

FEB 18 1980
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLI 2*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

LC 029387D

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Kenwood ~~Federal~~

9. WELL NO.

6

10. FIELD AND POOL OR WILDCAT

Shugart-Grayburg

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

30-18S-31E

12. COUNTY OR
PARISH

Eddy

13. STATE

New Mexico

1a. TYPE OF WELL:

OIL
WELL ☒GAS
WELL ☐DRY ☐Other ☐

b. TYPE OF COMPLETION:

NEW
WELL ☐WORK
OVER ☐DEEP-
EN ☐PLUG
BACK ☐DIFF.
RESVR. ☐

2. NAME OF OPERATOR

R. Q. Silverthorne ✓

3. ADDRESS OF OPERATOR

P.O. Box 385, Artesia, New Mexico 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1100'/S 1100'/W 30-18S-31, Eddy County

At top prod. interval reported below New Mexico

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED

12-26-79

16. DATE T.D. REACHED

12-30-79

17. DATE COMPL. (Ready to prod.)

2-10-80

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3567 Gr.

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

2700

21. PLUG, BACK T.D., MD & TVD

2568

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

0-2700

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

2386 - 2574

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray Nuetron, Cement Bond, Temperature

27. WAS WELL CORED

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	20	808'	11"	225 Sacks	None
5 1/2	14	2700'	7"	350 Sacks	None
2 3/8"		2568'			

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

One shot each: 2386, 88, 90, 92, 94, 96,
98, 2400, 16, 18, 20, 24, 26, 28, 30, 32,
74, 76, 78, 80, 86, 90, 2504, 08, 52, 54,
56, 60, 62, 68, 72, & 74

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2386 - 2574	40,000 lbs. 20/40 Sand
	40,000 gal. Gel Water
	1,200 gal. 15% Acid

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
2-10-80		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS OIL RATIO	
2-11-80	24		→	40		20		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
	25	→	40		20	32		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Phillips Petroleum Company

TEST WITNESSED BY

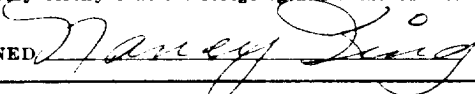
Garel Westall

35. LIST OF ATTACHMENTS

Gamma Ray Nuetron, Cement Bond & Temperature logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED



TITLE

Agent

DATE

2-13-80

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

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: "Stacks 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 POROSITY ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORREL INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP		DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH			MEAS. DEPTH	TRUE VERT. DEPTH
Red rock	0	558				
Anhyd & Salt	558	1730				
Anhydrite	1730	1760				
Anhyd & gyp	1760	2250				
Anhydrite & lime	2250	2700				
				Anhydrite	475	
				Top salt	675	
				Base salt	1625	
				Yates	2385	

38.

GEOLOGIC MARKERS



DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

KENNETT D. REYNOLDS - ARTESIA
LESLIE K. EVERTSON - ROSWELL

P. O. Box 2055 ROSWELL, NEW MEXICO 88201

TELEPHONES: ARTESIA 505/746-6757

ROSWELL 505/623-5070

December 27, 1979

RECEIVED

FEB 13 1980

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

R.Q. Silverthorne
P.O. Drawer 10
Plainview, Texas 79702

Re: Kenwood #6

Gentlemen:

The following is a Deviation Survey of the above well located in Eddy County, New Mexico.

473' - 1/4°
822' - 1/2°
917' - 3/4°
1325' - 3/4°

1650' - 1°
2372' - 1°
2900' - 1°

Yours very truly,

WEK DRILLING CO., INC.

Arnold Hawkins

Arnold Hawkins

STATE OF NEW MEXICO)

COUNTY OF CHAVES)

The foregoing was acknowledged before me on the 31st day of December, 1979 by Arnold Hawkins.

My Commission Expires:

4/28/80

Lena Beth Stevenson
Notary Public