N.M.O.C.D. COPY

C-5L

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

RECEIVED
OCT 4 1979
O. C. C.
ARTESIA, OFFICE

5. LEASE DESIGNATION AND SERIAL NO: LC-029020 (g)
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: -
7. UNIT AGREEMENT NAME: Grayburg Jackson U
8. FARM OR LEASE NAME: Tract 4
9. WELL NO.: 2
10. FIELD AND POOL, OR WILDCAT: Grayburg Jackson Q-SA
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: 22-17S-30E, NMPM

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other
b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR: General Operating Company
3. ADDRESS OF OPERATOR: Suite 1007 Ridglea Bank Bldg., Fort Worth, Texas 76116
4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 1980' FSL and 1980' FEL
At top prod. interval reported below: Same
At total depth: Same

RECEIVED
OCT 3 1979
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

14. PERMIT NO. — DATE ISSUED 7/17/79
12. COUNTY OR PARISH: Eddy
13. STATE: New Mexico

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
8/23/79	8/27/79	9/6/79	3649' GR, 3661' RKB	3650'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
3150'	3132'	None	→	0-3150'	None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 3025'-69' RKB Grayburg (Premier) Sand

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Welex GR-Caliper-Sidewall Neutron and Acoustic Cement Bond

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" OD	20	453' RKB	11"	250 sacks *	None
4 1/2" OD	10.5	3142' RKB	7 7/8"	850 sacks *	None

* See reverse side for details of cementing record

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8" OD	3083'	None

31. PERFORATION RECORD (*Interval, size and number*)
3025'-28' w/ 7 holes
3038'-40' w/ 5 holes
3065'-69' w/ 9 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3025'-69' overall	1000 gals. 15% acid
3025'-69' overall	40000 gals. gelled 2% KCl water
	41000 # 20-40 sd.
	7500 # 10-20 sd.

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
9/6/79	9/6 to 9/21/79 flowing, 9/21/79 on pump	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9/25/79	24	None		100	TSTM	43 (est.)	TSTM

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
Pumping	20 psi		100	TSTM	43 (est.)	36

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Used for fuel
TEST WITNESSED BY: Herb Spencer

35. LIST OF ATTACHMENTS: WEK Drilling Company, Inc. Deviation Survey, Welex GR-SNP-Caliper, Welex Acoustic CBL

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

SIGNED C. W. Stumhoffer TITLE Partner DATE 9/27/79

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

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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.)

Item 28: Casing Record - Cementing

Surface Casing: Cemented w/ 150 sks Halliburton Lite w/ 10# Gilsonite, 1/4# Flocele, 2% CaCl followed w/ 100 sks. Class C w/ 2% CaCl cement circulated.

Production Casing: Cemented in two stages. First stage thru float shoe @ 3142' RKB w/ 150 sks. Class C **(cont. below)

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.
Seven Rivers	1948'	1972'	Possible oil and gas
Grayburg Premier Sand	3025'	3070'	Possible oil and gas - Premier sand (Zone 6)

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Top Salt	465'	
Base Salt	1169'	
Queen - Red Sand	2302'	
Grayburg	2734'	
San Andres	3115'	

Item 28 (continued)

** 50/50 pozmix w/ 2% Gel and 6# salt/sk. Second stage thru DV stage tool @ 2861' RKB w/ 100 sks. Thix-set, 500 sks. Cla[illegible] w/ 6# salt/sk. and 100 sks. Thix-set to place cement across and above water flow zone @ 2785'

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

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

P. O. Box 2055 ROSWELL, NEW MEXICO 88201
TELEPHONES: ARTESIA 505/746-6757
ROSWELL 505/623-5070

August 30, 1979

General Operating Company
Box 877
Wichita Falls, Texas 76307

Re: Grayburg Jackson Unit Tract 4 #

Gentlemen:

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

460' - 1/4°	1926' - 3/4°
933' - 1/2°	2403' - 1°
1405' - 1/2°	2874' - 1°
1575' - 1/2°	3150' - 1 1/4° T.D.

Yours very truly,

WEK DRILLING CO., INC.

Arnold Newkirk

STATE OF NEW MEXICO)
)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 30th day of August, 1979 by Arnold Newkirk.

My Commission Expires:

April 9, 1980

Notary Public