

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE
(Other instructions on re-

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC-069052

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

HNG Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 2267, Midland, Texas 79702

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

940' FNL & 2310' FWL

14. PERMIT NO.

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

GR-3097'

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Elliott 31 Federal

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Dollarhide/Devonian

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

Sec. 31 T24S R38E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

16.

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

Casing Leak Survey

(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.) *

Cellar was dug out to expose casing head and valves. Riser was installed with a pressure gauge. Inspection was made by NMOCC Representative, Mr. Eddie Seay, 5-15-78.

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

SIGNED Dan C. Jones

TITLE Sr. Regulatory Clerk

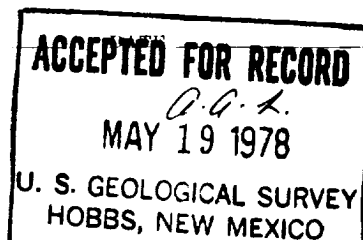
DATE 5/16/78

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

*See Instructions on Reverse Side



UNITED STATES **COPY TO O. G. C.**
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See also space 17 below.)
At surface

940' FNL & 2310' FWL Sec. 31

14. PERMIT NO.

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

3097' GR

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) ☐REPAIRING WELL ☒ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

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This well was not capable of production and was shut-in 8-1-77
with an average production rate at that time of .93/BOPD.

24 hour test dated 2-21-79
14 BOPD, 75 MCF, 18 BW

Remedial job to repair casing leak and re-perforate Devonian zone,
as per attached detailed account of work done.

