

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)FORM APPROVED
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

NM026332

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Northeast Square Lake
Premier Unit

9. WELL NO.

16

10. FIELD AND POOL, OR WILDCAT
Square Lake Grayburg

S. A. North

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

9, 16-S, 31-E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

14. PERMIT NO.

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

4112 RT

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) Perforate Additional Pay

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.) *

See Attached

RECEIVED

DEC 15 1969

U. S. G.
DISTRICT OFFICE

RECEIVED

NOV 28 1969

U. S. GEOLOGICAL SURVEY
ARTIFICIA, NEW MEXICO

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

SIGNED

C. M. Mills

TITLE Authorized Agent

DATE 11-25-69

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

ACCEPTED FOR RECORD PURPOSES

DEC 1 - 1969
Date

ACTING

District Engineer

*See Instructions on Reverse Side

DAILY DRILLING REPORT

NORTHEAST SQUARE LAKE UNIT #16

NORTHEAST SQUARE LAKE UNIT #16, North Square Lake Fld, Eddy Co, NM. OBJECTIVE:
Perf additional pay.

7/11/69 3606 TD.

MIRU DA&S Well Serv DD unit, POH w/ rods pump & 2-1/16 tbg, ran 3½ csg scraper to 3587. SD for nite. Prep to spot acid & perf.

7/12

Cardinal Chemical Co spotted 200 gals 15% NE acid, POH, Schl perf 3½ csg in the Premier @ 3538-40; 3554-62; & 3567-71 w/ 1 JSPF, Cardinal Surveys ran base temp log, then Cardinal Chem Co SOF perfs down 3½ csg w/ 15,000 gals lease oil + .15,000# 20/40 Ottawa sd w/ 25 gals/1000 gals Adomite Mark II in 3 stages of 5000 gals - 1st stage 5000 gals TCP 3700-3800, rate 37.1 BPM, ISIP 1800, 5 min 1000#, Cardinal ran Temp log, then frac 2nd stage - 5000 gals + 5000# sd + 300# rock salt, TCP 3400-3600, rate 32.5 BPM, ISIP 1500, 5 min 900, Cardinal ran Temp log then frac 3rd stage - 5000 gals + 5000# sd, TCP 3400, rate 35 BPM, ISIP 1050, 15 min SIP 700, Cardinal ran Temp log, indicated all perfs treated, job compl @ 4:30 p.m. 7/11/69. SI. - 485 BLO + 5 BAW.

7/14

SI 14 hrs, CP 200, Fl 58 BLO + 2 BAW/9½ hrs, CP 200-0, SI 13 hrs, CP - vac, ran SP, CO sd 3549-71/5 hrs, ran tbg to 3565, sw 3 BAW + 11 BW/3 hrs, 1100' FIH. SD for nite. - 427 BLO to rec.

NORTHEAST SQUARE LAKE UNIT #16, 3606 TD.

7/15

Note: Correction on fluid flowed back on 7/14/69 rpt - FL 25 BLO + 35 BW. POH w/ tbg, ran SP, CO 3567-71/2 hrs, ran 2-1/16 tbg, orange peeled to 3533, T. perfs 3502-04, SN @ 3501, ran pump & rods, hung well on pump, RD & Rel DA&S Well Serv Co unit @ 7:30 p.m. 7/14/69, rel to Prod. - 460 BLO to rec.

7/16 to

11/3 Pumping load oil.

11/8

Pumped 14 BNO and 1470 BSW/7 days. TA 11/9/69.
Before NO: Pumped 3 bbls oil and 0 SW.

Final Report

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NOV 28 1969

U. S. GEOLOGICAL SURVEY
ARLINGTON, VIRGINIA