

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved,
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR Shell Oil Company						7. UNIT AGREEMENT NAME CARSON UNIT	
3. ADDRESS OF OPERATOR P.O. Box 831 Houston, Tx 77001 ATTN: C.E. Tixier em. #1916						8. FARM OR LEASE NAME UNIT	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 790' FNL + 1100' FEL Sec. 10 At top prod. interval reported below At total depth						9. WELL NO. 202	
14. PERMIT NO.						DATE ISSUED	
15. DATE SHUDDLED 3-18-80		16. DATE T.D. REACHED 3-25-80		17. DATE COMPL. (Ready to prod.) 7-18-80		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6236' K8	
20. TOTAL DEPTH, MD & TVD 1208'		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS ✓ CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* FRUITLAND: TOP 1070', BOTTOM 1120' PICTURED CLIFFS: TOP 1120', BOTTOM 1208' PDC/DIL						25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
7"	23#	135'	8 3/4"				
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. PACKING RECORD		
					DATE SET (MD)	PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number) 1115'-1117' 14 shots 1122'-1126'				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
				GROSS PERFS	250 GALS 15% HCL		
				" "	250 GALS 12-3 MUD ACID		
				" "	166 GALS 15% HCL		
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in) SI	
DATE OF TEST 7-18-80	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL. →	GAS—MCF. 485	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS. 415 psi	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL. →	GAS—MCF. 490	WATER—BBL.	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS							

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.

SIGNED C. E. Tixier TITLE Division Prod. Engineer

DATE 1-26-81

*(See Instructions and Spaces for Additional Data on Reverse Side)

MAR 5 1981

FARMINGTON DISTRICT

BY R.B.

NMOCC

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws 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. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 32.

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 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL WELL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION TEST, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAN. DEPTH	TRUE VERT. DEPTH
				Kirkland	176'	
				Farmington	563'	
				Pictured Cliffs	1113'	

NEW MEXICO

BISTI FIELD

Shell-Carson 202
(D) Wilson #4
1200' Pictured Cliffs Test
\$ 2M
WI - 100%
GR 6232'

Status: 100% rigged up. Prep. to mix spud mud.

MAR 18 1980

NEW MEXICO

BISTI FIELD

Shell-Carson 202
(D) Wilson #4
1200' Pictured Cliffs Test
\$7M/\$33M
WI - 100%
GR 6232'
7" csg at 135'

145/145//1/5. Status: Nipple up.
Ran 7" csg to 135'.
Spudded at 7:00 AM, 3-18-80
Location: 790 FNL, 1100 FEL
Section 10, T25N, R12W
San Juan County, NM

NEW MEXICO

BISTI FIELD

Shell-Carson 202
(D) Wilson #4
1200' Pictured Cliffs Test
\$11M/\$33M
WI - 100%
GR 6232'
7" csg @ 135'

145/0//2/5. Status: Shut down for night.
W.O. cmt & build choke manifold & kill line.

MAR 20 1980

NEW MEXICO

BISTI FIELD

Shell-Carson 202
(D) Wilson #4
1200' Pictured Cliffs Test
\$13M/\$33M
WI - 100%
GR 6232'
7" csg @ 135'

145/0//3/5. Status: Shut down for night.
Work on choke manifold; repair drum; changeout
drilling line. Test csg to 1000 psi, test BOP.

MAR 21 1980

NEW MEXICO

BISTI FIELD

Shell-Carson 202
(D) Wilson #4
1200' Pictured Cliffs Test
\$19M/\$33M
WI - 100%
GR 6232'
7" csg @ 135'

3-22-80
380/235//4/5. Status: Shut down for night.
Drill out shoe & cmt. Trip in to shoe & secure
for night.
Mud: (.452) 8.7

3-23-80
900/520//5/5. Status: Shut in for night.
Drilling & pull into shoe to secure rig.
Mud: (.447) 8.5 x 31 x 15.6

3-24-80
1212/312//6/5. Status: Shut in for night.
Rig up loggers. Hit bridge at 644' w/DIL tool.
TIH, wash thru interval, pull into shoe & secure
for night.
Mud: (.530) 10.2 x 45 x 15

NEW MEXICO

BISTI FIELD

Shell-Carson 202

(D) Wilson #4

1200' Pictured Cliffs Test

\$26M/\$33M

WI - 100%

GR 6232'

7" csg @ 135'

1212/0//7/5. Status: TIH.

Ran logs. Trip to shoe & shut in BOP.

Mud: (.536) 10.3 x 45 x 15.5

MAR 25 1980

NEW MEXICO

BISTI FIELD

Shell-Carson 202

(D) Wilson #4

1200' Pictured Cliffs Test

\$32M/\$33M

WI - 100%

GR 6232'

7" csg @ 135'

TD 1208/0//8/5. Status: Moving to Carson 203.

