

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Form approved.  
Budget Bureau No. 42-R1424.  
5. LEASE DESIGNATION AND SERIAL NO.

MIMS No. 1 SF 078067  
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  
Shell Oil Company

3. ADDRESS OF OPERATOR  
1700 Broadway, Denver, Colorado 80202

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

1910' FSL & 590' FWL Section 11-T25N-R12W NMPM  
San Juan County, New Mexico

7. UNIT AGREEMENT NAME

Carson Unit  
8. FARM OR LEASE NAME

9. WELL NO.

13-11

10. FIELD AND POOL, OR WILDCAT

Bisti  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 11-T25N-R12W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6250.7 KB

12. COUNTY OR PARISH  
San Juan

13. STATE  
New Mexico

18. 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 ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

Plug back & attempt to recomp in Pictured X Cliffs

(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

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

SIGNED

TITLE Div. Ops. Engr.

DATE 10/30/75

(This space for Federal or State office use)

APPROVED BY

TITLE

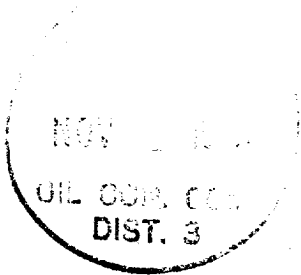
DATE

CONDITIONS OF APPROVAL, IF ANY:

cc: Oil and Gas Conservation Commission - New Mexico

\*See Instructions on Reverse Side

PLUG BACK & ATTEMPT TO RECOMP IN PICTURED CLIFFS		BISTI FIELD	
SHELL OIL COMPANY		LEASE	UNIT
		WELL NO.	13-11
		DIVISION	WESTERN
		ELEV	1110 KB
FROM: 9/4/75 - 10/30/75		COUNTY	SAN JUAN
		STATE	NEW MEXICO



NEW MEXICO  
BISTI FIELD

Carson Unit 13-11  
(Plug back & attempt  
to recomp in Pictured  
Cliffs)

"FR" TD 4920. PB 4900. AFE #520287 provides funds to plug back & attempt to recomplete in Pictured Cliffs. 9/2 RU Farmington Well Serv & got pmp within 500' of surface. RU HOS & pmp'd 60 bbls hot wtr down csg. RD HOS. Fin'd pulling rods & pmp out of hole. Started pulling tbg. 9/3 Fin'd pulling tbg. Ran csg scraper on tbg to 4734. Hot oil tbg w/50 bbls hot wtr to clear tbg of wax & circ oil out of hole. Left well SI. Prep to pull tbg & csg scraper. SEP 04 1975

Carson Unit 13-11  
(Plug back & attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. Prep to log & perf. Pulled tbg & csg scraper. Ran cast iron cmt ret on tbg to 4704 & set. Est pmp rate thru tbg @ 2-1/2 B/M @ 1000#. Press tested tbg to 2000#. Unstung from cast iron cmt ret. Press tested csg to 1250#, held ok. Stung back into cast iron cmt ret. Pmp'd 100 sx reg cmt w/4% gel & sqz'd Gallup perfs. Press started @ 1000# & dropped to 500. Press increased up to 1000# by the time flush was down to cast iron cmt ret. Broke loose from cast iron cmt ret & reversed flush out & pulled tbg. SEP 05 1975

Carson Unit 13-11  
(Plug back & attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. 9/5 Press tested csg to 1250#, held ok. RU Schl & ran GR-Neutron PDC log from 1500 to surface. Ran sqz gun & perf'd 4 WSO holes @ 1233'. RD Schl & ran CIGR on tbg to 1205 & set. Attempted to circ to surface w/mud containing 2% CaCl2 & 10#/1000 gals CaCl2. Pmp'd 16 bbls; got returns for short while then lost returns. Pmp'd 40 bbls mud; got returns for short while then lost them again. Pmp'd 50 more bbls mud & got returns for awhile then lost again. SD for night. 9/6 Attempted to circ to surface w/150 bbls mud containing 2% CaCl2 & 10#/1000 gals CaCl2; unable to get good returns. Pmp'd 70 sx Class A cmt containing 4% gel & 1/4# flocele/sx cmt. Pmp'd @ rate of 2-1/2 B/M, 700# avg press. Press increased to 1000# w/5 bbls cmt left; got good returns. Displaced tbg w/4-3/4 BW & unstung from retainer. Reversed out; got 1 bbl cmt out. Circ'd hole w/clean wtr containing 2% CaCl2 & 10#/1000 gals CaCl2. Pulled & LD tbg. Closed well in. Fin'd cmt 4:10 p.m.; will WOC 7 days. 9/7-Ran Temp Survey @ 1:30 a.m. Found top of cmt @ 1000'. (RDUFA) SEP 08 1975

