

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

MINOR CONS. (S. her in- attachment) (S. her in- reverse side)

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

45F

LEASE DESIGNATION AND SERIAL NO.

LC-047633-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Sibyl Federal

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Power Grayburg San Andres

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

Sec 1, T18S, R30E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other RECEIVED

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other SEP 13 10 40 AM '83

2. NAME OF OPERATOR
THE EASTLAND OIL COMPANY ✓

3. ADDRESS OF OPERATOR
P. O. Drawer 3488, Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1980' FNL & 1980' FEL (Unit "G")

At top prod. interval reported below

At total depth

Same

14. PERMIT NO. DATE ISSUED
7-29-83

RECEIVED BY
SEP 19 1983
O. C. D. Ut. G
ARTESIA, OFFICE

15. DATE SPUDDED 8-7-83 16. DATE T.D. REACHED 8-14-83 17. DATE COMPL. (Ready to prod.) 9-1-83 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3560' GL, 3571' KB 19. ELEV. CASINGHEAD 3558'

20. TOTAL DEPTH, MD & TVD 3700' 21. PLUG, BACK T.D., MD & TVD 3406' 22. IF MULTIPLE COMPL., HOW MANY* NO 23. INTERVALS DRILLED BY → 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3304' - 3374' Grayburg Sand 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray, Dual Laterolog, Neutron, Density 27. WAS WELL CORED YES

25. 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	23	692	12 1/4	350 sx Class C, 2% CaCl ₂ (Circ. 50 sx)	NONE
4 1/2	11.6	3698'	7 7/8	1050 sx Howco Lite 350 sx 50-50 poz (circulated)	NONE

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NONE					2 3/8" EUE	3394'	NONE

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	HOLES	DETAILS
3432-3439	1	jspf 0.42"-8 holes squeezed w/100 sx cement
3364-3374	1	jspf 0.42"-6 holes
3304-3308	1	jspf 0.42"-3 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3432-3439	10,000 gals. gelled wtr, 11,000# sand
3432-3439	100 sx Class C cement
3364-3374	1000 gals. 15% HCL acid
3304-3308	10,000 gals. gelled wtr, 11,000# sand

33.* PRODUCTION

DATE FIRST PRODUCTION 9-1-83 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - Insert 2" x 1 1/2" x 10' WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 9-4-83 HOURS TESTED 24 CHOKE SIZE 11-42" SPM PROD'N. FOR TEST PERIOD → OIL—BBL. 25 GAS—MCF. 24 WATER—BBL. 75 GAS-OIL RATIO 960

FLOW. TUBING PRESS. --- CASING PRESSURE 330 CALCULATED 24-HOUR RATE → OIL—BBL. 25 GAS—MCF. 24 WATER—BBL. 75 OIL GRAVITY-API (CORR.) 35.8

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold TEST WITNESSED BY Jon Smith

35. LIST OF ATTACHMENTS Deviation Surveys, Electric Logs.

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

SIGNED *George D. Neal* TITLE Vice President - Production ROSWELL, NEW MEXICO DATE 9-12-83

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

11/15/83

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.												
Grayburg	3432	3439	Sand - Swabbed Water												
Grayburg	3304	3374	Sand - Produced Oil and Water												
Lovington Sand (Queen)	3120	3148	Produced Water (20 BPH)												
Retainer set @ 3408'. Squeezed perfs. from 3432 to 3439 w/100 sx Class C. Reversed out @ 3406'. Sidewall cores taken at 3366', 3368', 3370', 3432', 3436', 3440', 3192', 3194', 3196', 3308', (not analyzed)															
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DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

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

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

August 18, 1983

RECEIVED BY
SEP 13 1983
O. C. D.
ARTESIA, OFFICE

The Eastland Oil Company ✓
P.O. Drawer 3488
Midland, Texas 79702
ATTN: George Neal

Re: Sibyl Federal #3

Gentlemen:

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

487' - 1/4°
978' - 1/4°
1473' - 1/2°
1966' - 1/2°

2366' - 3/4°
2862' - 3/4°
3228' - 1/2°
3700' - 1/2° T.D.

Yours very truly,

WEK DRILLING CO., INC.

Arnold Newkirk
Arnold Newkirk

STATE OF NEW MEXICO)
)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 18th day of August, 1983 by Arnold Newkirk.

My Commission Expires:
April 10, 1984

Glenda Bea Newton
Notary Public