Form 3160-4 (October 1990)

UNITEP STATES DEPARTMENT CATHE INTERIOR

SUBMIT IN DUPLIC/

FORM APPROVED

| | | BUI | | OFLAND | | | | | structi | ther in- ions on e side) | | E DESIGNU 9426-B | TION AN | D SERIAL NO. | | |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------------|-----------------------------|-------------------------------|-------------------------------------------|-----------------------------------------------------|------------------------|------------------------------------------|-------------|----------------------------------|---------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------|---------------------------------------------|-------------|--|
| <u></u> | WE | LL COMPLETIC | N OR I | RECOMPLE | TION RE | PORT AN | II) LOG* | | | | 6. IF I | NDIAN, AI | LOTTEE | OR TRIBE NAME | | |
| la TYPE OF WEL | GAS WELL | | DRY | Othe | | l | | • | AGREEMED | T NAME | | | | | | |
| b TYPE OF COM | PLET | | | PLUG | | | | | AH 5 | Ű. | NA | - 63 | | | | |
| NEW WELL NAME OF OPE | , ž | DIFF RESVR Other | | | | 9. FARM OR LEASE NAME, WELL NO. H. E. West "B" #87 | | | | | | | | | | |
| 2 NAME OF OFF | CKAI | DEVON EN | ERGY | OPERATI | NG COR | PORATI | (C)N | a ^t i., | F | | | WELL NO. | | - | | |
| 3. ADDRESS AND TELEPHONE NO. | | | | | | | | | | | | -28468 | <u>.</u> | ٠ | | |
| 20 N. BROADWAY, SUITE 1500, OKC, OK 73102-8260 (405) 235-3611 | | | | | | | | | | | 10. FIELD AND POOL, OR WILDCAT Grayburg Jackson (QN, SR, GB, SA) | | | | | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1310' FSL & 1308' FWL, Unit M | | | | | | | | | | | 11.SEC., T., R., M., OR BLOCK AND SURVEY OR AREA | | | | | |
| | | | | | | | | | | | Sec. 4-17S-31E | | | | | |
| At top prod. inter | val rep | ported below (SA | AME) | | | | | | | | Sec. 4 | 1/3-31E | | | | |
| At total depth (| SAMI | Ξ) | | | | | | | | | | | | | | |
| | | | | 14.P | ERMIT NO. | · | DATE ISSUED | | | | 12.COUNTY OR PARISH 13.STATE Eddy County, New Mexico | | | | | |
| 15.DATE SPUDDED 10/18/95 | | ATE T.D.REACHED | ATE COMPL. (Ready to prod.) | | | 18. ELEVATIONS (DF, RKB, RT, GR, 3904' GR | | | | ETC.)* 19.ELEV. CASINGHEAD 3904' | | | | | | |
| 20.TOTAL DEPTH, M 4345' | ETV | 21.PLUG, BAC 4298' | ж т.D., | MD & TVD | 22.IF MU | LTIPLE CO | MPL., HOW MA | NY. | REC | | | I D | TOOLS | CABLE TOOLS | | |
| 24.PRODUCING INTER Lower Jackson & S | | | | | | | 21. Craybur | 312 <i>(</i> | 0, 3405, | | | 19.00 | 25. WA | S DIRECTIONAL SUR | VEY | |
| | | | Sali Ai | | e Jackson . | 3404 -360. | | rg 5120 | 0-3405 | 3 _ (| i 1996 | | Yes | | | |
| DLL/MSFL; LD/ | | | | | | | | Ĉ | DIL C | 0 | N. E | 27. WA | S WELL C | CORED | | |
| 28. | л е Т | the Tourn | / E-m | | | | port all string | gs set i | in well) | M@J | · 70 | | | | | |
| CASING SIZE/GRADE WEIGHT, LB./FT. 8 5/8" J-55 24 | | | | DEPTH SET (MD) 545' 12 1/4' | | | | | | | | | | AMOUNT PULLED | | |
| 0-33 | 0-33 24 | | 343 | | 12 1/4 | 1/4 | | Surf, 250 sx PSL "C" | | , .C. + 2 | C" + 200 sx None | | | | | |
| 5 1/2" J-55 | " J-55 15.50 | | | 4344' | | 7 7/8" | | | | | Z"C" + 400 sx None | | | | | |