Carson Unit 13-11  
(Plug back & attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. (RWD 9/15/75) 9/15 RU Schl & ran CBL from 1205 to 100' w/O press. Log showed bond from 1156-1204 good & found cmt top @ 1030'. Very poor bond between 1156 & 1030. Ran 2nd CBL w/500# press on csg w/little change. Ran gun & perf'd 2 WSO holes phased 180 deg @ 1150. RU HOT & attempted to circ to surface; unable to do so. Ran gun & perf'd 4 WSO holes phased 90 deg @ 1040; got circ for short while then lost it. Released Schl, HOT & SI well. SEP 15 1975

Carson Unit 13-11  
(Plug back & attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. 9/15 RU Schl. Ran Model K cmt ret on WL & set @ 1148. Perf'd from 1112-1130; had 0 press on csg after perf'g. RD Schl. Ran Bkr Model R pkr on tbg to 1132 & set pkr. Press tested tbg to 2500#, held ok for 5 mins. Unseated pkr & moved up hole to 1088' & set pkr. RU swabbing tools. Swabbed tbg dry; no entry of fluid or gas. Shut well in for night. SEP 16 1975

Carson Unit 13-11  
(Plug back & attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. SITP 100#. Rec'd 2 gas samples, then shut well in. RU Dowell & Nowsco to foam frac Pictured Cliffs down tbg. Pmp'd 10 BW down tbg to check for communication; no indication. Pmp'd 3000 gals foam pad followed by 2000 gals foam w/1/2#/gal 20-40 sd followed by 2000 gals foam w/1#/gal 20-40 sd followed by 40,000 gals foam w/1-1/2#/gal 20-40 sd & flushed to perfs. Foam contained surfactant & wtr contained 2% CaCl2 & 10#/1000 gals CaCl2. Max press 2300#, min 2100, avg 2200. Foam rate 18.18 B/M, N2 rate 5466 SCF/min, wtr rate 5.35 B/M. Total N2 used 348,700 SCF. ISIP 1100 psi, 5 mins 1000, 10 mins 925, 15 mins 900. Had slight communication between tbg-csg annulus of 450# when job first started. Press was down to 300# on tbg-csg annulus @ time job fin'd. Suspect slight pkr leak, but must be sealed off. RD Dowell & Nowsco & opened well to pit @ 4:15 p.m. Had 450# on it; gradually bled down to 0# tbg press. By 8 p.m. well barely heading, but still flw'g a little sd & foam. SEP 17 1975

Carson Unit 13-11  
(Plug back & attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. Flwd well to pit all day using mostly 34/64" chk w/O-35# tbg press. Flw'g sd & sml amt of wtr. Blow kept getting stronger, but still unloading wtr & sd. Gas blow @ 4 p.m. was 475 MCF on 1" chk w/35# tbg press. Will flw well to pit overnight to try to clean up. SEP 18 1975

Carson Unit 13-11  
(Plug back & attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. Flwd to pit on 1" chk all night; 35# tbg press, 650 MCF gas w/some sd & tr of wtr @ 9 a.m. At 2:30 p.m. on 24/64" chk, 540 MCF gas, very little sd & steady tr wtr on 145# tbg press. Flwd well to pit on 24/64" chk overnight. SEP 19 1975

Carson Unit 13-11  
(Plug back & attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. 9/19 Flwd well to pit for 24 hrs. Made 603 MCF on 24/64 chk w/150 psi FTP. RD Farmington Well Service. SI well @ 2:20 p.m. Well had 150# tbg press before SI; 220# @ 2:35 p.m., 220# @ 2:50 p.m., 222# @ 3:05 p.m., 225# @ 3:20 p.m. & 230# @ 4:20 p.m. 9/20 Well SI to build press. Tbg press 237# @ 9 a.m. & 237# @ 5:30 p.m. 9/21 Tbg press 240# @ 9 a.m. & 240# @ 4:30 p.m. SEP 22 1975

Carson Unit 13-11  
(Plug back & attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. Well SI to build press. Had 240# tbg  
press @ 8 a.m. & @ 6 p.m.

