

DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

(See instructions on reverse side)

Budget Bureau No. 42-R355.5.

Copy to SF

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

NM 12129

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Heard ¹⁴ A

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Square Lake

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

27-16S-30E

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. ☐

Other ☐

2. NAME OF OPERATOR

Herman J. Ledbetter

3. ADDRESS OF OPERATOR

1002 Sayles Boulevard

Abilene, Texas

O.C.C. ARTERIA, OFFICE

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

At surface 2310 FNL & 1980 FEL Section 27-16S-30E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED

12-27-75

16. DATE T.D. REACHED

12-31-75

17. DATE COMPL. (Ready to prod.)

1-14-76

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

G.L. 3770'

19. ELEV. CASINGHEAD

3770'

20. TOTAL DEPTH, MD & TVD

3200'

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

3189'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-3200'

CABLE TOOLS

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

Grayburg-San Andres 2934-3126'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray - Sidewall Neutron

27. WAS WELL CORED

No

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"	28	486	11"	100 sacks	None
4 1/2"	10.5	3200	7 7/8"	100 sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	2994'	None

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

2934-40', 2979-86', 2991-94', 3011-16', 3117-26' with 2 jet shots per foot.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2934-40'	20,000 gal.gelled wtr.-20,000#sand
2979-3016'	40,000 gal.gelled wtr.-40,000#sand
3117-26'	9,000 gal.gelled wtr.-3,500#sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
1-14-76		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-15-76	24		→	27	5	20	185
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	27	5	20	36	

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

Fuel and vented

35. LIST OF ATTACHMENTS

TEST WITNESSED BY

Robert Griffin

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

SIGNED

Herman J. Ledbetter

TITLE

Operator

DATE

1-21-76

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

RECEIVED

JAN 26 1976

GEOLOGICAL SURVEY
U.S. ARTERIA, NEW MEXICO

posted 1-30-76

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.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Red Queen Sand	2284	2304	Sand, salt water	Salt	505	505
Metex Sand	2934	2940	Sand, oil	San Andres	3018	
Premier Sand	2979	3016	Sand, oil			
Lovington Sand	3117	3126	Sand, oil			

RECEIVED
JAN 26 1976
U. S. GEOLOGICAL SURVEY
ALBUQUERQUE, NEW MEXICO

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

WEK DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 2055 ROSWELL, NEW MEXICO 89201
TELEPHONES: ARTESIA 746-6757
ROSWELL 623-5070

January 6, 1976

Herman J. Ledbetter
1002 Sayles
Abilene, Texas 79602

Re: ~~Heard #1~~ 3 - Heard "A"

Gentlemen:

The following is a Deviation Survey of the above well:

500' - $\frac{1}{4}$
1000' - $\frac{1}{2}$
1482' - $\frac{3}{4}$
2079' - $\frac{3}{4}$
2577' - $\frac{3}{4}$
3070' - 1
3200' - 1

Yours very truly,

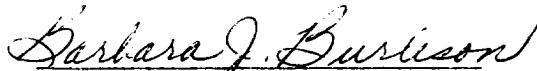
WEK DRILLING CO., INC.



Kenneth D. Reynolds

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 7th
day of Jan., 1976 by Kenneth D. Reynolds.


Notary Public

My Commission Expires:

5-16-79

RECORDED

U. S. DEPARTMENT OF THE INTERIOR
ARTESIA, NEW MEXICO