

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
L. M. Phillips No. 1
SF 078063
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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injector		7. UNIT AGREEMENT NAME Carson Unit	
2. NAME OF OPERATOR Shell Oil Company		8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80290		9. WELL NO. 22-19	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FNL & 1980' FWL Section 19		10. FIELD AND POOL, OR WILDCAT Bisti	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GS, etc.) 6448.9 KB	12. COUNTY OR PARISH San Juan
			13. STATE N. Mexico

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

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☐

PULL OR ALTER CASING

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☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐
☐

REPAIRING WELL

ALTERING CASING

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

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☐
☒
☐

(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 attachment

WILL SEND FINAL SUNDRY WHEN LOCATION
CLEANED AND READY FOR INSPECTION



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

SIGNED

R. Plaudy

TITLE

Div. Oper. Engr.

DATE

6/2/77

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

cc: New Mexico O&GCC w/attachment

*See Instructions on Reverse Side

PLUG AND ABANDON

SHELL OIL COMPANY

FROM: 1/19/76 - 5/11/77

BISTI

LEASE	CARSON UNIT	WELL NO.	22-19
DIVISION	WESTERN	ELEV	6448.9 KB
COUNTY	SAN JUAN	STATE	NEW MEXICO

NEW MEXICO
BISTI FIELD

Carson Unit 22-19
(Plug back & recomp
in Pictured Cliffs)

"FR" TD 5030. PB 5027. AFE #521936 provides funds to P&A Gallup & AFE #521937 provides funds to recomp in Pictured Cliffs. MI&RU Farmington Well Service. WOC. Prep to run CBL. Ran csg scraper to 4800 & set CIGR @ 4782; csg leak. Pmp'd 1 B/M @ 600 psi. Pmp'd 100 sx reg, 4% gel thru retainer @ 2 B/M @ 1600 psi. Pulled tbg to 1300. Mixed mud. Ran GRN log & set EP @ 1350. Perf'd csg @ 1325 w/4 shots. Unable to est circ. Set ret @ 1300 & pmp'd 125 sx Class "A" 65-35 lite poz, 12% gel, 12-1/2#/sx DK2 & 1/8#/sx D29 gel flakes followed by 90 sx RFG w/12% D53 & 3% CaCl2. No returns. 3 B/M @ 800-1200. SI & did not overdisplace.

Carson Unit 22-19
(Plug back & recomp
in Pictured Cliffs)

TD 5030. PB 1350. 1/19 Ran Schl CBL to 1302; no cmt above 1210. Fair cmt 1210-1240; good csg & formation bond 1240-1252; fair csg bond, but poor formation bond 1252-1270; good csg & formation bond 1270-1290. Perf'd csg w/4-.42" jet shots @ 1195. Set Bkr CIGR @ 1145. Pmp'd 75 sx reg cmt w/2% CaCl2 thru retainer w/max & final press 1000 psi. Pulled out of retainer. Reverse circ'd out & pulled tbg.

JAN 20 1976

Carson Unit 22-19
(Plug back & recomp
in Pictured Cliffs)

TD 5030. PB 1350. Prep to run mill. Ran 3-7/8" bit w/4 - 3-1/8" DC's & 2" tbg. Unable to drill retainer in 5 hrs.

JAN 21 1976

Carson Unit 22-19
(Plug back & recomp
in Pictured Cliffs)

TD 5030. PB 1350. Pulling mill. Ran 3-7/8" mill & milled out retainer & drld to 1161. Mill plugging.

JAN 22 1976

Carson Unit 22-19
(Plug back & recomp
in Pictured Cliffs)

TD 5030. PB 1350. Prep to swab test. Pulled mill; one circ port plugged w/cmt. Ran 3-7/8 bit & drld thru cmt plug @ 1205'. Circ'd out. Tested csg w/1400 psi, ok. Swabbed FL down to 1000'. Pulled bit. Perf'd csg from 1218-1224 & 1234-1244 w/4 jet shots/ft using Schl 3-3/8 gun w/Hyper-jet II charges. Reran tbg openended to 1210 w/1-25/32" seating nipple on btm.

JAN 23 1976

Carson Unit 22-19
(Plug back & recomp
in Pictured Cliffs)

TD 5030. PB 1350. Testing. Swabbed dry from 1210; no gas entry. Foam frac'd down csg-tbg annulus w/Dowell & Nowasco. After 16,500 gals in, trk failed. Repaired trk & fin'd pmp'g. Press incr'd to 2100 psi. Flwd back 30 mins. ISIP 1300 psi, 1125 in 5 mins, 1100 in 10 mins. Frac'd as follows: 2000 gals foam pad, 2000 gals foam w/.6#/gal 20-40, 2000 gals foam w/1.2#/gal 20-40, 2500 gals foam w/1.5#/gal 20-40, 1000 gals foam w/.6#/gal 10-20, 1000 gals w/1.2#/gal 10-20 & 10,000 gals foam w/1.5#/gal 10-20. Flushed to perfs. Foam 70% N2 & 30% wtr; surfactant F-52B. Wtr contained 2% KCl & 12#/1000 gals CaCl2. Press 1300-1600 @ 5.6 B/M. Avg N2 rate 6367 SCF/min; avg foam rate 18.6 B/M. Total N2 350,229 SCF, 314 BW, 41,100# 20-40, 16,800 10-20. One hr SITP 875. Chk size incr'd to 3/4". After 12 hrs TP 20; SI 1 hr TP 100. Well will flow by heads on 3/8" chk & die after 30 mins. After SI 3 hrs TP 300, CP 290. After SI 15 hrs TP 300, CP 290. Ran WL & checked fill. Sd 6' below btm perf.