RECEIVED

FEB 22 1979

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

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

SIGNED

Betty A. Gildan

Betty A. Gildan Regulatory Clerk

DATE 2-23-79

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

*See Instructions on Reverse Side

ACCEPTED FOR RECORD

MAR 1 1979

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

1000, NEW MEXICO
IN CONTACT AT BUREAU

THE UNIVERSITY OF CHICAGO

- 12-5-78 4 hrs. MI WSU; NU BOP; 6 hrs. work stuck pkr. loose and pull 24 stands and tbq. started running over; 14 hrs. SIFN; RU kill truck this a.m. to come.
- 12-6-78 1 hr. kill well; 3 hrs. finish TOH w/tbq. & pkr.; 3 hrs. TIH w/2-3/8" tbq. & BP; Set BP @ 7530'; 2-1/2 hrs. TOH w/tbq.; 14 hrs. SIFN; Prep to log this a.m.
- 12-7-78 6 hrs. RU DA; Run vertilog 1100' to 4460'; Tool stop @ 4460'; Tight place in csg.; 18 hrs. SIFN; Prep to run spl.
- 12-8-78 2 hrs. rep. WL tools; 5 hrs. RU DA spl 7546' to 3800' top of cmt.; 1 hr. WO tool; 3 hrs. PU & TIH w/Baker Model "R" double grip 2" by 5-1/2" on 2-3/8", 4.7#, J-55 tbq.; 13 hrs. SIFN; Prep to test csg.
- 12-9-78 1 hr. WSI; 2 hrs. PU 2-3/8" workstring & run to 5210'; 1 hr. set pkr & test csg. to 900#; OK; 1 hr. PU to 3253' & set pkr; 1 hr. set pkr & circ. hole w/30 BFW; 2 hrs. TOH w/tbq. & Baker double grip model "R"; 16 hrs. WSI.
- 12-10-78 2 hrs. thaw out BOP; 2 hrs. ND; Remove slips on 5-1/2" csg.; 3 hrs. lift pipe off slips & run free point; 2-1/2 hrs. RD loggers & NU for night; 14-1/2 hrs. WSIFN.
- 12-11-78 1-1/2 hrs. repad unit; 2-1/2 hrs. WO MD tools; 2-1/2 hrs. TIH w/mechanical cutter, 1 3-1/2" DC, 1 3-7/16" DC crossover back to 2-3/8"; RIH & set down @ 1428'; 1-1/2 hrs. TOH; 16 hrs. WSI.
- 12-12-78 2 hrs. TIH w/4-5/8" bit, 5-1/2" csg. scrapper, 2 DC's & change over to 2-3/8" tbq. to 5014'; 1 hr. circ. hole clean (scale); 1 hr. TOH w/bit & scraper; 2-1/2 hrs. TIH w/cutter to 3832'; 17-1/2 hrs. WSI; Prep to make cut on csg. today.
- 12-13-78 2 hrs. TIH to 4480' w/cutter & PU swivel; Make cut @ 4480'; 1-1/2 hrs. TOH w/cutter; 2-1/2 hrs. ND spear in 5-1/2" csg. lift over slips; Pipe free @ 71,000# & NU 5-1/2" BOP; 3-1/2 hrs. RU caser; Pull one stab. & 38 jts. or 1214'; 14-1/2 hrs. WSIFN.
- 12-14-78 2 hrs. pull 16 jts. of 5-1/2" csg.; 4 hrs. SO due to wind; 4 hrs. pull 5-1/2" csg.; Pull 131 jts. or 4140'; 14 hrs. SIFN.
- 12-15-78 2-1/2 hrs. WSI; 1 hr. pull 5-1/2" csg.; Cut in a collar; Last jt. was collapsed & split; 1 hr. WO vacuum truck; 1-1/2 hrs. ND 5" POP & NU 10" BOP; 3 hrs. PU 7-5/8" shoe and 7-3/8" wash pipe; Total of 125'; One set of Johnson Jars & 6 4-1/8" DC and 108 jts. of 2-3/8", 4.7#, J-55 tbq.; Depth of 3820'; Brought in 138 jts. of 5-1/2"; Pull 139 jts. & two pieces; Pull total pipe 4880.63'; 15 hrs. WSI.
- 12-16-78 1 hr. WSI; 3 hrs. finish TIH & wash over 5-1/2" csg. (tagged @ 4526'-bridge 2' & 4550'-10' & btmd. @ 4604'); Circ. hole clean; 3 hrs. TOH w/WP; 3 hrs. TIH w/cutter & spear & 2 3-1/2" DC's & jars; Plus 6 4-1/4" DC's; Attempted to make cut @ 4595'; 1/2 hr. pull into 8-5/8" csg.; 13-1/2 hrs. WSIFN.
- 12-17-78 1 hr. TOH & re-dress cutter; 2-1/2 hrs. TIH w/cutter, 2 3-1/2" DC's, 2 jts. 2-3/8" tbq., spear & spot sub, jars 6 4-1/4" DC's & 2-3/8" tbq. to 4598'; 1/2 hr. make cut w/power swivel; 3-1/2 hrs. TIH & ND and pull 5-1/2" csg.; Rec. 117 jts. of csg.; Btm of pipe looks good; 2 hrs. TIH to 3820' w/shoe, wash pipe, DC & jars; 15-1/2 hrs. WSIFN.
- 12-18-78 1-1/4 hrs. TIH; Go over fish & hook up power swivel; 3-1/2 hrs. washing over w/shoe & WP; Hard drlg. @ 4625'; Cmt. in return @ 4630'; Hit collar @ 4646'; Spot drill; Metal shavings; Spot & circ. BHA to 3820'; 14-3/4 hrs. WSIFN.
- 12-19-78 1 hr. TIH w/cutter & spear to 4638'; 1 hr. PU & RU power swivel; Make cut in side 5-1/2" csg. @ 4638'; 3 hrs. TOH w/tools & fish; Rec. 40' of 5-1/2" 17# csg.; 2 hrs. LD WP; 2 hrs. PU & TIH w/7-1/2" by 6-3/4" dress off tool, 1 2-7/8" Johnson jar, 6 4-1/4" DC on 2-3/8" workstring; 1 hr. PU power swivel; Dress off 5-1/2" csg. stab. @ 4638'; 1 hr. TIH w/workstring; LD DC, jars & dresser tool; 1 hr. rack & strap pipe; 12 hrs. SIFN; Prep to run csg. bowl on 5-1/2" csg.
- 12-20-78 1 hr. RU csg. tongs & tools; 1 hr. PU & make 5-1/2" Bowen head seal csg. bowl and 5-1/2" Howco DV tool on 5-1/2" 17# K-55 8rd csg.; 7 hrs. PU; TIH w/120 jts. 5-1/2" 17# K-55 8rd csg.; Tagged 5-1/2" stab. @ 4638'; Latch bowl on csg. stab.; Pull 100,000# on csg.; Pull 30,000# over wt.; RU Halliburton; Test csg. to 500# for 10 min.; 2 hrs. drop bomb to open DV tool; Break circ. down 5-1/2" csg.; Pump 260 BFW; 4 BPM @ 500 psi; 13 hrs. SIFN; Prep to cmt. 5-1/2" csg.
- 12-21-78 6-1/2 hrs. RU Halliburton; Brk. circ. down 5-1/2" csg.; Good returns on 8-5/8" csg.; Cmt. 5-1/2" csg. w/400 sx Halliburton Lite w/6# salt & 1/4# Flocelex sx @ 12.4 ppg & 175 sx Class "C" 50-50 POZ A w/2# Gel & 1/4# Flocelex & 2-1/2" Salt/sx @ 13.9 ppg; Max. press. 1700#; Dropped bomb & close DV tool; Press. to 2800 psi; Open release; No flow back; Did not circ. cmt.; RD Halliburton; 2-1/2 hrs. cut off 5-1/2" csg.; ND BOP; Set slips w/10,000# tension; 1 hr. NU BOP; 14 hrs. SIFN; Prep to run temp. survey.

