

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 *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM 23006	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -	
2. NAME OF OPERATOR General Operating Company		7. UNIT AGREEMENT NAME -	
3. ADDRESS OF OPERATOR 711 Commerce Building, Fort Worth, Texas 76102		8. FARM OR LEASE NAME WATKINS Federal <i>Cal</i>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL and 2310' FEL Section 31-T18S-R32E At top prod. interval reported below Same At total depth Same		9. WELL NO. 1	
14. PERMIT NO. -		DATE ISSUED 9-23-75	
15. DATE SPUNDED 9-19-75		16. DATE T.D. REACHED 9-26-75	
17. DATE COMPL. (Ready to prod.) 11-19-75		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3670' GR 3680' RKB	
19. ELEV. CASINGHEAD 3678'		12. COUNTY OR PARISH Lea	
20. TOTAL DEPTH, MD & TVD 4265' RKB		13. STATE New Mexico	
21. PLUG BACK T.D., MD & TVD 4260' RKB		10. FIELD AND POOL, OR WILDCAT Watkins Grayburg	
22. IF MULTIPLE COMPL., HOW MANY* -		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 31-T18S-R32E, NMPM	
23. INTERVALS DRILLED BY → 0-4265'		12. COUNTY OR PARISH Lea	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4240'-42' RKB, Grayburg - Compensated Density Log		13. STATE New Mexico	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Welex GR-Compensated Density-Foxo-Guard	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
29. LINER RECORD		30. TUBING RECORD	
31. PERFORATION RECORD (Interval, size and number) 4236'-50' w/15-0.40" holes (Squeezed) 4240'-42' w/4 sand drill notches		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
33.* PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel	
35. LIST OF ATTACHMENTS Deviation Survey, WEK Drilling Company, Inc. and Welex GR-Compensated Density-Foxo-Guard		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records Logs - to be furnished when released.	

SIGNED C. W. Stumhoffer TITLE Partner DATE 1-16-76

*(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: "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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Queen Sand	3626'	3664'	Oil and water.	Base Salt	2538'	
Grayburg Sand	4067'	4074'	Water.	Queen	3626'	
Grayburg Sand	4236'	4250'	Oil and water.	Grayburg	3984'	
			All measurements RKB from Compensated Density Log.			

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 746-6757
ROSWELL 623-5070

Sept. 29, 1975

General Operating Co.
Box 877
Wichita Falls, Texas 76307

Re: CST Federal #1

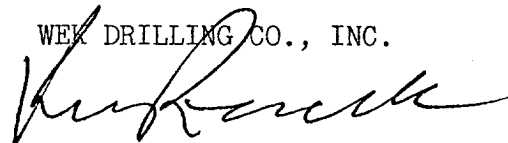
Gentlemen:

The following is a Deviation Survey of the above well:

500' - $\frac{1}{4}$
998' - $\frac{1}{2}$
1497' - $\frac{3}{4}$
1950' - $1\frac{1}{4}$
2150' - $1\frac{3}{4}$
2645' - $1\frac{3}{4}$
2996' - 2
3492' - $2\frac{1}{4}$
4265' - $2\frac{1}{4}$

Yours very truly,

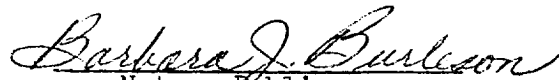
WEK DRILLING CO., INC.



Kenneth D. Reynolds

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 29th
day of Sept., 1975 by Kenneth D. Reynolds.


Notary Public

My Commission Expires:

5-16-79