JAN 27 1976

Carson Unit 22-19
(Plug back & recomp
in Pictured Cliffs)

TD 5030. PB 1350. Testing.

JAN 27 1976

Carson Unit 22-19
(Plug back & recomp
in Pictured Cliffs)

TD 5030. PB 1350. Flw'g intermittently. Opened after SI for 24 hrs; SITP 275 psi - SICP 275 psi. Flwd 1 bbl fluid cut 50% oil w/N2 (frac carrier gas). Bled to 0 in 30 mins.

JAN 28 1976

Carson Unit 22-19
(Plug back & recomp
in Pictured Cliffs)

TD 5030. PB 1350. Testing.

JAN 28 1976

Carson Unit 22-19
(Plug back & recomp
in Pictured Cliffs)

TD 5030. PB 1350. Testing.

JAN 30 1976

Carson Unit 22-19
(Plug back & recomp
in Pictured Cliffs)

TD 5030. PB 1350. Testing. 1/30 At 8 a.m. well had 240 psi on tbg & on csg. Opened well & flwd about 7 BW w/some oil & undetermined amt of gas (gas did burn). Well died in 30 mins. Swabbing; rec'd 90 BW of a 313-bbl load. Rec'd total of 417 BW which is about 150 bbls over load. SI well Saturday evening & on 2/2 SITP 250 psi. Well prod some gas after every swab run.

FEB 02 1976

Carson Unit 22-19
(Plug back & recomp
in Pictured Cliffs)

TD 5030. PB 1350. Testing. Opened well 8 a.m. 2/2 w/250 psi on tbg & csg. Well flwd natural gas for 25 mins & died. Began swabbing @ rate of 1 run (2-1/2 bbls every 15 mins). FL stabilized @ 800' from surface or about 420' of fluid in hole. Well would blow gas after every swab run.

FEB 03 1976

Carson Unit 22-19
(Plug back & recomp
in Pictured Cliffs)

TD 5030. PB 1350. Testing.

FEB 04 1976

Carson Unit 22-19
(Plug back & recomp
in Pictured Cliffs)

TD 5030. PB 1350. Testing.

FEB 05 1976

Carson Unit 22-19
(Plug back & recomp
in Pictured Cliffs)

TD 5030. PB 1350. Testing.

FEB 06 1976

Carson Unit 22-19
(Plug back & recomp
in Pictured Cliffs)

TD 5030. PB 1350. Testing.

FEB 09 1976

Carson Unit 22-19
(Plug back & recomp
in Pictured Cliffs)

TD 5030. PB 1350. Testing. SI well over weekend.
Opened well w/90 psi on tbg. Well flwd gas & about 1
BW & died in about 30 mins.

FEB 10 1976

Carson Unit 22-19
(Plug back & recomp
in Pictured Cliffs)

TD 5030. PB 1350. Testing.

FEB 11 1976

Carson Unit 22-19
(Plug back & recomp
in Pictured Cliffs)

TD 5030. PB 1350. Testing.

FEB 12 1976

Carson Unit 22-19
(Plug back & recomp
in Pictured Cliffs)

TD 5030. PB 1350. Testing.

FEB 13 1976

Carson Unit 22-19
(Plug back & recomp
in Pictured Cliffs)

TD 5030. PB 1350. 2/14 Blew well down. RU Farmington
Well Service & installed BOP. Pulled tbg & SI overnight.
Found fluid 550' from surface. 2/15 Started sd pmp'g well.
CO to 1300'. Ran Bkr Model R pkr w/one 2' sub, seat nip &
36 jts tbg to 1128'; could not get pkr below that depth.
SI BOP's. 2/16 Pulled tbg & pkr. Ran 4-1/2 csg scraper
on tbg to 1210'. Pulled & LD scarper. Set pkr @ 1200'.
Swabbed well for 2 hrs. Found fluid about 200' above seat
nip each time. Was not able to swab well down. RD
Farmington. Left well SI; well had very little blow after
each swab run.

FEB 17 1976

Carson Unit 22-19
(Plug back & recomp
in Pictured Cliffs)

TD 5030. PB 1350. SI. (Report discontinued until
further activity)

FEB 18 1976

Carson Unit 22-19
(Plug back & recomp
in Pictured Cliffs)

TD 5030. PB 1300 (CICR). (RRD 2/18/76) Ran temp survey
to 1300 (33.5 deg F on btm). Ran GR log from TD to surface.
Ran Dual Detector RA tracer tools & positioned @ 1210.
Filled hole w/wtr. Found both sets of perms taking fluid
& top perf showed fluid going back up hole; btm showed fluid
going down hole. Left well SI.
(Report discontinued until further activity)

MAR 23 1976

Carson Unit 22-19
(P&A)

TD 5030. PB 1300. (RRD 3/29/76) AFE #527936 provides
funds to P&A well. RU Bedford Inc. 5/9 & unseated pkr.
Pulled & LD tbg & pkr. Ran tbg workstring to PBTD @
1300'. Loaded hole w/mud. Spt'd 20 sx Class G cmt mixed
w/1#/sx flocele. Pulled & LD tbg. SD overnight.

MAY 10 1977

Carson Unit 22-19
(P&A)

TD 5030. PB 1300. RU csg pullers. Shot off csg @ 694'.
Spt'd 50 sx cmt across stub of 4-1/2" csg. Pulled csg
to 400' & spt'd 35 sx cmt across Ojo Alamo. Pulled csg
to 170' & spt'd 25 sx cmt across base of 8-5/8" sfc pipe.
Fin'd LD csg. Installed abandonment marker. RD Bedford
Inc. 5/10.

FINAL REPORT

MAY 11 1977