

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.  
5. LEASE DESIGNATION AND SERIAL NO.

NM 0560408

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Aztec ~~East~~ "14" *Lea*

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Lea (Devonian)

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

Sec. 14, T-20-S, R-34-E

12. COUNTY OR PARISH 13. STATE

Lea

New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS  
(Do not use this form for proposals to drill or to deepen a well back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Southwestern Natural Gas, Inc.

3. ADDRESS OF OPERATOR

900 Building of the Southwest, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1980' FSL &amp; 1830' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3648 GL

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Perforating &amp; Testing

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

1. (3-25-69) Ran 50 jts 7" 29# ST&C, 91 jts 26# ST&C, 104 jts 23# ST&C, 26 jts 26# ST&C & 22 jts, 7" 29# LT&C - Total 14,410' set @ 14,389'. Total jts 313 - Float collar @ 14,331', Hal DV tool @ 12,314' - Circulated 3 hours - Cemented 1st stage w/750 sx Class H with 2# salt per sack - 1 1/2% CFR-2, 2/10% ER-7 - opened DV tool - Circulated 3 hours thru DV tool @ 12,314'. Cemented 2nd stage w/700 sx class C 4% gel, 5/10% CFR-2 woc 24 hours. Pressure test 7" casing 2000# for 90 mins. - O.K. Drilled to 14,496'
2. (4-1-69) Ran 424' = 5" hydril 18# C-75 liner set @ 14,496'; top 14,072' - Cemented w/50 sx C1 H cement 1 1/2% CR-2 2# salt PD 9:00 P.M. 3-31-69 WOC 24 hrs.
3. (4-8-69) Perforated 8 holes: 14,491, 488, 487, 486, 467, 465, 464, 462.
4. (4-10-69) Acidized w/1500, 15% N.E. DS-30. Spotted over perms - broke down @ 5600#. Max press 8100#; Avg. 7200# AIR 2 BPM. ISDP 6600# FSIP - in 5 mins - 6200#
5. (4-12-69) Re-acidized with 5000 gals. 20% Reactrol acid.
6. (4-17-69) Ran bit, drill collars, and tubing and drilled deeper to 14,546'.
7. (4-19-69) Swabbed and tested open hole 14,496' to 14,546', recovered 100% formation water.
8. (4-22-69) Set Baker Model "K" cement retainer at 14,492'.
9. (4-22-69) Set Otis "WA" Packer with knockout plug at 14,000' and Otis Permatrieve Packer at 12,800'.
10. (4-24-69) Perforated Bend zone selectively with 22 shots from 12,987' to 13,263'.
11. (4-25-69) Acidized with 3000 gals. 15% Mud acid. Swabbed and tested.
12. (5-20-69) Milled up Permatrieve Packer and pushed to 13,265'.
13. Set Baker Model "K" cement retainer at 13,100'.

18. I hereby certify that the foregoing is true and correct

SIGNED

*John T. Bennett*

TITLE

Operations Manager

DATE 6-17-69

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

ACCEPTED FOR RECORD  
*RMB*  
District Engineer

\*See Instructions on Reverse Side

JUN 18 1969