8-94 PERF BONE SPRING 8847-96' (OA). ACDZ w/ 3500 GALS 10%
4-9-94 RE-ACDZ w/ 5000 GALS 10% SRA 150
4-15-94 FRAC PERFS 8847-96' w/ 45,000 GALS & 77,000# SD.
4-19-94 RUN DOWN HOLE PRODUCTION EQUIPMENT.
4-20-94 SET PUMPING UNIT & HOOK UP ELEC. PUT ON PRODUCTION.

J. Lora
1994

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

Signed Ray E. Nokes TITLE PROD. MGR./ ENGR.

Date 4/27/94

(This space for Federal or State office use)

Approved by _____

TITLE _____

Date _____

Conditions of approval, if any: _____

RECEIVED

MAY 20 1994

U.S. DEPT. OF JUSTICE
OFFICE

DIG INC
MIDLAND TEXAS

MAGNETIC DIRECTIONAL SURVEY
BY MINIMUM CURVATURE

FOR

* HARVEY E. YATES CO. *

JOB NUMBER: M-2619

WELL NAME: YOUNG DEEP UNIT NO.

LOCATION: LEA CO. N.M.

SURVEY DATE: 4-2-94

SURVEY ENGINEER: P.HENDRICKS

MAGNETIC DECLINATION: N9.00E

TIE-ON COORDINATES AT: 4668 M.D.

***** DEPTH MEASURED IN FEET *****

COMMENTS:

***** THIS DIRECTIONAL SURVEY REPORT IS *****
***** CORRECT TO THE BEST OF MY KNOWLEDGE *****
***** AND IS SUPPORTED BY ACTUAL FIELD DATA *****

***** COMPANY REPRESENTATIVE *****

D.T.G., INC.

HARVEY E. YATES COMPANY
YOUNG DEEP UNIT #6
LEA COUNTY, NEW MEXICO

Calculated By Minimum Curvature Method
Vert Sect Plane: 356.87 Deg.

- RECORD OF SURVEY -

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TRUE VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)		VERTICAL SECTION (FT)	C L O S U R E DISTANCE DIRECTION (FT) (DEG)		DOGLEG SEVERITY (DG/100')
					0.00 N	0.00 L	0.00	0.00	0.00	0.00
4668.00	0.00	0.00	0.00	4668.00	0.04 N	0.60 W	0.07	0.60	274.00	2.27
4723.00	1.25	274.00	55.00	4723.00	0.20 N	2.62 W	0.35	2.63	274.39	0.02
4816.00	1.25	275.00	93.00	4815.97						
					0.87 N	4.73 W	1.13	4.81	280.40	0.64
4910.00	1.50	298.00	94.00	4909.95	1.85 N	5.36 W	2.15	5.67	289.09	2.02
5003.00	0.75	47.00	93.00	5002.94	2.88 N	4.36 W	3.12	5.23	303.48	0.28
5097.00	1.00	42.00	94.00	5096.97						
					4.30 N	3.83 W	4.50	5.76	318.29	0.79
5190.00	1.00	359.00	93.00	5189.91	5.73 N	5.79 W	5.93	6.87	326.51	0.28
5284.00	0.75	5.00	94.00	5283.90	7.13 N	3.91 W	7.34	8.13	331.28	0.38
5377.00	1.00	348.00	93.00	5376.89						
					8.43 N	4.97 W	8.69	9.79	329.46	1.02
5471.00	1.25	299.00	94.00	5470.87	8.99 N	7.08 W	9.37	11.44	321.78	0.71
5564.00	1.50	273.00	93.00	5563.85	9.42 N	9.66 W	9.94	13.49	314.26	0.45
5657.00	1.75	285.00	93.00	5656.81						
					10.01 N	12.47 W	10.69	15.99	308.77	0.19
5751.00	1.75	279.00	94.00	5750.77	9.92 N	15.67 W	10.77	18.54	302.33	0.89
5844.00	2.25	260.00	93.00	5843.71	9.85 N	19.52 W	10.92	21.86	296.77	0.79
5938.00	2.50	277.00	94.00	5937.63						
					10.34 N	23.55 W	11.63	25.72	293.71	0.00
6031.00	2.50	277.00	93.00	6030.54	10.82 N	27.41 W	12.32	29.47	291.53	0.27
6125.00	2.25	277.00	94.00	6124.46	11.84 N	31.31 W	13.56	33.47	290.71	0.84
6218.00	2.75	291.00	93.00	6217.37						
					14.16 N	35.35 W	16.10	38.08	291.83	0.94
6312.00	3.00	308.00	94.00	6311.26	17.73 N	38.11 W	19.82	42.03	294.95	1.62
6405.00	2.75	338.00	93.00	6404.15	21.72 N	39.72 W	23.89	45.27	298.67	0.27
6499.00	2.50	338.00	94.00	6498.05						
					25.43 N	40.54 W	27.64	47.86	302.09	0.93
6592.00	2.25	358.00	93.00	6590.97	28.95 N	41.71 W	31.22	50.77	304.76	1.39
6685.00	2.50	327.00	93.00	6683.89	32.84 N	43.45 W	35.20	54.46	307.08	0.87
6779.00	2.75	344.00	94.00	6777.79						
					37.41 N	44.28 W	39.81	57.96	310.19	0.65
6872.00	3.00	355.00	93.00	6870.68	42.09 N	44.80 W	44.51	61.47	313.21	0.31
6966.00	2.75	352.00	94.00	6964.56	47.54 N	45.28 W	49.98	65.66	316.39	1.38
7059.00	4.00	357.00	93.00	7057.40						
					53.66 N	44.30 W	56.04	69.59	320.46	1.80
7153.00	3.75	22.00	94.00	7151.19	59.92 N	41.42 W	62.12	72.84	325.35	1.15
7246.00	4.75	27.00	93.00	7243.93	67.36 N	37.53 W	69.34	77.11	330.87	0.80
7340.00	5.50	28.00	94.00	7337.56						
					75.77 N	33.07 W	77.48	82.67	336.42	0.81
7433.00	6.25	28.00	93.00	7430.07	85.21 N	28.16 W	86.64	89.74	341.71	0.55
7527.00	6.75	27.00	94.00	7523.46						