12-22-78 3 hrs. RU Worth Well survey; Run temp. survey to determine cmt. top; Indicated top 240'; RD Worth Well; 2 hrs. TIH w/4-3/4" Hughes mill tooth bit, 2 3-1/2" DC's, 146 jts. 2-3/8" 4.7# J-55 8rd; Tagged DV tool @ 4635'; 3 hrs. RU power swivel and drill DV tool; Rotate bit thru csg. bowl; 1 hr. circ. hole; 1 hr. TOH w/workstring & collars; 2 hrs. TIH w/ret. tool on 2-3/8" tbg.; Stop @ 7000'; Prep to brk circ. to remove RBP; 12 hrs. SIFN.

12-23-78 1 hr. tag fill @ 7510'; 3 hrs. attempt to rev. circ. fill; 4 hrs. PU power swivel; Circ. fill of fo RBP; 1 hr. attempt to ret. RBP; 2 hrs. TOH w/tbg. and ret. tool; Tool plug w/cmt. & formation; 13 hrs. SIFN.

12-24-78 24 hrs. SIFN.

12-25-78 24 hrs. SIFN.

12-26-78 24 hrs. SIFN.

12-27-78 2 hrs. TIH w/ret. tool on tbg.; 2 hrs. attempt to work tool over RBP; 2 hrs. TOH w/tbg. & ret. tool; 2 hrs. TIH w/4-3/4" bit; 2 3-1/2" DC on 2-3/8" tbg.; PU power swivel; Clean off top of RBP; Rec. metal in return; 1 hr. circ. hole clean; 1 hr. TOH w/tbg. & collars to 5000'; 14 hrs. SIFN.

12-28-78 3 hrs TOH w/4-3/4" tbg; 2-3/4" shoe w/inside cut right; 1 bump sub; 2 3-1/2" DC on 2-3/8" tbg; 3 hrs PU power swivel; rev drlg on junket and formation; rev formation, rubber, iron cutting; drlg 2'; 3 hrs TOH steel line measurement w/tbg & BHA; 15 hrs SIFN.