Ran 1208' 2-7/8" 6.5# K-55 tubing. Cmt w/130 sx
65/35 Poz, 6% gel, 6-1/4#/sx Flocele. Tail w/100 sx

50/50 Poz, 2% gel. Bumped plug w/6.9 bbls fresh
water. 100% returns throughout job. Released

rig at 3:30 PM, 3-25-80.

Cost \$32,375.

CONTRACT: FARMINGTON WELL SERV.
RIG NO.: 16
FIELD: BISTI
LEASE: CARSON UNIT
WELL NO.: 202
COUNTY: SAN JUAN
STATE: NEW MEXICO
DATE: JULY 11, 1980

REMARKS: AFE 579351

Move in and rigged up Farmington Well Service. Installed swabbing lubricator. Hit fluid level at 900'. Swabbed dry. Rigged up Dowell and pumped 2 bbls. 15% HCl acid in well. Rigged up Blue Jet perforators and ran 2-1/8" retrievable formed wire perforating gun loaded w/22 gram charges and perf'd P.C. interval 1115', 1117' and 1122' to 1126'. Pressure buildup before perforating 40 psi in 10 minutes, after perforating 30 psi in 3 minutes. Ran swab and swabbed 3 ± bbls. Well dry. Pressure buildup 250 gals. 15% HCl followed by 250 gals. 12-3 Mud acid followed by 166 gals. 15% HCl acid and displaced acid to perfs w/MSR fluid. Pumped treatment at 1/4 BPM w/240 psi. ISIP 240 psi, 5 min. 115 psi, 15 min @ psi. Total load to recover 23 bbls. Swabbed 8 ± bbls. fluid. Well dry. Pressure buildup 80 psi in 15 min., 130 psi in 30 min. SDFN.

UNIT OR RIG COST FOR TODAY:	\$1365.61
OTHER COSTS FOR TODAY:	\$2384.00
TODAYS TOTAL COST:	\$3750.00
CUMULATIVE TOTAL COST:	\$3750.00

MISCELLANEOUS COSTS:	
DOWELL	\$1627.00
BLUE JET PERFORATORS:	\$ 756.52

CONTRACT: FARMINGTON WELL SERV.
RIG NO.: 16
FIELD: BISTI
LEASE: CARSON UNIT
WELL NO.: 202
COUNTY: SAN JUAN
STATE: NEW MEXICO
DATE: JULY 12, 1980

REMARKS:

Bled well down from 180 psi to 0 at 3:30 A and 7:30 A. Ran swab bit fluid level at 700'. Swabbed 2+ bbls. Well dry. Pressure buildup 30 psi in 3 min. Small amount of fluid entering well bore. Continued swabbing. Recovered approximately 11 bbls. of 23 bbl. load. Increased pressure buildup from 30 psi in 3 min. to 40 psi in 3 min., 60 psi in 5 min. Rigged down Farmington Well Service. Well buildup to 180 psi in 45 minutes.

Surface pressure buildup:

5 min. SI - 70 psi
10 min. SI - 103 psi
15 min. SI - 130 psi
20 min. SI - 148 psi
25 min. SI - 158 psi
30 min. SI - 167 psi
35 min. SI - 172 psi
1 hr. SI - 180 psi

UNIT OR RIG COST FOR TODAY:	(820)
	\$817.03
TODAYS TOTAL COST	(820)
	\$817.00
CUMULATIVE TOTAL COST	\$4570.00

CONTRACT: FARMINGTON WELL SERV.
RIG NO.: 16
FIELD: BISTI
LEASE: CARSON UNIT
WELL NO.: 202
COUNTY: SAN JUAN
STATE: NEW MEXICO
DATE: JULY 18, 1980

REMARKS:

Moved in and rigged up Farmington Well Service. Swabbed 2+ bbls. fluid. Well dry. Rigged down Farmington Well Service. Remaining load to recover 10 ± bbls.

Flow rate low. Estimated rate was less than 90 MCFPD.

7-19-80	1 min. SI - 30 psi
	2 min. SI - 45 psi
	3 min. SI - 57 psi
	4 min. SI - 67 psi
	5 min. SI - 75 psi
	6 min. SI - 80 psi
	7 min. SI - 85 psi
	8 min. SI - 90 psi
	9 min. SI - 95 psi
	10 min. SI - 98 psi
	15 min. SI - 109 psi
	20 min. SI - 115 psi
	25 min. SI - 119 psi
	30 min. SI - 122 psi

UNIT OR RIG COST FOR TODAY:	\$ 569.33
TODAYS TOTAL COST	\$ 570.00
CUMULATIVE TOTAL COST	\$5140.00