D.I.G., INC.

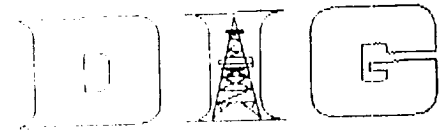
HARVEY E. YATES COMPANY
YOUNG DEEP UNIT #6
LEA COUNTY, NEW MEXICO

Calculated by Minimum Curvature Method
Vert Sect Plane: 356.82 Deg.

RECORD OF SURVEY

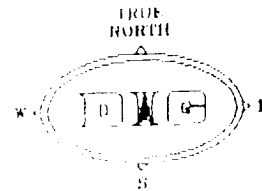
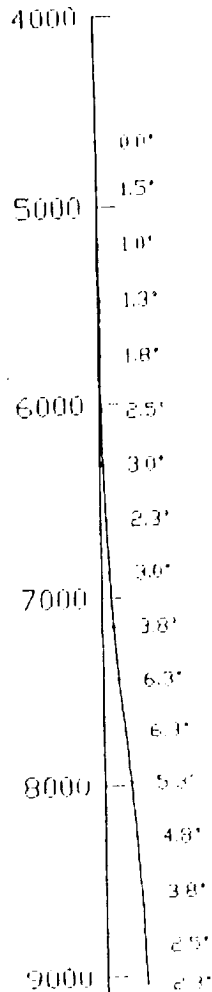
MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TRUE VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)		VERTICAL SECTION (FT)	C L O S U R E DISTANCE DIRECTION (FT) (DEG)		DOOLLEG SEVERITY (DB/100')
7620.00	6.25	15.00	93.00	7615.87	94.97 N	24.36 W	96.17	98.04	345.61	1.55
7714.00	6.25	15.00	94.00	7709.51	104.89 N	21.89 W	105.95	107.15	348.21	0.23
7806.00	6.25	17.00	92.00	7800.76	114.56 N	19.30 W	115.46	116.18	350.44	0.47
7900.00	5.75	15.00	94.00	7894.25	124.04 N	16.74 W	124.78	125.17	352.31	0.69
7994.00	5.25	8.00	94.00	7987.82	132.89 N	15.08 W	133.52	133.74	353.52	0.74
8087.00	4.50	357.00	93.00	8080.48	140.75 N	14.68 W	141.35	141.51	354.04	1.29
8181.00	4.25	357.00	94.00	8174.21	147.91 N	15.06 W	148.52	148.67	354.19	0.27
8274.00	4.75	11.00	93.00	8266.92	155.13 N	14.50 W	155.70	155.81	354.66	1.29
8368.00	4.50	11.00	94.00	8360.62	162.54 N	12.93 W	163.01	163.06	355.45	0.32
8461.00	4.25	357.00	93.00	8455.35	169.54 N	12.29 W	169.96	169.98	355.85	1.33
8555.00	3.75	2.00	94.00	8547.12	176.09 N	12.57 W	176.51	176.52	355.98	0.65
8648.00	3.25	2.00	93.00	8639.95	181.76 N	12.17 W	182.16	182.17	356.17	0.54
8742.00	2.50	4.00	94.00	8735.83	186.47 N	11.93 W	186.85	186.85	356.34	0.80
8835.00	2.50	1.00	93.00	8826.74	190.52 N	11.76 W	190.88	190.89	356.47	0.14
8929.00	2.50	10.00	94.00	8920.65	194.59 N	11.56 W	194.92	194.92	356.66	0.42
9022.00	2.25	358.00	93.00	9013.57	198.41 N	11.08 W	198.72	198.72	356.81	0.60
9050.00	2.25	2.00	28.00	9041.55	199.51 N	11.08 W	199.82	199.82	356.82	0.56

HARVEY E. YATES COMPANY
YOUNG DEEP UNIT #6
LEA COUNTY, NEW MEXICO



VERTICAL SECTION
SCALE: 1000 FEET DIVISION

HORIZONTAL PLAN
SCALE: 100 FEET DIVISION



VERTICAL SECTION PLANE: 00000000