

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 Form 9-331-C for such proposals.)

1. oil ☒ gas ☐ other ☐
well well

2. NAME OF OPERATOR
Hicks Enco, Inc.

3. ADDRESS OF OPERATOR
P. O. box 174 - Farmington, N.M.

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) 550' from South line and 2100' from East line
AT SURFACE: line
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF

RECEIVED
JUN 18 1981
U.S. GEOLOGICAL SURVEY
FARMINGTON, N.M.

5. LEASE

NM 09979

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Southeast Cha Cha

8. FARM OR LEASE NAME

9. WELL NO.

37

10. FIELD OR WILDCAT NAME

Cha Cha Gallup

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

Sec. 15, T28N, R13W

12. COUNTY OR PARISH 13. STATE

San Juan

New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

6123' KB - 6109' ground

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

RECEIVED
JUL 9 1981
OIL CON. COM.
DIST. 2

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.)*

4/22/81 - Ran cement bond log over Gallup formation. Log shows poor bond 5763 to 5716 at above 5670. Squeeze cemented through perforations @ 5754 to 5764 with 100 sks of Class
4/23/81 - Drilled out 69' of cement. Drilled through at 5769. Re ran cement bond log at shows good bond up to 5670.
4/25/81 - Perforated 5814 -24 with 2 holes per foot. Ran tubing with packer and set at 5793. Acidized with 500 gal. 15% HCL. Swabbed acid back.
4/27/81 - Swabbed water with trace of oil.
4/29/81 - Fraced down 2 7/8 tubing under a packer. Pumped 7500 gal. pad and 5000 gal of 1# - 100 mesh and started getting a strong blow out the casing. Blew the well down and circulated hole clean with water.
4/30/81 - Pulled tubing. Ninth joint down on the tubing had a collar washed out.
5/1/81 - Ran packer and bridge plug combination. Set bridge plug at 650'. Tried to pressure test casing with bradenhead valve open. Circulated out bradenhead. Found casing lead between 400 and 410'.
Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft. (over

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

SIGNED W. H. Enco TITLE Eng. DATE 6/15/81

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

JUL 8 1981

NMOCC

FARMINGTON DISTRICT

BY

RS

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.

GPO : 1976 O - 214-149

5/2/81 - Cut off casing at 424' with mechanical cutter. 5/4/81 - Pulled 12½ joints of casing. Had two holes cut by sand in the 13th joint down. Ran new joint of casing with casing patch. Latched onto fish. Reinstalled well head equipment. Pressure tested to 3000 psi and held real good. Pulled bridge plug. 5/5/81 - Ran 2 7/8 tubing and hydrotested. Set packer at 5795'. 5/6/81 - Frac treated with 15,000# of 20/40 sand in 15,000 gal. 70 quality nitrogen form. Shut in two hours and blew well down. 5/7 thru 5/8/81 - Swab tested. Making 10-15% oil. Not making very much fluid. Less than 1 bbl per hour. 5/9/81 - Acidized with 100 gal. 7 1/2% HCL followed by 500 gal. 15% HF acid. 5/11/81 - Released packer and pulled tubing. Reset packer 600' from surface and pressure tested casing patch again. Held good. 5/12/81 - Set retrievable bridge plug at 5735. Pressure tested to 3000 psi. Perforated 5708 - 5712 2 holes per foot and acidized with 500 gal. 15% HCL. 5/13/81 - Swabbed. Making a lot of water with trace of oil and gas. Pulled retrievable bridge plug. Set cast iron bridge plug at 5690'. Dumped 4 sks cement on top of plug with wire line dump bailer. 5/14/81 - Pressure tested to 3000 psi. Perf 2 squeeze holes at 5483'. Squeezed with 50 sks class B. Final squeeze pressure 3000 psi. 5/15/81 - Drilled out 120' of cement. Drilled through at 5490'. Pressure tested to 3000 psi. Ran bond log and have good bond 5426 - 5546. Perforated 5492 - 5502 with 2 holes per foot. Acidized with 500 gal 15% HCL. 5/16/81 - Tried to do 70 quality foam frac but would not go. 5/19/81 - Acidized with 500 gal 15% HF acid. Frac treated with 25,000# of 10/20 sand in 30,500 gal. of 30# cross linked gel. 5/20/81 - Swab tested. 5/21/81 - Ran rods and pump. Presently testing well and will file completion report when production stabilizes.