

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>
2. NAME OF OPERATOR Harvey E. Yates Company ✓						3. ADDRESS OF OPERATOR P. O. Box 1933, Roswell, New Mexico 88201	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL & 1980' FWL At top prod. interval reported below At total depth Same						10. FIELD AND POOL, OR WILDCAT Wildcat	
14. PERMIT NO.						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 1, T-24S, R-28E	
15. DATE SPUDDED 5/11/81		16. DATE T.D. REACHED 5/30/81		17. DATE COMPL. (Ready to prod.) 7-1-82		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 2963.3 GR	
20. TOTAL DEPTH, MD & TVD 8619'		21. PLUG BACK T.D., MD & TVD 6585'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS 0 - 8619 CABLE TOOLS -	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6455' - 6563' Bone Spring						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger CN-FD, DLL-Rxo, NGT, GR-CBL						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
13 3/8	48#	409'	17 1/2	875 SXS		None	
8 5/8	32# & 24#	3000'	11"	1100 SXS		None	
4 1/2	11.6# & 10.5	7710		500 SXS		None	
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT	30. TUBING RECORD			
		NONE		SIZE	DEPTH SET (MD)	PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)							
6455 - 6470 1/2" dia - 15 shots 6480 - 6563 1/2" dia - 10 shots				32. PERFORATION METHOD (Flowing, gas lift, pumping—size and type of pump) Swab & Pumping 2" X 1 1/2" X 16" Trav Bbl			
33.* PRODUCTION				WELL STATUS (Producing or shut-in) 81 TA			
DATE FIRST PRODUCTION 7/21/81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Swab & Pumping 2" X 1 1/2" X 16" Trav Bbl		WELL STATUS (Producing or shut-in) 81 TA			
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
35. LIST OF ATTACHMENTS See letter for allowable.							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from a check of the well logs and other data.							
SIGNED Peck Hardee		TITLE Peck Hardee		DATE June 16, 1982		TEST WITNESSED BY JUL 1 1982 U.S. GEOLOGICAL SURVEY ROSWEEL, NEW MEXICO	

*(See Instructions and Spaces for Additional Data on Reverse Side)

Filed
TA 7-9-82

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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 RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Rock	0	409	
& Surface Rock	409	810	
& Anhy w/salt	810	2384	
stringers			
Anhy & salt	1284	2524	
Anhy	2524	2830	
Anhy & Lime	2830	3000	
Lime	3000	8619	

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Lamar LS	2662	
Bell Canyon	2692	
Cherry Canyon	3579	
Brushy Canyon	4783	
Bone Spring Sh	6323	
Bone Spring LS	6565	
1st B.S. Sd	7316	
Base 1st B.S.Sd	7607	
2nd B.S. Sd	8110	
Base 2nd B.S.Sd	8420	
T.D.	8619	

WELL NAME AND NUMBER Phillips Federal #1

LOCATION Section 1, T24S, R28E, Eddy County, New Mexico
(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)

OPERATOR Harvey E. Yates Co.

DRILLING CONTRACTOR MORANCO

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>
<u>1/2</u> <u>125</u>	<u>3</u> <u>2246</u>	<u>1/2</u> <u>5429</u>	
<u>1</u> <u>409</u>	<u>4</u> <u>2400</u>	<u>1/4</u> <u>5841</u>	
<u>3/4</u> <u>685</u>	<u>2</u> <u>2830</u>	<u>1/2</u> <u>6458</u>	
<u>1 1/4</u> <u>991</u>	<u>1 1/2</u> <u>2882</u>	<u>1 1/2</u> <u>6873</u>	
<u>1</u> <u>1189</u>	<u>3 1/2</u> <u>2585</u>	<u>1 1/2</u> <u>7172</u>	
<u>1</u> <u>1275</u>	<u>2 1/2</u> <u>2645</u>	<u>1 3/4</u> <u>7357</u>	
<u>3/4</u> <u>1401</u>	<u>1 1/2</u> <u>3000</u>	<u>1 1/4</u> <u>7667</u>	
<u>1</u> <u>1672</u>	<u>1 1/4</u> <u>3300</u>	<u>3/4</u> <u>8015</u>	
<u>3/4</u> <u>1808</u>	<u>1</u> <u>3880</u>	<u>3/4</u> <u>8407</u>	
<u>3</u> <u>2091</u>	<u>1</u> <u>4291</u>		
<u>4 1/4</u> <u>2462</u>	<u>1</u> <u>4756</u>		
<u>3 3/4</u> <u>2524</u>	<u>3/4</u> <u>5058</u>		

Drilling Contractor MORANCO

By 
Jerry Gilbert - Vice President - Engineering

Subscribed and sworn to before me this 16th day of June 19 81

My Commission expires:

Notary Public
Lea County, New Mexico