SEP 23 1975

Carson Unit 13-11  
(Plug back & attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. Well SI to build press; 240# tbg press.

SEP 24 1975

Carson Unit 13-11  
(Plug back & attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. Well SI to build press; 240# tbg press.

SEP 25 1975

Carson Unit 13-11  
(Plug back & attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. Well SI; 240# tbg press.

SEP 26 1975

Carson Unit 13-11  
(Plug back & attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. Well SI; 250# tbg press 9/26-27.

SEP 29 1975

Carson Unit 13-11  
(Plug back & attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. Well SI.

SEP 30 1975

Carson Unit 13-11  
(Plug back & attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. (RDUFA)

OCT 01 1975

Carson Unit 13-11  
(Plug back & attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. (RRD 10/1/75) Well SI. MI&RU  
Farmington Well Serv. RU HOT & loaded tbg w/diesel. Tbg  
went on vacuum. PU tbg & released pkr. Annulus went on  
vacuum. Could not circ well. Pump'd 1000 gals diesel  
total. Installed wellhead donut & spaced out. Set pkr  
& landed tbg. Removed BOP's. SI well. RD Farmington.  
(RDUFA)

OCT 02 1975

Carson Unit 13-11  
(Plug back & attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. (RRD 10/2/75) 10/3 Well SI; 250# tbg  
press. Opened well & flwd to pit; flw'g back diesel & wtr.  
Flwd well from 2:30-5:30. SI for night. 10/4 Opened well  
& flwd back diesel & wtr. Well flw'g very little sd. Flwd  
well for 5 hrs; well cleaned up. Flw'g natural gas.  
SI well.  
(RDUFA)

OCT 07 1975

Carson Unit 13-11  
(Plug back & attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. (RRD 10/7/75) Flowing well to clean up.  
RU Nowsco. Ran 1" tbg to 1140 to jet out frac sd from  
2-3/8 tbg. Used 52,700 SCF nitrogen. Flwd well back for  
2 hrs on 48/64" chk, FTP 100 psi. Last 1/2 hr of flw  
period well started flw'g considerable amt of milky white  
fluid (possibly foam frac residue). Shut well in. Flwd  
well 7 hrs on 48/64" chk. Initial SITP 235#; final FTP  
95 psi. OCT 10 1975

Carson Unit 13-11  
(Plug Back & Attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. No report.

OCT 13 1975

(Plug Back & Attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. No report.

OCT

Carson Unit 13-11  
(Plug Back & Attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. No report.

OCT 15 1975

Carson Unit 13-11  
(Plug Back & Attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. No report.

OCT 17 1975

Carson Unit 13-11  
(Plug Back & Attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. S.I. OCT 17 1975

OIL SOLE COMM.  
DIST. 3

Carson Unit 13-11  
(Plug Back & Attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. SI.

OCT 20 1975

Carson Unit 13-11  
(Plug Back & Attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. SI.

OCT 21 1975

Carson Unit 13-11  
(Plug Back & Attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. SI.

OCT 22 1975

Carson Unit 13-11  
(Plug Back & Attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. (RDUFA)

OCT 23 1975

Carson Unit 13-11  
(Plug Back & Attempt  
to recomp in Pictured  
Cliffs)

TD 4920. PB 4900. (RRD 10/23/75) On open flow potential  
press @ 1110' KB was 230 psi.  

Run	Plate Size	BHP	Gas
#1	1/8"	229	79 MCF
#2	3/16"	225	177 MCF
#3	5/16"	213	458 MCF
#4	1/2"	196	824 MCF

In 1 hr press built to 220 psi. AOF 2600 MCF/D.  
FINAL REPORT

OCT 30 1975

