

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

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 International Oil & Gas Corporation

3. ADDRESS OF OPERATOR 825 Petroleum Club Building
Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any state requirements.
See also space 17 below.)
At surface 350' FSL, 1480' FSL, Sec. 7, T.26N., R.7E., DIST. 3

14. PERMIT NO. _____

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
3175' Gr.

5. LEASE DESIGNATION AND SERIAL NO.
SE 079162

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME _____

8. FARM OR LEASE NAME
Federal Miles "D"

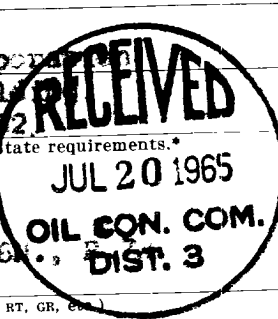
9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 7, T.26N., R.7E.

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico



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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETION ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐
REPAIR WELL ☐	CHANGE PLANS ☐
(Other) ☐	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☒	REPAIRING WELL ☐
FRACTURE TREATMENT ☒	ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
(Other) ☐	

(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.)*

Drill well to 6754' TD. Ran Lam-Wells IES & Cammaray-Densi log survey. Ran 106 jts 11.6# & 111 jts 10.5# 4 1/2" J-55 8rd csg overall msmt 6757.67' set 3 6754' RKB. Cmt 1st stage through csg shoe w/100 sx 40% Diacel "D" followed by 100 sx Class "C" neat cmt. Cmt 2nd stage through Baker two-stage tool 3 3289' RKB w/100 sx 40% Diacel "D" followed by 50 sx Class "C" neat cmt. POB 8:00pm 7-4-65. Rig released 3:00 pm 7-4-65. Pressure test csg w/4000 psi 7-7-65. Spot 300 gal MSA & perf 6608-22' w/2 JSPF. Break down perfs 2600 psi. Inject 2000# sd & 10000 gal wtr into interval 35 BPM & 2500 psi before sdg out. Flowed well back 15 min & unsuccessful attempt to reinject sd. Perf 5557-73', 5584-93', & reperf 6608-14'. Break down perf intervals 2600 psi pumping 3 20 BPM & 2400 psi. Treat perf intervals 3 rate of 30 BPM & 3100 psi prior to sdg out w/50000# sd in formation. Flowed back 10 min. Resume frac 3 rate of 25 BPM & 3000 psi. Perf intervals treated w/total 78000# sd, 85350 gal wtr treated w/2 1/2 FR-8/1000 gal. Flush frac w/5400 gal wtr. Max TP 4000#, min TP 3000 psi, avg TP 3200 psi, AIR 24.5 BPM, SMSIP 1800 psi. Set cast iron BP 3 3210'. Perf 3031-40', 3090-95', 3117-25' w/2JSPF. Break down perf intervals using 40000# 20/40 sd, 41500 gal treating wtr, 1030 gal break down wtr treated w/2 1/2 FR-8/1000 gal & 4 ball drops of 10 balls ea. Flush frac w/2600 gal wtr. 1st ball drop - no pressure inc; 2nd drop 2150 psi to 2600 psi; 3rd drop - 2400 psi to 2600 psi; 4th drop - 2600 psi to 3100 psi. BDP 1400 psi, max IP 3100 psi, min TP 2000 psi, ISIP 1300 psi, SMSIP 1200 psi, AIR - 35.8 BPM.

(Continued on attached sheet).

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

SIGNED W. F. Schwenn TITLE District Engineer DATE July 13, 1965
(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C. 20508

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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.

INTERNATIONAL OIL & GAS CORPORATION

825 PETROLEUM CLUB BUILDING • DENVER 2, COLORADO • TELEPHONE 292-0980

Summary Section and Report on Well

Federal Miles D-2, Rio Arriba County, New Mexico

17. Summary of Proposed or Completed Operations. (cont. next)

Clear well out to BP @ 3215'. Land log @ 3100'. Swab log 15 hrs. 1 run of 12 GPPH w/some gas & small show of gas. Jetted well w/gas to 2820'. Jetted & swabbed estd 320 bbls of wtr w/no significant decrease in rate of wtr recovery or increase in gas recovery. Wtr analysis indicates chloride content of frac wtr to be 300 ppm, & 15000 ppm for wtr recovered from swabbing & jetting.

Cut squeeze Chacra peris 3031-3125' w/150 sx class 'A' neat cnt. Max squeeze pressure 2600 psi, final squeeze pressure 1100 psi. MCC - 8 hrs. Grid cnt & cast iron BP @ 3210'. Well unloaded & making estd 2 MCF gas from Dakota peris.