| | | | | | | | | | Class "H | [" | | | 1 | | | |
| 29. SIZE | | 505 (id) | | INER RECO | | | | | 30. | | | TUBING | | | | |
| SIZE | | TOP (MD) | вот | IOM (MD) | SACKS | CEMENT* | SCREEN | (MD) | | IZE | | EPTH SET | (MD) | PACKER SET (M | D) | |
| | | • | | • | | | | | 2 7/8" | | 414 | <i>יי</i> | | None | | |
| 31. PERFORATION RE | CORD | (Interval, size and num | ber) | | l | | T | - | | | | ··· | | <u> </u> | | |
| I I P | CT | 1-4 20 401 40001 | 631 46 | M91 .1 X | | | 32. | TFRUAT | | OT, FI | | | | SQUEEZE, ETC. | | |
| Lower Jackson & Slaughter 3848'-4089' (2140'' holes) San Andres - Middle Jackson 3464'-3802' (2140'' holes) | | | | | | | | DEPTH INTERVAL (MD) 3848'-4089' Acidize | | | | AMOUNT AND KIND OF MATERIAL USED ed w/4000 gals 15% HCl acid. Frac'd w/22,375 | | | | |
| Grayburg 3120'-3 | | | | | Spectra Frac + 68,000# 16/30 Brady sand + | | | | | | | | | | | |
| | | | | | | | | | | | | 00# 16/30 SLC RC sand. | | | | |
| | | | | | | | 3464'-3802 | 2' | | Acidize | d w/6000 | gals 15% | 6 HCl a | cid. Frac'd w/29,50 | 00 | |
| 33.* | | | | | | PROD | UCTION | | | | | | | | | |
| DATE FIRST PRODUCT | | Pumping Pumping | | 2 1/2" x 2" | x 16' RST | Сритр | | | | | | | sh | ELL STATUS (Producin uut-in) roducing | g or | |
| 2/13/95 | 24 | | S TESTED CHOKE SIZE N/A | | PROD'N FOR TEST PERIOD | | OIL-BBL. | | GAS-MCF. | | WATER-BBL. 225 | | GAS-OIL RATION/A | 5 | | |
| FLOW. TUBING PRESS | | CASING PRESSURE | | CALCULATED 2 RATE | 4-HOUR | 01L-BBL. 49 | | GAS-1 | MCF. | | WATER-BI | BL. | | GRAVITY-API (CORR | .) | |
| 34. DISPOSITION OF | | (Cald read for feel nor | 444 441 | | →] | All the second light of the second light of | कि प्रतिकार ग | Ľ. | | | | | 37 | | | |
| | | Sota, usea for fuet, ver | | | | | | | Richard | | | | | | | |
| 5. LIST OF ATTACH Deviation Survey & | Logs | | | | | ara | | | | | | | | | | |
| 6. I hereby cert | ify ti | hat the foregoin | g and at | tached infor | mation is | complete | ard correct | as det | ermined fro | en all | available | records | | | | |
| SIGNED 🕇 | ал | er B | zer | <u> </u> | т. | | REN BYERS GINEERING | | INICIAN | DA | TE | 2/9 | 6 | | | |

Deviation surveys taken on Devon Energy Operating Corporation's West "B" #87 well in Eddy County, New Mexico:

| Depth | Degree |
|-------|--------|
| 258 | 2.75 |
| 509 | 2.50 |
| 887 | 1.50 |
| 1360 | 1.75 |
| 1823 | 3.25 |
| 2100 | 3.00 |
| 2597 | 2.75 |
| 3062 | 1.75 |
| 3555 | 1.00 |
| 4055 | 1.25 |
| 4304 | 2.00 |

I hereby certify that I have personal knowledge of the facts placed on this sheet and that such information given above is true and complete.

Norton Drilling Company

Before me, the undersigned authority, on this day personally appeared John W. Norton, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is the drilling contractor of the well identified in this instrument and that such well was not intentionally deviated from the vertical whatsoever.

John W. Norton

SWORN AND SUBSCRIBED TO before me this 7th day of November 1995.

PAT FARRELL
Notary Public, State of Texas
My Commission Expires 4-9-96

Notary Public in and for Lubbock County, Texas