

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.  
LG-1784

1a. TYPE OF WELL  
OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. TYPE OF COMPLETION  
NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESVR.  OTHER \_\_\_\_\_

7. Unit Agreement Name

8. Farm or Lease Name  
Amoco East 2 State

2. Name of Operator  
Harvey E. Yates Company

9. Well No.  
2

3. Address of Operator  
P. O. Box 1933, Roswell, New Mexico 88201

10. Field and Pool, or Wildcat  
Barch Springs  
Und. Bone Springs

4. Location of Well  
UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM

12. County  
Lea

THE West LINE OF SEC. 2 TWP. 18S RGE. 32E NMPM

15. Date Spudded 4/30/84 16. Date T.D. Reached 8/2/84 17. Date Compl. (Ready to Prod.) 8/22/84 18. Elevations (DF, RAB, RT, GR, etc.) 3870.3 GR 19. Elev. Casinghead \_\_\_\_\_

20. Total Depth 9300 21. Plug Back T.D. 9239 22. If Multiple Compl., How Many NA 23. Intervals Drilled By: Rotary Tools 125'-9300' Cable Tools 0-125'

24. Producing Interval(s), of this completion - Top, Bottom, Name  
8568' to 8930' Bone Springs 25. Was Directional Survey Made No

26. Type Electric and Other Logs Run  
DLL Micro Laterlog w/GR; CD-CN w/GR 27. Was Well Cored No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	54#	609'	17 1/2	450 SXS	None
8 5/8	24# & 32#	2701'	11	850 SXS	None
5 1/2	15.5# & 17#	9300'	7 7/8	500 SXS	None

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
		NA			2 3/8	8414	8414

31. Perforation Record (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL	AMOUNT AND KIND MATERIAL USED
8764'-8930' (1 SPF)	Acid w/2500 gal 7 1/2% SRA
8764'-8930'	Frac w/87,000 gal & 100,000# sd
8568'-8737'	Acid w/2500 gal 7 1/2% SRA
8568'-8652'	Frac w/70,000 gal & 120,000# sd

33. PRODUCTION  
Date First Production 8/22/84 Production Method (Flowing) Well Status (Prod.)

Date of Test 8/23/84 Hours Tested 24 Choke Size 16/64" Prod'n. For Test Period 196 Oil - Bbl. 196 Gas - MCF 162 Water - Bbl. 0 Gas-Oil Ratio 827

Flow Tubing Press. 260# Casing Pressure \_\_\_\_\_ Calculated 24-Hour Rate 196 Oil - Bbl. 162 Gas - MCF 0 Water - Bbl. 40 Oil Gravity - API (Corr.) \_\_\_\_\_

34. Disposition of Gas (Sold) Test Witnessed By John Bilberry

35. List of Attachments  
Logs & Deviation Survey

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Ray T. [Signature] TITLE Reservoir Engineer DATE 8/27/84

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in duplicate except on state land, where six copies are required. See Hole 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northeastern New Mexico

Southeastern New Mexico

Well Name	Formation	Top	Bottom
Ristler	Canyon	1248	
Cowden	Strawn	2360	
Miss	Aloka	2748	
Yates	Miss	3177	
7 Rivers	Devonian	3926	
Green	Sturrian	4483	
Gayburg	Mantoya		
San Andres	Simpson		
Garceta	McKee		
Pardock	Ellienger		
Blinbery	Gr. Wash		
Tabb	Granite	5603	
Drinkard	Delaware Sand	6056	
Abn	Bone Springs		
Wolfcamp	Wingate		
Penn.	Chinle		
Penn.	Permian		
T. Cisco (Bough C)	Penn. "A"		
Ojo Alamo	Ojo Alamo		
Penn. "B"	Penn. "B"		
Penn. "C"	Penn. "C"		
Penn. "D"	Penn. "D"		
Leadville	Leadville		
Madison	Madison		
Eibert	Eibert		
McCracken	McCracken		
Ignacio Ortiz	Ignacio Ortiz		
Gallup	Gallup		
Phase Greenhorn	Phase Greenhorn		
Dakota	Dakota		
Morrison	Morrison		
Toddle	Toddle		
Entrada	Entrada		

OIL OR GAS SANDS OR ZONES

No. 1, from	No. 2, from	No. 3, from	No. 4, from
to	to	to	to
to	to	to	to
to	to	to	to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from	No. 2, from	No. 3, from	No. 4, from
to	to	to	to
to	to	to	to
to	to	to	to

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation
0	720	720	Anhy & Red Bed
720	3670	2950	Anhy & Salt
3670	7471	3801	Dolo & Anhy
7471	7720	249	Chert & Li
7720	8030	310	Sh & Li
8030	8090	60	Sd & Dolo
8090	8440	350	Sh & Li
8440	8945	505	Sd & Sh
8945	9300	355	Dolo & Sh

RECEIVED  
 APR 29 1984  
 RECORDS OFFICE