

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

AUG 14 1992

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

2. Name of Operator

Harvey E. Yates Company ✓

3. Address and Telephone No.

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

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

1980' FSL & 1980' FWL  
Sec. 8, T18S, R31E

5. Lease Designation and Serial No.

LC-029393-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Arco 8 Federal #1

9. API Well No.

30-015-27055

10. Field and Pool, or Exploratory Area

North Shugart Bone Spring

11. County or Parish, State

Eddy, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Spud & csg jobs	<input type="checkbox"/> 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.)\*

Spud well @ 7:00 am 7/24/92

7/24/92 TD surface @ 350'  
Ran 8 jts 13 3/8" 54.5# J55; Set @ 350'  
Cmtd w/375 sks Cl "C" w/2% CaCl  
PD @ 4:30 pm; Circ 119 sks to pit  
WOC 12 hrs; Test csg to 1000# for 30 min-Held ok

7/28/92 TD intermediate @ 2100'  
Ran 48 jts 8 5/8" 32# J55; Set @ 2100'  
Cmtd w/100 sks Thicset, 1200 sks 65/35 "C" poz w/2% CaCl & 200 sks "C" w/2% CaCl  
PD @ 9:00 pm 7/28/92; Did not circ; Wait 4 hrs; Ran Temp. Survey (see attachment)  
TOC @ 580'; One-inch in 3 stages w/290 sks Cl "C" w/4% CaCl, Circ 10 sks to pit  
WOC 12 hrs; Test csg to 1000# for 30 min-Held ok

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

Signed V. Teel Title Drilg/Prod Analyst

Date 8/3/92

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title

Date

ACCEPTED FOR RECORD

2 1992

AUG 3 1992

COMPANY: Keltic Services

CLIENT: HEYCO

GAUGE NUMBER: 576

WELL NAME: ARCO 8 FED

WELL NUMBER: #1

TEST NUMBER: 1

LOCATION: EDDY COUNTY, N.M.

TEST OPERATOR: LARRY MOSSBARGER

COMMENTS: TEMPERATURE SURVEY RUN TO FIND  
CEMENT TOP.

PAGE START DATE: 7/28/92  
PAGE START TIME: 1: 0: 0  
DATA FILE: 8

GAUGE S/N: 576

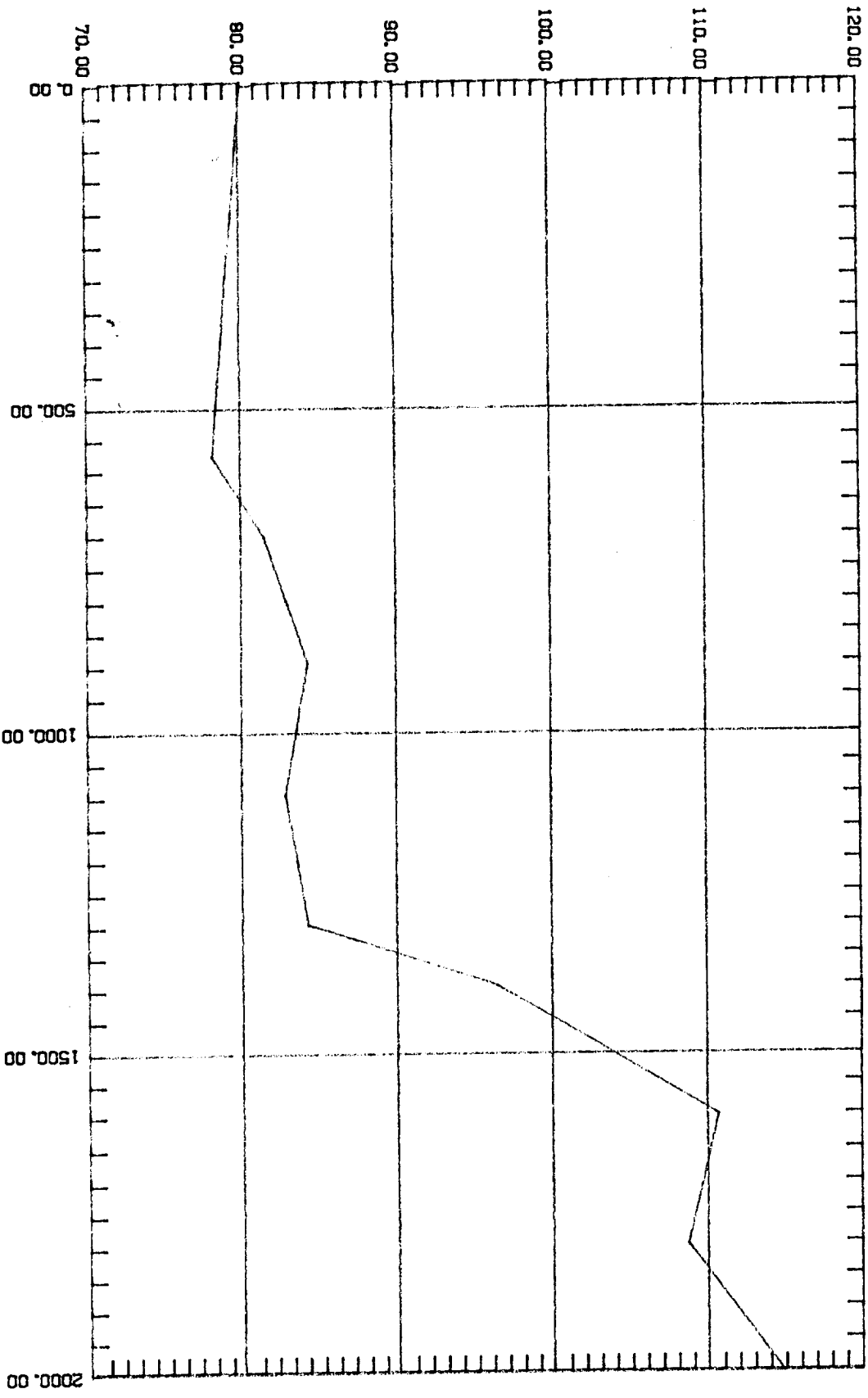
DELTA TIME HRS	DEPTH FEET	TEMPERATURE 'F	COMMENTS
0.000	0.00	80.10	
0.017	100.00	79.78	
0.033	200.00	79.45	
0.050	300.00	79.06	
0.067	400.00	78.77	
0.083	500.00	78.40	
0.098	580.00	78.14	CEMENT TOP
0.117	700.00	81.46	
0.133	800.00	82.90	
0.150	900.00	84.27	
0.167	1000.00	83.54	
0.183	1100.00	82.82	
0.200	1200.00	83.57	
0.217	1300.00	84.26	
0.233	1400.00	96.44	
0.267	1600.00	110.73	
0.300	1800.00	108.71	
0.333	2000.00	114.89	

Plot starting date: 7/28/92  
time: 1: 0: 0  
Gauge S/N 576

Company: KELTIC SERVICES  
Client: HEYCO  
Well name: ARCO 8 FED  
Well #: #1  
Test #: 1

Location: EDDY COUNTY, N.M.  
Operator: LARRY MOSSBARGER  
Comments: TEMPERATURE SURVEY RUN TO FIND CEMENT TOP.

# TEMPERATURE - 'F



DEPTH - FEET