12-29-78 3 hrs TIH w/4-3/4" bit, bumper sub, 2 3-1/2" DC, 238 jts of 2-3/8" 4.7 tbg; tagged fill @7530' SLM; 2 hrs RU power swivel; rev drlg to 7532'; rec scale & metal cutting; rev circ gel slug; 2 hrs TOH w/tbg & BHA; 2 hrs TIH w/4-5/8" by 3-11/16" inside cut right shoe; tagged @7532'; 1 hr PU power swivel; wash over RBP fishing neck to 7535'; circ hole clean; 2 hrs TOH w/tbg & BHA; 12 hrs SIFN.

12-30-78 3 hrs. TIH w/4-5/8" by 2-5/8" Bowen OS, bumper sub, 2 3-1/2" DC's, 238 hrs. of 2-3/8" tbg.; Tagged RBP @ 7530'; Catch BP; 3 hrs. work RBP free; 4 hrs. TOH w/tbg., BHA & RBP; 2 hrs. TIH w/4-3/4" bit, csg. scrapper, 2 3-1/2" DC's & 2-3/8" work-string tbg.; Stop @ 7000'; 12 hrs. SIFN.

12-31-78 4 hrs. PU power swivel; Rev. circ. bit to PBTD 7832'; Lost 80 BW; 6 hrs. TOH; LD workstring; LD DC's & BHA; 14 hrs. SIFN.

1-1-79 24 hrs. WSI.

1-2-79 24 hrs. WSI.

1-3-79 24 hrs. WSI due to weather.

1-4-79 8 hrs. RU Worth Well Survey; Run GR CCL 7795'-6600'; Perf. Dev. zone w/4" csg. gun; Size .41" @ 7623', 24', 28', 30', 32', 7675', 76', 77', 78', 79', 7716', 17', 18'; 13 holes; 1 hr. RD Worth Well; 2 hrs. TIH w/2" by 4-1/2" Pengo pkr. on 2-3/8" 4.7#, J-55 tbg. to 6000'; 13 hrs. SIFN; Prep. to treat.

1-5-78 1 hr. TIH w/pkr on tbg.; Set pkr @ 7200'; RU Howco; 1 hr. load csg. & press. up to 1000#; 3 hrs. acidize Dev. perfs. w/4000 gals. MOD-202 acid in 2 equal stages w/800# TBA-110 between stages; Avg. inj. rate 7.2 BPM; Max. press. 2200; 50# increase when block hit perfs.; Flush w/9.6# brine water; ISDP vac.; BLTR 163; 1 hr. TD Howco; 4 hrs. RU Swab; FL 6500'; Rec. 24 BW; No show; 14 hrs. SIFN; SITP 0; BLTD 139.

1-6-79 10 hrs. swabbing; FL 6500'; Rec. 60 BW; No show; 14 hrs. SIFN; SITP 0; BLTR 79.

1-7-79 24 hrs. SI; SITP 0#.

1-8-79 24 hrs. SI; SITP 0#.

1-9-79 9 hrs. swabbing; FL 6500'; Rec. 60 BW; No show; 1 hr. ND tree; Rel. pkr; Prep to TOH; 14 hrs. SIFN; SITP 0#.

1-10-79 2-1/2 hrs. TOH w/pkr; 3 hrs. TIH w/prod. tbg.; Set @ 7533' w/12 pts. tension pulled on anchor; 1 hr. ND BOP; 1-1/2 hrs. install tbg. flange; Hook up flowline; 2 hrs. TD & MO WSU; Rel. all equip.; 14 hrs. SIFN; DROP FROM REPORT: WO pumping equip.

1-12-79 6 hrs. SI; 1 hr. MIRU WSU; 4 hrs. TIH 1-1/4" X 21' insert pump on 7/8"-3/4" rod string; 13 hrs. SIFN.

1-13-79 5 hrs. TIH w/7/8"-3/4" rod string; Hook up flowline; RD WSU; 19 hrs. SI; DROP FROM REPORT: WO pumping Unit.

1-25-79 Installed pumping unit & started pumping; 24 hr. test dated 2-21-79: 14 BOPD, 18 BWPD, 75 MCF; FINAL REPORT.

ILLEGIBLE