

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPL
(Other instructions
reverse side)TE*
re-Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 0514573

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Pecos Federal Gas Com

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Avalon Strawn Gas

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

32-20S-27E

12. COUNTY OR PARISH 13. STATE

Eddy

NM

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.)

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Atlantic Richfield Company

3. ADDRESS OF OPERATOR

P. O. Box 1710, Hobbs, New Mexico 88240

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

660' FEL & 1980' FSL (Unit Letter I)

RECEIVED
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

14. PERMIT NO.

DEC 6 1977

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

3213.7' GR

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

O. C. C. ARTESIA, OFFICE 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)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

DST, Run Prod. Csg. Cmt. log perf X & treat

(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.)*

Drld to 8379' @ 11:30 AM 10/7/77. DST #1- Wolfcamp 8299-8379'. TO @ 9 AM 10/8/77 for 15 min. IFP, weak blow, incr to fair blow in 2 mins. Closed tool @ 9:15 AM for 1 hr. ISIP GTS in 10 mins. after tool closed. TO @ 10:15 AM for 2 hr. FFP. Max. flow rate 297 MCFPD, decr to 204 MCFPD. Tool closed @ 12:15 PM 10-8-77 for 4 hr. FSIP. RO 31 bbls gas cut mud & wtr, 3 bbls cond. Gvty 45.8° @ 60°. IHP 4277, IFP 416, ISIP 3936, FFP starting 323 - ending 739, FSIP 3709, FHP 4277, Temp 138° F, resumed drlg 3:30 AM 10/9/77. Drilled to 10,740' @ 12:00 noon 10/27/77.

DST #2 - Morrow gas 10,666-740'. TO @ 5:45 AM 10/28/77 for 15 min. IFP w/weak blow, incr to good blow in 15 mins, no GTS. Closed tool for 1 hr. ISI, re-opened tool @ 7:00 AM for 1 hr FP w/good blow, no GTS. Closed tool @ 8:00 AM 10/28/77, for 2 hr SI, R.O 1400' mud & wtr. IHMP 6057, IFP 152-326, ISIP 4477, FFP 435-739, FSIP 4453, FHMP 5947. Temp 167° F. resumed drlg @ 7:30 PM 10/28/77. Finished drlg to 11,010' TD @ 12:00 Noon 11/2/77. Ran CN & DL w/caliper, DLL w/RXO logs. Run straddle pkr test tools. Set top pkr @ 10,426' & btm @ 10,668'.

DST #3 - 10,426-10,668' Morrow gas. TO @ 6:00 AM for 30 mins. preflow w/weak blow, incr to strong blow, no GTS. Closed tool @ 6:30 AM for 1 hr. SI. TO @ 7:30 AM for 1 hr. preflow period. TO w/weak blow, decr to 0. Closed tool for 1½ hrs SI. POH w/test tools, rec 1350' DM. IHMP 5846, IFP 92-347, ISI 4232, FFP 416-739, FSI 4277, FHM 5800. Temp 190° F.

(Over)

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

SIGNED

TITLE

Dist. Drlg. Supvr.

DATE

11-29-77

(This space for Federal or State office use)

APPROVED BY

TITLE

ACTING DISTRICT ENGINEER

DATE

DEC 5 - 1977

CONDITIONS OF APPROVAL, IF ANY:

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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.

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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

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DST #4 - 9640-9712'- Strawn Gas, TO @ 7:15 AM 11/5/77 for 3/4 hr preflow. TO w/strong blow, GTS in 3 mins. closed tool @ 8:00 A.M. 11/5/77 for 1 hr SI. TO @ 9:00 AM for 2 1/2 hr. flow period. Gas AR0 11.2 MMCF on 1/2" choke. FTP 1730#. Closed tool for 3 hr. SI. Rel pkr & POH w/test togls. IHM 5410, IFP 2665-3353. ISI 4085, IF 2573-3536, FSI 3902, FIM 5365. 75' condensate below circ sub. Temp. 190°F. Ran 5 1/2" OD csg as follows: (bottom to Top) Float shoe, 40' 5 1/2" OD 17# N-80 LT&C, float collar, 3019' 5 1/2" OD 17# N-80 LT&C, 2241' 5 1/2" OD 17# K-55 LT&C, 4350' 5 1/2" OD 15.5# K-55 LT&C, 1329' 5 1/2" OD 17# K-55 csg. 5 1/2" OD csg set @ 11,007' RKB. Cmtd 5 1/2" OD csg w/500 gals SAM-5 spacer, 1160 sx C1 H cmt cont'g 5/10 of 1% Halad 22, 3/10 of 1% CFR-2, 5# KCL/sk. PD w/1500# @ 6:05 AM 11/7/77. WOC 120 hrs. Pressure tested csg to 1000# for 30 mins. OK. Ran CBL-Corr log. Perf'd Strawn gas 9650-55' & 9706-08' = 2 JSPF 40 holes. RIH w/comp assy, Pkr set @ 9531', btm of 2-7/8" OD tbg @ 9553'. Swbd well & kicked off flwg. Flwd 1 hr on 21/64" choke GAR0 5675 MCFGPD, Cond. 120 BCPD, TP 2327#. on 4-pt test 11/29/77 Strawn gas perfs 9650-55' & 9706-08' indicated a CA0FP of 15.777 MMCFg. Shut In WOPLC. Final Report.